TANZANIA COMMISSION FOR UNIVERSITIES



API Specification Documentation for Integrated Admission System

(Higher Learning Institutions)

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Acronyms

API	Application Programming Interfaces
AVN	Award Verification Number
GPA	Grade Points Average
GUI	Graphical User Interface
HEIs	Higher Education Institutions
IAS	Integrated Admission System
NACTE	National Accreditation Council for Technical Education
NECTA	National Examination Council of Tanzania
NIDA	National Identification Authority
NIN	National Identification Number
SOAP	Simple Object Access Protocol
TCU	Tanzania Commission for Universities
UDDI	Universal Description Discovery and Integration
UIMS	Universities Information Management System
WSDL	Web Services Description Language
XML	eXtensible Markup Language

Application Programming Interface (API) Specification Documentation for Integrated Admission System (IAS)

1. Introduction

a. Purpose

This document aims to specify end points implemented and thus enable admission stakeholders to electronically exchange information with TCU required during the admission process.

Details of technical requirements in establishing the system integration are illustrated in this document. External stakeholders should be able to proceed with their integration development and later carry on the necessary testing based on this document.

b. Scope

The scope of this document is to specify and illustrate the integration requirements in terms of end points, data sets and connectivity requirements for technical experts. Services available for external stakeholders of TCU's Integrated Admission System are as follows:

- Check Applicant Status
- Add Applicant
- Submit Applicant Programme Choices
- Confirm Applicant Admission
- Unconfirm Applicant Admission
- Resubmit rectified applicants
- Populate Dashboard
- Get applicant Status
- Get programmes with Admitted candidates
- Get admitted/verified applicants
- Get a list of confirmed applicants (multiple selection Only)
- Send sms to Applicants
- Cancel/reject admission
- Request confirmation code
- Internal Transfers
- Inter-institutional transfers
- Get applicants with multiple/single admission status
- Submit enrolled/registered students
- Submit Graduates
- Submit Institution Staff
- Get verification status for internally transferred students
- Get verification status for inter-institutional transferred students
- Submit students drop-outs
- Submit students who postponed studies
- Submit admitted students into non-degree programmes (foundation, diploma, certificates)
- Get verification status for non-degree admitted students

- Submit applicants applied for Postgraduate programmes
- Submit admitted students into Postgraduate programmes
- Get verification status for admitted students into Postgraduate programmes
- Submit transferred students from one Postgraduate programme to another within the same institution or from one institution to another
- Get verification status for transferred students into Postgraduate programmes

c. Intended Audience

This document is intended for the following audience

- Technical Manager
- Software Engineer / Developers

2. System Requirements

a. Development environment

API services shall use XML, SOAP, WSDL and UDDI open standards over an internet protocol backbone. XML is used to tag the data, SOAP is used to transfer the data, WSDL is used to describe the services available and UDDI is used for listing what services are available. The environment will allow external stakeholders to obtain certified identity information through a programmatic interface across networks. External stakeholder can then add the services to a GUI (such as web page or an executable program) to offer specific functionality based on agreed requirements.

Since services are communicated using XML, the integration is not tied to any one of the operating systems or programming languages. For example, external stakeholder can develop their application in .Net, php, java or Perl in windows or UNIX operating system.

NOTE: **Owing to the need to pass a number of parameters for each API call, POST method is used for all such calls.**

b. Credential & Notification Web Service Security

The Web service shall be secured using username and Security Token in header as per WSS standard. This user name and security token will be generated from TCU Application by the system Administrator.

3. Web Services

The Following is the summary of the web service methods available for external stakeholders:

No	Web Service Method	Description	Usage
1.	Check Applicant Status	Check the applicant status in TCU database to determine whether the applicant is a prior admitted student,	Undergraduate admission

		discontinued, graduated or already admitted applicant (subsequent rounds after first round) **** exclude current year form six and diploma graduates for first round of application. However, subsequent rounds should use the end point to exclude applicants already admitted.**	
2.	Add Applicant	Add a new applicant by inserting institution id, form 4 index number, form 6 index number (or AVN for diploma holders) and category, other form four index number(s) and other form six index number(s). This endpoint is for applicants applying for bachelor degree programmes	Undergraduate admission
3	Submit Applicant Programme Choices	After selection for admission has been done, submit the list of applicants with their choices and other contact details to TCU (TCU's template) Institution Code, form four index number, form six index number, programme choices, mobile number, email, admission status, programme of admission, reason, applicant category, other form four index number(s) and other form six index number(s).	Undergraduate admission
4	Confirm Applicant Admission	Each applicant with multiple selections shall use a TCU provided token/code to confirm selection to ONLY one HLI, and the same shall be confirmed with TCU.	Undergraduate admission
5	Unconfirm Applicant Admission	An applicant that had confirmed can reject the admission via the respective HLI online system, and the same shall be passed on to TCU.	Undergraduate admission
6	Resubmit rectified applicants	Update TCU on applicant details that might be different from the initial submission.	Undergraduate admission
7	Populate Dashboard	Update latest application statistics to the TCU dashboard (update once a day) i.e. programme code, number of males and number of females.	Undergraduate admission
8	Get applicant status	Download a list of applicants with their admission status.	Undergraduate admission

9	Get admitted applicants	Download a list of selected and confirmed applicants (per institution, per course).	Undergraduate admission
10	Get programmes with Admitted candidates	Download a list of programme codes for programmes with selected applicants.	Undergraduate admission
11	Get a list of confirmed applicants	Get a list of confirmed applicants who had multiple admissions and their confirmation status per programme.	Undergraduate admission
12	Request confirmation code	An applicant that had multiple admission can request confirmation code via the respective HLI online system, and the same shall be passed on to TCU.	Undergraduate admission
13	Cancel/ Reject Admission	An applicant that had admission can cancel his admission via the respective HLI online system, and the same shall be passed on to TCU.	Undergraduate admission
14	Submit internal transfers	An applicant that has been admitted but wishes to transfer to another programme within the same institution.	Undergraduate admission
15	Get Applicant's Verification Status	Get applicants' Verification Status Download a list of applicants with their verification status	Undergraduate admission
16	Submit inter institutional transfers	An applicant that has been admitted and wishes to transfer to another institution.	Undergraduate admission
17	Submit enrolled/registered students	A student registered/enrolled into a programme of study in an academic year	Both Undergraduate and Postgraduate
18	Submit Graduates	All who have graduated from a particular institution	Both Undergraduate and Postgraduate
19	Submit Institution Staff	Institution staff i.e. both academic and administrative staff	Used to submit the list of all employees
20	Get verification status for internally transferred students	Download applicants who have requested for internal transfers and their TCU verification status	Undergraduate transfers
21	Get verification status for inter-institutional transferred students	Download applicants who have requested for inter-institutional transfers and their TCU verification status	Undergraduate transfers
22	Restore cancelled admission	Restore admission for applicants who previously cancelled their admissions	Undergraduate admission
23	Submit students drop-outs	Add students who dropped their studies	Both Undergraduate and Postgraduate dropouts
24	Submit students who postponed studies	Submit students who postponed studies in the current academic year	Both Undergraduate and Postgraduate postponements

25	Submit admitted students into non-degree programmes (foundation, diploma, certificates)	Add students admitted into non-degree programmes (Certificates, Diplomas or Foundation Programme)	Used to submit to TCU the list of admitted students into non-degree programmes by University institutions
26	Get verification status for non-degree admitted students	Download admitted students into non-degree programmes and their verification status	Check verification status of admitted students into non-degree programmes by University institutions
27	Submit applicants applied for Postgraduate programmes	Submit to TCU the list of applicants applied for Postgraduate degree programmes in University Institutions	Postgraduate admission
28	Submit admitted students into Postgraduate programmes	Submit to TCU the list of admitted students into Postgraduate degree programmes in University Institutions	Postgraduate admission
29	Get verification status for admitted students into Postgraduate programmes	Download admitted students into Postgraduate programmes and their verification statuses	Postgraduate admission
30	Submit transferred students from one Postgraduate programme to another within the same institution or from one institution to another	Submit to TCU the list of admitted students into Postgraduate programmes in University institutions	Postgraduate admission
31	Get verification status for transferred students into Postgraduate programmes	Download transferred students into Postgraduate programmes and their verification status	Postgraduate admission

3.1 Check Applicant Status

Web Service Method	Description
Check status	Check the applicant status in TCU database to determine whether the applicant is a prior admitted student, discontinued, graduated or holder of current admission (during subsequent rounds).

Url: https://api.tcu.go.tz/applicants/checkStatus
Call method: POST

Note:

- **Exclude current year form six and diploma graduates for first round of application. In subsequent rounds check everybody.**
- **For applicants with multiple o-level sittings, check all index numbers**

- **Can be used for an individual or batch of applicants**

(a) **Request Parameters**

Name	Form Four Index number		
Direction	Input		
Type	checkStatus		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU.
	SessionToken	String	System generated Token used to authenticate request before processing generated by TCU system.
	Body	String Form Four Index Number in given format. For applicants with NECTA certificate the format for Form Four Index Number is "S1001/0012/2014"	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	Varchar, 15	Mandatory	Form Four Index Number in specific format Form Four Index Number format "S1001/0012/2014"

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding applicant's admission status i.e. status code and status description.

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
f4indexno	Varchar, 15	Form Four Index Number
StatusCode	Varchar, 50	Service Response Code
StatusDescription	Varchar, 128	Description of Service Response

Example request

For single index number

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        < SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
</RequestParameters>
</Request>
```

For Multiple index numbers

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <f4indexno> S1001/0015/2016</f4indexno>
</RequestParameters>
</Request>
```

Example response

For single index number

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
<ResponseParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <StatusCode>202</StatusCode>
        <StatusDescription> Applicant has no prior admission</StatusDescription>
</ResponseParameters>
</Response>
```

For Multiple index numbers

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
<ResponseParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <StatusCode>200</StatusCode>
        <StatusDescription>No Prior Admission</StatusDescription>
</ResponseParameters>
<ResponseParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <StatusCode>202</StatusCode>
        <StatusDescription>Applicant has no prior admission</StatusDescription>
</ResponseParameters>
</Response>
```

Example Curl call:

```
curl -i -X POST \
  -H "Content-Type:application/xml" \
  -d \
'<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
<Username>DM</Username >
<SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken >
<RequestParameters >
<f4indexno> S1001/0012/2018</f4indexno>
</RequestParameters>
</Request>' \
 'https://api.tcu.go.tz/applicants/checkStatus'
```

3.2 Add Applicant

Web Service Method	Description
Add Applicant	Add a new applicant by inserting institution code, form four index number, form six index number (or AVN for diploma holders) , applicant category, other form four index number(s) and other form six index number(s).

Url: https://api.tcu.go.tz/applicants/add
Call method: POST

(a) **Request Parameters**

<table>
<tr><td>Name</td><td colspan="3">i. Institution Code
ii. Form Four Index number
iii. Form Six Index Number (or AVN for diploma holders)
iv. Applicant Category (Diploma or Form 6)
v. Other f4 index numbers (separated by comma)
vi. Other f6 index numbers (separated by comma)</td></tr>
<tr><td>Direction</td><td colspan="3">Input</td></tr>
<tr><td rowspan="8">Type</td><td colspan="3">Add</td></tr>
<tr><td colspan="3">Content type</td></tr>
<tr><td>Component</td><td colspan="2">Type</td></tr>
<tr><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td>Username</td><td>String</td><td>Username provided by TCU application with Session token</td></tr>
<tr><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains the form 4 and form 6 Index numbers as well as applicant category.

i. String
Form Four Index Number in given format.
For applicants with NECTA certificate the Format for Form Four Index Number is “S1001/0012/2014”

ii. String
Form Six Index Number in given format.
For applicants with NECTA certificate the Format for Form Four Index Number is “S1001/0512/2018”

iii. Character
Applicant Category.
‘A’ for A-level, ‘D’ for Diploma holders, 'F' for Foundation holders and 'B' for bachelor degree holders

iv. String
Other form four index number(s)

v. String
Other form six index number(s)</td></tr>
</table>

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	Varchar, 15	Mandatory	Form Four Index Number in specific format. For applicants with NECTA certificate the format for Form Four Index Number is "S1001/0512/2018"
f6indexno	Varchar, 15	Mandatory	Form Six Index Number in specific format. For applicants with NECTA certificate the format for Form Four Index Number is "S1001/0512/2018"
Category	Character,1	Mandatory	'A' for A-level and 'D' for Diploma holders
Otherf4indexno	Varchar, 100	Optional	Separated by comma other form four index numbers.
Otherf6indexno	Varchar, 100	Optional	Separated by comma other form six index numbers.

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding applicant's insert status i.e. status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
f4indexno	Varchar, 15	Form Four Index Number
StatusCode	Varchar, 20	Insertion status code
StatusDescription	Varchar, 128	Status Description of Service Response

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken >
<RequestParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <f6indexno> S1001/0562/2018 </f6indexno>
        <Category>A</Category>
        <Otherf4indexno> P1001/0012/2016, P1020/0289/2015</Otherf4indexno>
        <Otherf6indexno> P1001/0562/2016, P0234/0002/2014 </Otherf6indexno>
</RequestParameters>
<RequestParameters>
        <f4indexno> S1001/0013/2018</f4indexno>
        <f6indexno>S1001/0563/2018 </f6indexno>
        <Category>A</Category>
        <Otherf4indexno> P1001/0012/2016, P1020/0289/2015</Otherf4indexno>
        <Otherf6indexno> P1001/0562/2016, P0234/0002/2014 </Otherf6indexno>
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
        <f4indexno>S1001/0012/2018</f4indexno>
        <StatusCode>200</StatusCode>
        <StatusDescription>Data successfully inserted</StatusDescription>
</ResponseParameters>
</Response>
```

3.3 Submit Applicant Programme Choices

Web Service Method	Description
Submit Programme	Submit Applicant Programme Choices After selection for admission has been done, submit the list of applicants with their choices and other contact details to TCU (TCU’s template). Form four index number, form six index number, programme choices, mobile number, email, admission status, programme of admission, reason, nationality, impairment, date of birth, other form four index number, National Identification Number (NIN) and other form six index number.

Url: https://api.tcu.go.tz/applicants/submitProgramme
Call method: POST

(a) **Request Parameters**

<table>
<tr><td>Name</td><td colspan="3">i. Form Four Index number
ii. Form Six Index number
iii. Selected programmes (separated by comma)
iv. Mobile number
v. Other Mobile number
vi. Email address
vii. Applicant category
viii. Admission status
ix. Programme admitted
x. Reason
xi. Nationality
xii. Impairment
xiii. Date of birth
xiv. Other form four index number
xv. Other form six index number
xvi. National Identification Number</td></tr>
<tr><td>Direction</td><td colspan="3">Input</td></tr>
<tr><td rowspan="8">Type</td><td colspan="3">submitProgramme</td></tr>
<tr><td colspan="3">Content type</td></tr>
<tr><td>Component</td><td colspan="2">Type</td></tr>
<tr><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td>Username</td><td>String</td><td>Username provided by TCU</td></tr>
<tr><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains the Form four and form six index numbers or AVN number, applicant's selected programmes , National Identification Number, nationality, impairment (disability) as well as date of birth

i. String
Form Four Index Number in given format. For applicants with NECTA certificate the Format for Form Four Index Number is "S1001/0012/2014"</td></tr>
</table>

		ii. String Form Six Index Number in given format. For applicants with NECTA certificate the Format for Form Four Index Number is "S1001/0512/2018" iii. String Selected programmes (separated by comma) iv. Character Applicant Category. 'A' for A-level and 'D' for Diploma holders v. String Mobile number vi. String Other Mobile number vii. String Email address viii. String Admission Status ix. String Programme admitted x. String Reason xi. String Nationality xii. String Impairment xiii. String Date of birth. Date format YYYY-MM-DD xiv. String Other form four index number xiii: String Other form six index number xiii: String National Identification Number

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	Varchar, 15	Mandatory	Form Four Index Number in specific format Form Four Index Number format "S1001/0012/2018"
f6indexno	Varchar, 15	Mandatory	Form Six Index number
SelectedProgrammes	Varchar, 100	Mandatory	List of selected programmes separated by comma.
MobileNumber	Varchar,15	Mandatory	Applicant's mobile number
OtherMobileNumber	Varchar,15	Optional	Other Applicant's mobile number (Next of kin)
EmailAddress	Varchar,30	Mandatory	Applicant's email address
Category	Character,1	Mandatory	Applicant Category
AdmissionStatus	Varchar,10	Mandatory	Admission status
ProgrammeAdmitted	Varchar,10	Optionals	Programme the applicant is admitted to
Reason	Varchar, 100	Mandatory	Reason for not being admitted
Nationality	Varchar, 50	Mandatory	Applicant's nationality
Impairment	Varchar, 20	Mandatory	Applicant's disability
DateOfBirth	Varchar, 12	Mandatory	Applicant's date of birth
Otherf4indexno	Varchar , 100	Optional	Additional A-level sittings
Otherf6indexno	Varchar, 100	Optional	Additional O-level sittings
NationalIdNumber	Varchar, 50	Optional	National Identification Number

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
f4indexno	Varchar, 15	Form Four Index Number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>UDSM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <f4indexno> S1001/0012/2018</f4indexno >
        <f6indexno> S1001/0562/2018 </f6indexno>
        <SelectedProgrammes>UD023, UD038, UD022</SelectedProgrammes>
        <MobileNumber> 0766345678</MobileNumber>
        <OtherMobileNumber> 0766345678</OtherMobileNumber>
        <EmailAddress> steve2014@hotmail.com </EmailAddress>
        <Category>A</Category>
        <AdmissionStatus>provisional admission </AdmissionStatus>
        <ProgrammeAdmitted>UD038</ProgrammeAdmitted>
        <Reason>eligible</Reason>
        <Nationality >Tanzanian</Nationality>
        <Impairment>None</Impairment>
        <DateOfBirth>1980-12-09</DateOfBirth>
        <NationalIdNumber>19620228-00001-00001-19</NationalIdNumber>
        <Otherf4indexno>S0001/0001/2009, S0001/0001/2010</Otherf4indexno>
        <Otherf6indexno> S0001/0501/2009, S0001/0501/2010</Otherf6indexno>
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <StatusCode>200</StatusCode>
        <StatusDescription>Operation was performed successfully</StatusDescription>
</ResponseParameters>
</Response>
```

3.4 Confirm Applicant Selection

Web Service Method	Description
Applicant Confirmation	**Confirm Applicant Selection** Each applicant with multiple selections shall use a TCU provided token/code to confirm selection to ONLY one HLI, and the same shall be confirmed with TCU.

Url: https://api.tcu.go.tz/admission/confirm
Call method: POST

(a) **Request Parameters**

Name	i. Form Four Index number ii. Confirmation code		
Direction	Input		
Type	confirm		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	I. String Form Four Index Number in given format. Form Four Index Number format "S1001/0012/2018" II. String Confirmation Code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	Varchar, 15	Mandatory	Form Four Index Number in specific format Form Four Index Number format "S1001/0012/2018"
ConfirmationCode	Varchar , 12	Mandatory	A confirmation code

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements

		Body of the response contains the information regarding applicant status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
f4indexno	Varchar, 15	Form four index number
StatusCode	Varchar, 50	Service response status code
StatusDescription	Varchar, 128	Description of service response status code

N.B. HEIs should ONLY consider the applicant as confirmed If and only if the appropriate confirmation status from TCU is received. If not another HLI could claim the confirmation should the applicant decide to change his/her mind and confirm elsewhere.

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <ConfirmationCode>A5267Y</ConfirmationCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <StatusCode>200</StatusCode>
        <StatusDescription>Operation was successful</StatusDescription>
</ResponseParameters>
</Response>
```

3.5 Unconfirm Admission

Web Service Method	Description
Unconfirm Admission	Unconfirm Admission An applicant that had confirmed can unconfirm the admission via the respective HLI online system, and the same shall be passed on to TCU.

Url: https://api.tcu.go.tz/admission/unconfirm
Call method: POST

(a) **Request Parameters**

Name	i. Form four index number ii. Confirmation code		
Direction	Input		
Type	unconfirm		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Form Four Index Number in given format. Form Four Index Number format "S1001/0012/2018" ii. String Confirmation Code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	Varchar, 15	Mandatory	Form Four Index Number in specific format Form Four Index Number format "S1001/0012/2018"
ConfirmationCode	Varchar , 12	Mandatory	"REJECT" to imply a previously confirmed admission is now being released

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type

	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Status and error code objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
f4indexno	Varchar, 15	Form four index number
StatusCode	Varchar, 50	Service response status code
StatusDescription	Varchar, 128	Description of service response status code

Example request

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>UDSM</Username>
        < SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters >
        <f4indexno> S1001/0012/2018</f4indexno>
        <ConfirmationCode>36R96P</ConfirmationCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
<ResponseParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <StatusCode>200</StatusCode>
        <StatusDescription>Operation was successful</StatusDescription>
</ResponseParameters>
</Response>
```

3.6 Resubmit Applicant Details

Web Service Method	Description
Resubmit Programme	Resubmit rectified applicants: Update TCU on applicant details that might be different from the initial submission=> form four index number, form six index number, programme choices, mobile number, other mobile number, email, admission status, programme of admission , reason, applicant category, other form four index

	number(s), other form six index number(s), nationality, impairment, date of birth

Url: https://api.tcu.go.tz/applicants/resubmit
Call method: POST

(a) **Request Parameters**

Name	i. Form four index number ii. Form six index number iii. Programme choices iv. Mobile number v. Other mobile number vi. Email address vii. Admission status viii. Programme admitted ix. Reason x. Applicant category xi. Other form four index number(s) xii. Other form six index number(s) xiii. Nationality xiv. Impairment xi. Date of birth		
Direction	Input		
Type	resubmit		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Form Four Index Number in given format. For applicants with NECTA certificate the format for Form Four Index Number is "S1001/0012/2014" ii. String Form Six Index Number in given format. For applicants with NECTA certificate the format for Form Six Index Number is "S1001/0012/2014" iii. String Programme choices iv. String	

		Mobile number v. String Other Mobile number vi. String Email vii. String Admission status viii. String Programme admitted ix. String Reason x. Character Applicant category xi. String Other form four index number(s) xii. String Other form six index number(s) xiii. String Nationality xiv. String Date of birth xv. String Impairment

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	Varchar, 15	Mandatory	Form Four Index Number in given format. For applicants with NECTA certificate the format for Form Four Index Number is "S1001/0012/2014"
f6indexno	Varchar , 15	Mandatory	Form Six Index Number in given format. For applicants with NECTA certificate the format for Form Six Index Number is S1001/0012/2014"
SelectedProgrammes	Varchar, 100	Mandatory	Comma separated List of selected programmes

MobileNumber	Varchar,15	Mandatory	Applicant's mobile number
OtherMobileNumber	Varchar,15	Optional	Other Applicant's mobile number
EmailAddress	Varchar,30	Mandatory	Applicant's email address
AdmissionStatus	Varchar,10	Mandatory	Admission status
ProgrammeAdmitted	Varchar,10	Mandatory	Programme the applicant is admitted to
Reason	Varchar, 100	Mandatory	Reason for not being admitted
Category	char , 1	Mandatory	Applicant category 'A' for Form Six and 'D' for Diploma holders
Otherf4indexno	Varchar, 100	Optional	Comma separated other form four index numbers
Otherf6indexno	Varchar, 100	Optional	Comma separated other form six index numbers
Nationality	Varchar, 50	Mandatory	Applicant's nationality
Impairment	Varchar, 20	Mandatory	Applicant's disability
Date of Birth	Varchar, 12	Mandatory	Applicant's date of birth

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
f4indexno	Varchar, 15	Form Four Index Number
StatusCode	Varchar, 50	Response status code
StatusDescription	Varchar, 128	Description of status code

Example request

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken >
<RequestParameters>
        <f4indexno> S1001/0012/2018</f4indexno >
        <f6indexno> S1001/0562/2018 </f6indexno>
        <SelectedProgrammes>UD023, UD038, UD022</SelectedProgrammes>
```

<MobileNumber> 0766345678</MobileNumber>
<OtherMobileNumber>0766345679<OtherMobileNumber>
<EmailAddress>steve2014@hotmail.com </EmailAddress>
<AdmissionStatus>Provisional admission </AdmissionStatus>
<ProgrammeAdmitted>UD038</ProgrammeAdmitted>
<Category>eligible</Category>
<Reason>eligible</Reason>
<Nationality >Tanzanian</Nationality>
<Impairment>None</Impairment>
<DateOfBirth>1980-12-09</DateOfBirth>
<Otherf4indexno> P1001/0012/2016, P1020/0289/2015</Otherf4indexno>
<Otherf6indexno> P1001/0562/2016,P0234/0002/2014 </Otherf6indexno>
</RequestParameters>
</Request>

Example response

<?xml version="1.0" encoding="UTF-8"?>
<Response>
<ResponseParameters>
<f4indexno> S1001/0012/2018</f4indexno>
<StatusCode>200</StatusCode>
<StatusDescription>Operation was performed successfully</StatusDescription>
</ResponseParameters>
</Response>

3.7 Populate Dashboard

Web Service Method	Description
Populate Dashboard	Populate Dashboard Update latest application statistics to the TCU dashboard (update once a day) => programme code, number of males and number of females

Url: https://api.tcu.go.tz/dashboard/populate
Call method: POST

(a) **Request Parameters**

Name	i. Programme Code ii. Males iii. Females	
Direction	Input	
Type	populate	
	Content type	
	Component	Type

	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme Code ii. Integer Males: Number of male applicants iii. Integer Females: Number of female applicants	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 5	Mandatory	Programme code as per TCU Guide Book
Males	integer, 4	Mandatory	Number of male applicants
Females	integer, 4	Mandatory	Number of female applicants

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding applicant status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
f4indexno	Varchar, 15	Form Four Index Number
StatusCode	Varchar, 50	Service response status code
StatusDescription	Varchar, 128	Description of service response status description

Example request

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <ProgrammeCode>DM038</ProgrammeCode>
        <Males>45</Males>
        <Females>60</Females>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8"?>
  <Response>
        <ResponseParameters>
                <ProgrammeCode> DM038</ProgrammeCode>
                 <StatusCode>200</StatusCode>
                <StatusDescription>The operation was performed
successfully</StatusDescription>
        </ResponseParameters>
  </Response>
```

3.8 Get Admitted Applicants

Web Service Method	Description
Get Admitted	Get admitted applicants: Download a list of admitted and confirmed applicants (per institution, per course)

Url: https://api.tcu.go.tz/admission/getAdmitted
Call method: POST

(a) **Request Parameters**

Name	i. Programme Code		
Direction	Input		
Type	getAdmitted		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description

	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. Varchar : Programme Code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 5	Mandatory	Programme code as per TCU Guide Book

(c) **Response Parameters**

Name	i. Programme Code ii. Status Code iii. Status Description iv. Applicant's details	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the InstitutionCode, programme and array of Form Four Index Numbers i. String Programme Code ii. Integer Status Code iii. String Status Description iv. String Containing list of form four index numbers

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
StatusCode	Varchar, 50	Service response status code
StatusDescription	Varchar, 128	Description of service response status code
ProgrammeCode	Varchar, 5	Programme code
f4indexno	Varchar, 15	Form four index number
f6indexno	Varchar, 15	Form six index number
MobileNumber	Varchar, 15	Applicant's mobile number
EmailAddress	Varchar, 70	Applicant's email address

AdmissionStatus	Varchar, 128	Applicant's admission status

Example request

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <ProgrammeCode>DM023</ProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
<ResponseParameters >
        <ProgrammeCode>DM023</ProgrammeCode>
        <StatusCode>200</StatusCode>
        <StatusDescription>Operation was successful</StatusDescription>
        <Applicant>
                <f4indexno> S1001/0012/2016</f4indexno >
                <f6indexno> S1001/0562/2018 </f6indexno>
                <MobileNumber> 0766345678</MobileNumber>
                <EmailAddress>steve2014@hotmail.com</EmailAddress>
                <AdmissionStatus>Provisional admission</AdmissionStatus>
        </Applicant>
        <Applicant>
                <f4indexno> S1001/0013/2016</f4indexno >
                <f6indexno> S1001/0565/2018 </f6indexno>
                <MobileNumber> 0766345678</MobileNumber>
                <EmailAddress> applicant@hotmail.com </EmailAddress>
                <AdmissionStatus>Provisional admission </AdmissionStatus>
        </Applicant>
        <Applicant>
                <f4indexno> S1001/0042/2016</f4indexno >
                <f6indexno> S1001/0572/2018 </f6indexno>
                <MobileNumber> 0766345678</MobileNumber>
                <EmailAddress> steve2014@hotmail.com </EmailAddress>
                <AdmissionStatus>provisional admission </AdmissionStatus>
        </Applicant>
        <Applicant>
                <f4indexno> S1001/0016/2016</f4indexno >
                <f6indexno> S1001/0662/2018 </f6indexno>
                <MobileNumber> 0766345678</ MobileNumber>
```

```
                <EmailAddress> steve2014@hotmail.com </ EmailAddress>
                <AdmissionStatus>provisional admission </AdmissionStatus>
            </Applicant>
</ResponseParameters>
</Response>
```

3.9 Get Programmes with Admitted Candidates

Web Service Method	Description
Get Programmes with Admitted applicants	Get programmes with Admitted candidates Download a list of institutions with all programmes with admitted applicants

Url: https://api.tcu.go.tz/admission/getProgrammes
Call method: POST

(a) **Request Parameters**

Direction	Input		
Type	getProgrammes		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.

(b) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information: list of programmes that has at least one selected applicant

(c) **Response Payload**

Attribute, Type & Length	Field Format	Description
StatusCode	Varchar, 20	Service response status code
StatusDescription	Varchar, 128	Description of service response status code
ProgrammeCode	Varchar, 5	Programme code
NumberOfApplicant	Integer	Number of applicants

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
        <StatusCode>200</StatusCode>
        <StatusDescription>Data successfully retrieved</StatusDescription>
        <Programme>
                <ProgrammeCode>DM001 </ProgrammeCode>
                <NumberOfApplicant>90 </NumberOfApplicant>
        </Programme>
        <Programme>
                <ProgrammeCode>DM002 </ProgrammeCode>
                <NumberOfApplicant>120 </NumberOfApplicant>
         </Programme>
        <Programme>
                <ProgrammeCode>DM003 </ProgrammeCode>
                <NumberOfApplicant>140 </NumberOfApplicant>
         </Programme>
</ResponseParameters>
</Response>
```

3.10 Get applicants’ Admission Status

Web Service Method	Description
Get Applicant's Admission Status	Get applicants' Admission Status Download a list of applicants with their admission status i.e whether they have single or multiple admissions

Url: https://api.tcu.go.tz/applicants/getStatus
Call method: POST

Note: This is an alternative to broadcasting multiple/single admission status (PUSH from TCU's Side). Now HEIs can PULL the admission status

(a) **Request Parameters**

Name	i. Programme code		
Direction	Input		
Type	getStatus		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 5	Mandatory	Programme code as per TCU Guide Book

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type

	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
StatusCode	Varchar, 50	Service status code
StatusDescription	Varchar, 128	Description of status code
f4indexno	Varchar,15	Form four index number
AdmissionStatus	Varchar , 100	Applicant's admission status

Example request

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <ProgrammeCode>DM023</ProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
<ResponseParameters>
        <StatusCode>200</StatusCode>
        <StatusDescription>The operation was performed
                                successfully</StatusDescription>
        <ProgrammeCode> DM023</ProgrammeCode>
        <Applicant>
                <f4indexno> S1001/0012/2016</f4indexno>
                <AdmissionStatusCode>225</AdmissionStatusCode>
                <AdmissionStatusDescription>The applicant has multiple
                admission</AdmissionStatusDescription>
        </Applicant>
        <Applicant>
                <f4indexno> S1001/0013/2016</f4indexno>
                <AdmissionStatusCode>225</AdmissionStatusCode>
                <AdmissionStatusDescription>The applicant has multiple
                 admissions</AdmissionStatusDescription>
        </Applicant>
```

```
        <Applicant>
                <f4indexno> S1001/0042/2016</f4indexno>
                <AdmissionStatusCode>226</AdmissionStatusCode>
                <AdmissionStatusDescription>The applicant has single
                 admission</AdmissionStatusDescription>

        </Applicant>
        <Applicant>
                <f4indexno> S1001/0016/2016</f4indexno>
                <AdmissionStatusCode>226</AdmissionStatusCode>
                <AdmissionStatusDescription>The applicant has single
                 admission</AdmissionStatusDescription>
        </Applicant>
</ResponseParameters>
</Response>
```

3.11 Get a list of confirmed applicants

Web Service Method	Description
Get list of confirmed applicants	irmed applicants icants with multiple admission but who confirmed elsewhere

Url: https://api.tcu.go.tz/applicants/getConfirmed
Call method: POST

Note: This is similar to 3.11 only that it narrows down to applicants with multiple admissions only. This is useful for feedback after some students have confirmed their admission to some HEIs

(a) **Request Parameters**

Name	i. Programme Code		
Direction	Input		
Type	getConfirmed		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme Code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	String,5	Mandatory	Programme code

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information : programme code, list of confirmed applicants

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
ProgrammeCode	Varchar, 5	Programme code
f4indexno	Varchar, 15	List of index numbers
StatusCode	Varchar, 20	Service response status code
StatusDescription	Varchar, 128	Description of service response status code
ConfirmationStatusCode	Varchar, 5	Confirmation status Code

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <ProgrammeCode> DM023</ProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
        <ProgrammeCode> DM023</ProgrammeCode>
        <StatusCode>200</StatusCode>
```

```
<StatusDescription>Data successfully retrieved</StatusDescription>
<Applicant>
        <f4indexno> S1001/0013/2016</f4indexno>
        <f6indexno> S1001/0590/2018</f6indexno>
        <DiplomaRegNo>AVN2018927682</DiplomaRegNo>
        <ProgrammeCode> UD034</ProgrammeCode>
        <ConfirmationStatusCode>234</ConfirmationStatusCode>
        <AdmissionStatus> confirmed to other HLI </AdmissionStatus>
</Applicant>
<Applicant>
        <f4indexno> S1001/0042/2016</f4indexno>
        <f6indexno> S1001/0545/2018</f6indexno>
        <DiplomaRegNo>AVN20180982FE</DiplomaRegNo>
        <ProgrammeCode> DD034</ProgrammeCode>
        <ConfirmationStatusCode>233</ConfirmationStatusCode>
        <AdmissionStatus>Confirmed </AdmissionStatus>
</Applicant>
<Applicant>
        <f4indexno> S1001/0016/2016</f4indexno>
        <f6indexno> S1001/0516/2018</f6indexno>
        <DiplomaRegNo>AVN20189282ME</DiplomaRegNo>
        <ProgrammeCode> UD034</ProgrammeCode>
        <ConfirmationStatusCode>234</ConfirmationStatusCode>
        <AdmissionStatus>confirmed to other HLI</AdmissionStatus>
</Applicant>
</ResponseParameters>
</Response>
```

3.12 Request confirmation code

Web Service Method	Description
Request confirmation code	Request confirmation code An applicant that had multiple admission can request confirmation code via the respective HLI online system, and the same shall be passed on to TCU.

Url: https://api.tcu.go.tz/admission/requestConfirmationCode
Call method: POST

(a) **Request Parameters**

Name	i. Form four index number ii. Mobile Number iii. Email Address	
Direction	Input	
Type	requestConfirmationCode	
	Content type	
	Component	Type
	Header	Request header section

		Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Form four index number ii. String Mobile number iii. String Email address	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	String,5	Mandatory	Form four index number
MobileNumber	String,12	Mandatory	Mobile number
EmailAddress	String, 50	Mandatory	Email address

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information : form four index number, status code and status description

(c) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
f4indexno	Varchar, 15	List of index numbers
StatusCode	Varchar, 20	Service response status code
StatusDescription	Varchar, 128	Description of service response status code

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
          <f4indexno>S0001/0118/2019</f4indexno>
```

```
        <MobileNumber>06XXXXXXXX</MobileNumber>
        <EmailAddress>xyz@yahoo.com</ EmailAddress >
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
<ResponseParameters>
        <f4indexno>S0001/0118/2019</f4indexno>
        <StatusCode>223</StatusCode>
        <StatusDescription>Confirmation code has been sent to your email address and
                mobile number</StatusDescription>
</ResponseParameters>
</Response>
```

3.13 Cancel/Reject Admission

Web Service Method	Description
Cancel/Reject Admission	Cancel/ Reject Admission An applicant that had prior admission can cancel his admission via the respective HLI online system, and the same shall be passed on to TCU.

Url: https://api.tcu.go.tz/admission/reject
Call method: POST

(a) **Request Parameters**

Name	i. Form four index number		
Direction	Input		
Type	requestConfirmationCode		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Form four index number	

(b) **Request Payload**

Attribute, Type & Length	Field Format	Usage	Description
f4indexno	String,15	Mandatory	Form four index number

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information : form four index number, status code and status description

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
f4indexno	Varchar, 15	List of index numbers
StatusCode	Varchar, 20	Service response status code
StatusDescription	Varchar, 128	Description of service response status code

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
          <f4indexno>S0001/0018/2019</f4indexno>
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
        <f4indexno>S0001/0118/2019</f4indexno>
        <StatusCode>224</StatusCode>
        <StatusDescription>You have no admission to this institution. </StatusDescription>
</ResponseParameters>
</Response>
```

3.14 Submit Internal Transfers

Web Service Method	Description
Submit internal transfers	An applicant that has been admitted but wishes to transfer to another programme within the same institution.

Url: https://api.tcu.go.tz/admission/submitInternalTransfers
Call method: POST

(a) **Request Parameters**

Name	i. Form four index number ii. Form six index number iii. Previous Programme Code iv. Current Programme Code		
Direction	Input		
Type	submitInternalTransfers		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Form four index number ii. String Form six index number iii. String Previous Programme Code iv. String Current Programme Code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	String,15	Mandatory	Form four index number
f6indexno	String,15	Mandatory	Form six index number
CurrentProgrammeCode	Varchar,5	Mandatory	Current programme code

PreviousProgrammeCode	Varchar,5	Mandatory	Previous programme code

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information: form four index number, status code and status description

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
f4indexno	Varchar, 15	List of index numbers
StatusCode	Varchar, 20	Service response status code
StatusDescription	Varchar, 128	Description of service response status code

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
          <f4indexno>S0001/0018/2015</f4indexno>
          <f6indexno>S0001/0018/2019</f6indexno>
         <CurrentProgrammeCode>DM002</CurrentProgrammeCode>
        <PreviousProgrammeCode>DM001</PreviousProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
    <f4indexno>S0001/0018/2015</f4indexno>
    <StatusCode>208</StatusCode>
```

```
    <StatusDescription>The applicant has already been submitted
     previously <StatusDescription>
</ResponseParameters>
</Response>
```

3.15 Submit Inter Institutional Transfers

Web Service Method	Description
Submit inter institutional transfers	An applicant that has been admitted and wishes to transfer to another institution.

Url: https://api.tcu.go.tz/admission/submitInterInstitutionalTransfers
Call method: POST

(a) Request Parameters

Name	i. Form four index number ii. Form six index number iii. Previous Programme Code iv. Current Programme Code		
Direction	Input		
Type	requestConfirmationCode		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Form four index number ii. String Form six index number iii. String Previous Programme Code iv. String Current Programme Code	

(b) Request Payload

Attribute, Type & Length	Field Format	Usage	Description
f4indexno	String,15	Mandatory	Form four index number
f6indexno	String,15	Mandatory	Form six index number
CurrentProgrammeCode	Varchar,5	Mandatory	Current programme code

PreviousProgrammeCode	Varchar,5	Mandatory	Previous programme code

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information: form four index number, status code and status description

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
f4indexno	Varchar, 15	List of index numbers
StatusCode	Varchar, 20	Service response status code
StatusDescription	Varchar, 128	Description of service response status code

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
          <f4indexno>S0001/0018/2015</f4indexno>
          <f6indexno>S0001/0018/2019</f6indexno>
          <CurrentProgrammeCode>DM002</CurrentProgrammeCode>
          <PreviousProgrammeCode>DM001</PreviousProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
        <f4indexno>S0001/0118/2019</f4indexno>
        <StatusCode>224</StatusCode>
        <StatusDescription>You have no admission to this institution.</StatusDescription>
</ResponseParameters>
</Response>
```

3.16 Get applicants' Verification Status

Web Service Method	Description
Get Applicant's Verification Status	Get applicants' Verification Status Download a list of applicants with their verification status

Url: https://api.tcu.go.tz/applicants/getApplicantVerificationStatus
Call method: POST

Note: This is an alternative to broadcasting the admission verification status (PUSH from TCU's Side). Now HEIs can PULL the admission verification status

(a) **Request Parameters**

Name	i. Programme code		
Direction	Input		
Type	**getApplicantVerificationStatus**		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 5	Mandatory	Programme code as per TCU Guide Book

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant

		Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
StatusCode	Varchar, 50	Service status code
StatusDescription	Varchar, 128	Description of status code
f4indexno	Varchar,15	Form four index number
AdmissionStatus	Varchar , 100	Applicant's admission status
VerificationStatusCode	Varchar, 6	Applicant's verification status code

Example request

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>DM</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <ProgrammeCode>DM023</ProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
<ResponseParameters>
        <StatusCode>200</StatusCode>
        <StatusDescription>The operation was performed
                                successfully</StatusDescription>
        <ProgrammeCode> DM023</ProgrammeCode>
        <Applicant>
                <f4indexno> S1001/0012/2016</f4indexno>
                < VerificationStatusCode > 232</ VerificationStatusCode >
                <AdmissionStatus>Did not meet minimum
        requirements</AdmissionStatus>
        </Applicant>
        <Applicant>
                <f4indexno> S1001/0013/2016</f4indexno>
                < VerificationStatusCode > 232</ VerificationStatusCode >
                <AdmissionStatus>Failed Mandatory subject</AdmissionStatus>
        </Applicant>
        <Applicant>
                <f4indexno> S1001/0042/2016</f4indexno>
                < VerificationStatusCode >232 </ VerificationStatusCode >
                <AdmissionStatus>Does not meet minimum
                 entry requirements</AdmissionStatus>
```

```
        </Applicant>
        <Applicant>
                <f4indexno> S1001/0016/2016</f4indexno>
                < VerificationStatusCode >231 </ VerificationStatusCode >
                <AdmissionStatus>Qualified</AdmissionStatus>
        </Applicant>
</ResponseParameters>
</Response>
```

3.17 Submit enrolled/registered students

Web Service Method	Description
Submit enrolled/registered students	Submit to TCU the list of registered/enrolled students into a programme of study in the academic year. This endpoint is used to submit students enrolled in all programmes from Certificate to PhD in university institutions and students registered into Undergraduate programmes in Non-University institutions.

Url: https://api.tcu.go.tz/applicants/submitEnrolledStudents
Call method: POST

(a) **Request Parameters**

Name	i. First name ii. Middle name iii. Surname iv. Gender v. Nationality vi. Date of birth vii. Programme category viii. Field of specialization ix. Year of study x. Study mode xi. Status of whether repeating a year or not xii. Entry mode (qualification) xiii. Sponsorship information xiv. Physical challenges/impairment xv. F4 index number xvi. Programme name xvii. Registration number xviii. Programme code xix. Year of admission
Direction	Input
Type	**submitEnrolledStudents**
	Content type

<table>
<tr><td></td><td>Component</td><td colspan="2">Type</td></tr>
<tr><td></td><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td></td><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td></td><td>Username</td><td>String</td><td>Username provided by TCU</td></tr>
<tr><td></td><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td></td><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains the names, form four index number, Gender, Nationality, Date of birth, Programme category, Field of specialization, Year of study, Study mode, Status of whether repeating a year or not, Entry mode (qualification), Sponsorship information, Physical challenges/impairment, Programme name, Registration number, Programme code and Year of admission

i. String
First name

ii. String
Middle name

iii. String
Surname

iv. Character
Gender

v. String
Nationality

vi. Year
Date of birth e.g. 1981

vii. String
Programme category e.g. “Bachelor Degree”

viii. String
Field of specialization e.g. “Architecture”

ix. String
Year of study e. g. “First Year”

x. String
Study mode e.g. “Full Time”</td></tr>
</table>

		xi. String Status of whether repeating a year or not e.g. for student repeating the year, the status is "YES" xii. String Entry mode (qualification) xiii. String Sponsorship information xiv. String Physical challenges/impairment, xv. String Form Four Index Number in given format. For applicants with NECTA certificate the format for Form Four Index Number is "S1001/0012/2014" xvi. String Programme name xvii. String Registration number issued by the institution to a student during registration xviii. String Programme code xix. Year Year of admission e.g. 2017

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
Fname	Varchar, 35	Mandatory	Students first name as appearing on the form four certificate
Mname	Varchar, 35	Optional	Students Middle/Second name as appearing on the form four certificate
Surname	Varchar, 35	Mandatory	Students surname as appearing on the form four certificate
F4indexno	Varchar, 35	Mandatory	Form four index number
Gender	Varchar,2	Mandatory	Students sex
Nationality	Varchar,50	Mandatory	Nationality of the student

DateOfBirth	Year,4	Mandatory	Student's year of birth
ProgrammeCategory	Varchar,50	Mandatory	Category of the programme the student is undertaking e.g. "Bachelor Degree"
Specialization	Varchar,50	Mandatory	Field of specialization
AdmissionYear	Year,4	Mandatory	Year the student was admitted into the programme e.g. 2018
ProgrammeCode	Varchar, 10	Mandatory	Programme Code
RegistrationNumber	Varchar, 50	Mandatory	Student's registration number
ProgrammeName	Varchar, 200	Mandatory	Programme name
YearOfStudy	Varchar, 15	Mandatory	Student's year of study
StudyMode	Varchar, 15	Mandatory	Mode of study
IsYearRepeat	Varchar, 3	Mandatory	Status whether the student is repeating a year or not. The values should be either "YES" or "No"
EntryMode	Varchar, 10	Mandatory	Student's mode of entry e.g. "Form Six" or "Diploma"
Sponsorship	Varchar, 150	Mandatory	Student's Sponsorship information e.g. "HESLB" for those receiving loans from HESLB
PhysicalChallenges	Varchar, 150	Mandatory	Physical challenges or impairments if any.

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Student registration number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
RegistrationNumber	Varchar, 35	Registration Number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding=" UTF-8"?>
<Request>
<UsernameToken>
<Username>UDSM</Username>
```

```
<SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters>
        <Fname>xxxxxx</Fname>
        <Mname></Mname>
        <Surname>zzzzzzz</Surname>
        <F4indexno>TZ76666668</F4indexno>
        <Gender>M</Gender>
        <Nationality>Tanzanian</Nationality>
        <DateOfBirth>1982</DateOfBirth>
        <ProgrammeCategory>Diploma</ProgrammeCategory>
        <Specialization>Health Sciences</Specialization>
        <AdmissionYear>2018</AdmissionYear>
        <ProgrammeCode>CW001</ProgrammeCode>
        <RegistrationNumber>TZ017/9999/2018</RegistrationNumber>
        <ProgrammeName>Bsc in applied Chemistry</ProgrammeName>
        <YearOfStudy>Second Year</YearOfStudy >
        <StudyMode>Full Time</StudyMode >
        <IsYearRepeat>NO</IsYearRepeat >
        <EntryMode>Diploma</EntryMode >
        <Sponsorship>ZHELB</Sponsorship >
        <PhysicalChallenges>None</PhysicalChallenges>
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=” UTF-8”?>
<Response>
    <ResponseParameters>
        <StatusCode>200</StatusCode>
        <RegistrationNumber>TZ017/9999/2018</RegistrationNumber>
        <StatusDescription>Operation was successful</StatusDescription>
   </ResponseParameters>
</Response>
```

3.18 Submit graduates

Web Service Method	Description
Submit graduates	Submit to TCU the list of graduates in the graduation year. This endpoint is used to submit graduates for all programmes from Certificate to PhD from university institutions and Bachelor and Postgraduate graduates from Non-University institutions.

Url: https://api.tcu.go.tz/applicants/submitGraduates
Call method: POST

(a) **Request Parameters**

<table>
<tr><td>Name</td><td colspan="3">i. First name
ii. Middle name
iii. Surname
iv. Gender
v. Registration number
vi. Field of specialization
vii. Category of award
viii. Award class
ix. Award name
x. Grade Points Average (GPA)
xi. Graduation year
xii. Registration year
xiii. F4 index number
xiv. Programme code
xv. National Identification Number (NIN- Issued by NIDA)</td></tr>
<tr><td>Direction</td><td colspan="3">Input</td></tr>
<tr><td rowspan="7">Type</td><td colspan="3">submitGraduates</td></tr>
<tr><td colspan="3">Content type</td></tr>
<tr><td>Component</td><td colspan="2">Type</td></tr>
<tr><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td>Username</td><td>String</td><td>Username provided by TCU</td></tr>
<tr><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains the names, form four index number, Gender, Registration number, Programme code, field of specialization, category of the award, award classification (class), name of the award, GPA, graduation year, registration year and National Identification Number (NIN)

i. String
First name

ii. String
Middle name

iii. String</td></tr>
</table>

		Surname iv. Character Gender v. String Field of specialization e.g. “Architecture” vi. String Category of award vii. String Award class viii. String Award name ix. String Grade Points Average (GPA) x. String Graduation year xi. String Registration year xii. String Form Four Index Number in given format. For applicants with NECTA certificate the format for Form Four Index Number is “S1001/0012/1980” xiii. String Programme code xiv. String Registration number issued by the institution to a student during registration xv. String National Identification Number

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
Fname	Varchar, 35	Mandatory	Graduates first name as appearing on the form four certificate
Mname	Varchar, 35	Optional	Graduates Middle/Second name as appearing on the form four certificate
Surname	Varchar, 35	Mandatory	Graduates surname as appearing on the form four certificate
F4indexno	Varchar, 35	Mandatory	Form four index number
Gender	Varchar,2	Mandatory	Graduates sex
ProgrammeCode	Varchar, 10	Mandatory	Programme Code
RegistrationNumber	Varchar, 50	Mandatory	Graduates's registration number
FieldOfSpecialization	Varchar, 255	Mandatory	Graduates area of specialization
AwardCategory	Varchar, 100	Mandatory	Category of the award e.g. "Bachelor Degree"
AwardClass	Varchar, 30	Mandatory	Classification of the award e.g. "First Class"
AwardName	Varchar, 255	Mandatory	The name of the award/programme
GPA	Varchar, 5	Mandatory	Overall scored GPA for classified degrees
GraduationYear	Varchar, 6	Mandatory	The year of graduation
RegistrationYear	Varchar, 6	Mandatory	The year registered into the programme
NationalIdNumber	Varchar, 30	Optional	National Identification Number (NIN) issued by NIDA

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Student registration number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
RegistrationNumber	Varchar, 35	Registration Number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <UsernameToken>
    <Username>XYZ</Username>
    <SessionToken>sWqW8majE2T22M4cerT</SessionToken>
  </UsernameToken>
  <RequestParameters>
    <Fname>JUMA</Fname>
    <Mname>M</Mname>
    <Surname>HAMZA</Surname>
    <F4indexno>S1546/0122/1980</F4indexno>
    <Gender>M</Gender>
    <FieldOfSpecialization>Architecture</FieldOfSpecialization>
    <AwardCategory>Bachelor Degree</AwardCategory>
    <AwardClass> Upper Second</AwardClass>
    <AwardName>Bachelor of Architecture</AwardName>
    <GPA>4.0</GPA>
    <RegistrationNumber>8228/T.1991</RegistrationNumber>
    <GraduationYear>2019</GraduationYear>
    <RegistrationYear>2014</RegistrationYear>
    <ProgrammeCode>XY001</ProgrammeCode>
    <NationalIdNumber>19620228-00001-00001-19</NationalIdNumber>
  </RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
 <Response>
  <ResponseParameters>
   <StatusCode>200</StatusCode>
   <RegistrationNumber>8228/T.1991</RegistrationNumber>
   <StatusDescription>Operation was successful</StatusDescription>
  </ResponseParameters>
 </Response>
</xml>
```

3.19 Submit Institution Staff

Web Service Method	Description
Submit Institution Staff	Submit to TCU the list of both academic and administrative staff

Url: https://api.tcu.go.tz/applicants/submitInstitutionStaff
Call method: POST

(a) **Request Parameters**

Name	i. First name ii. Middle name iii. Surname iv. Gender v. Tittle vi. Email vii. Highest qualification viii. Employment status ix. Source institution x. Year of birth xi. Nationality xii. Physical challenges xiii. Staff rank xiv. Staff role xv. Level of teaching xvi. Staff specialization xvii. Staff Identification Number xviii. National Identification Number (NIN- Issued by NIDA)		
Direction	Input		
Type	**submitInstitutionStaff**		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU System.
	Body	Request Body Section	

		Contains Elements Body contains the names, tittle, gender, highest qualifications, source institution, employment status, year of birth, nationality, physical challenges, staff rank, staff role, email address, level of teaching, staff field of specialization, staff Identification Number and National Identification Number (NIN) i. String First name ii. String Middle name iii. String Surname iv. Character Gender v. String Staff specialization e.g. “Architecture” vi. String Tittle vii. String Email viii. String Highest qualification ix. String Employment status x. String Source institution xi. String Year of birth xii. String Nationality xiii. String Physical challenges xiv. String

		Staff rank xv. String Staff role xvi. String Level of teaching xvii. String Staff Identification Number xviii. String National Identification Number

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
Fname	Varchar, 35	Mandatory	Staff first name as appearing on the form four certificate/payroll
Mname	Varchar, 35	Optional	Staff Middle/Second name as appearing on the form four certificate/payroll
Surname	Varchar, 35	Mandatory	Staff surname as appearing on the form four certificate/payroll
Tittle	Varchar, 5	Mandatory	Staff tittle/salutation
Gender	Varchar,2	Mandatory	Staff sex
HighestQualifications	Varchar, 20	Mandatory	The highest level of education attained e.g. PhD, Master's Degree etc.
EmploymentStatus	Varchar, 50	Mandatory	The employment status e.g. "Full Time"
StaffSpecialization	Varchar, 255	Mandatory	Staff field of specialization e.g. ICT
SourceInstitution	Varchar, 200	Mandatory	The institution at which the staff is permanently employed
PhysicalChallenges	Varchar, 255	Mandatory	Physical challenges or impairment
StaffRank	Varchar, 255	Mandatory	Staff rank e.g. Senior Lecturer, Associate Professor, Director etc.
StaffRole	Varchar, 50	Mandatory	Staff role in the institution e.g. "Academic Staff", "Administrative Staff" or "Both Academic and Administrative Staff"
YearOfBirth	Varchar, 6	Mandatory	The year of birth e.g. 1972
Nationality	Varchar, 255	Mandatory	Staff nationality

Email	Varchar, 255	Mandatory	Staff email address
LevelOfTeaching	Varchar, 255	Mandatory	The highest level the staff is allowed to teach based on his qualifications e.g. Tutorial Assistants are allowed to teach Diploma and Certificate students
StaffId	Varchar, 255	Mandatory	Staff Identification Number
NationalIdNumber	Varchar, 30	Optional	National Identification Number (NIN) issued by NIDA

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Staff Identification number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
StaffId	Varchar, 35	Staff Identification Number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <UsernameToken>
    <Username>XYZ</Username>
    <SessionToken> sWqW8majE2T22M4cerT </SessionToken>
  </UsernameToken>
  <RequestParameters>
    <Fname>HAMISI</Fname>
    <Mname>M.</Mname>
    <Surname> HAMISI </Surname>
    <Tittle>Dr.</Tittle>
    <Gender>M</Gender>
```

```
      <HighestQualifications>PhD</HighestQualifications>
      <EmploymentStatus>Full time</EmploymentStatus>
      <SourceInstitution> Ardhi University</SourceInstitution>
      <YearOfBirth>1962</YearOfBirth>
      <Nationality>Tanzanian</Nationality>
      <PhysicalChallenges>None</PhysicalChallenges>
      <StaffRank>Senior Lecturer</StaffRank>
      <Email>hamisi.hamza@xyz.ac.tz</Email>
      <StaffRole>Academic Staff</StaffRole>
      <LevelOfTeaching>PhD</LevelOfTeaching>
      <StaffSpecialization>ICT</StaffSpecialization>
      <StaffId>PF/1989/AC</StaffId>
      <NationalIdNumber>19620228-00001-00001-19</NationalIdNumber>
    </RequestParameters>
  </Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
 <Response>
   <ResponseParameters>
    <StatusCode>200</StatusCode>
    <StaffId> PF/1989/AC < /StaffId >
    <StatusDescription>Operation was successful</StatusDescription>
   </ResponseParameters>
 </Response>
</xml>
```

3.20 Get verification status for internally transferred students

Web Service Method	Description
Get verification status for internally transferred students	Download applicants who have requested for internal transfers and their TCU verification status

Url: https://api.tcu.go.tz/applicants/getInternalTransferStatus
Call method: POST

Note: This is an alternative to broadcasting the internal transfer verification status (PUSH from TCU's Side). Now HEIs can PULL the internal transfer verification status

(a) **Request Parameters**

Name	i. Programme code
Direction	Input
Type	**getInternalTransferStatus**
	Content type

	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 5	Mandatory	Programme code as per TCU Guide Book

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Verification Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
StatusCode	Varchar, 50	Service status code
StatusDescription	Varchar, 128	Description of status code
f4indexno	Varchar,15	Form four index number
VerificationStatus	Varchar , 100	Applicant's TCU verification status
VerificationStatusCode	Varchar , 6	Applicant's TCU verification status Code

Example request

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>
        <Username>MN</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ389i</SessionToken>
</UsernameToken>
<RequestParameters>
```

```
        <ProgrammeCode>MN062</ProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8" ?>
    <Response>
      <ResponseParameters>
          <StatusCode>200</StatusCode> <StatusDescription>Operation was
              successful</StatusDescription>
              <ProgrammeCode>MN062</ProgrammeCode>
                  <Applicant>
                    <f4indexno>S1025/0058/2013</f4indexno>
                   <VerificationStatusCode>231</ VerificationStatusCode >
                    <VerificationStatus>APPROVED</VerificationStatus>
                  </Applicant>
                  <Applicant>
                      <f4indexno>S0149/0070/2004</f4indexno>
                      <VerificationStatusCode>231</ VerificationStatusCode >
                      <VerificationStatus>APPROVED</VerificationStatus>
                 </Applicant>
                  <Applicant>
                      <f4indexno>S0931/0188/2015</f4indexno>
                      <VerificationStatusCode>231</ VerificationStatusCode >
                      <VerificationStatus>APPROVED</VerificationStatus>
                  </Applicant>
              </ResponseParameters>
        </Response>
      </xml>
```

3.21 Get verification status for inter-institutional transferred students

Web Service Method	Description
Get verification status for inter-institutional transferred students	Download applicants who have requested for inter-institutional (from one institution to another) transfers and their TCU verification status

Url: https://api.tcu.go.tz/applicants/getInterInstitutionalTransferStatus
Call method: POST

Note: This is an alternative to broadcasting the inter-institutional transfer verification status (PUSH from TCU's Side). Now HEIs can PULL the inter-institutional transfer verification status

(a) **Request Parameters**

Name	i. Programme code		
Direction	Input		
Type	**getInterInstitutionalTransferStatus**		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 5	Mandatory	Programme code as per TCU Guide Book

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Verification Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
StatusCode	Varchar, 50	Service status code
StatusDescription	Varchar, 128	Description of status code
f4indexno	Varchar,15	Form four index number
VerificationStatus	Varchar , 100	Applicant's TCU verification status
VerificationStatusCode	Varchar, 6	Applicant's TCU verification status Code

Example request

<?xml version="1.0" encoding="UTF-8"?>
<Request>

```
<UsernameToken>
        <Username>MN</Username>
        <SessionToken>OTcyMURGMTY5QTRENU3MUJ389i</SessionToken>
</UsernameToken>
<RequestParameters>
        <ProgrammeCode>MN068</ProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8" ?>
    <Response>
       <ResponseParameters>
           <StatusCode>200</StatusCode> <StatusDescription>Operation was
                successful</StatusDescription>
                <ProgrammeCode>MN068</ProgrammeCode>
                    <Applicant>
                      <f4indexno>S1025/0058/2013</f4indexno>
                      <VerificationStatusCode>231</ VerificationStatusCode >
                      <VerificationStatus>APPROVED</VerificationStatus>
                    </Applicant>
                    <Applicant>
                        <f4indexno>S0149/0070/2004</f4indexno>
                        <VerificationStatusCode>231</ VerificationStatusCode >
                        <VerificationStatus>APPROVED</VerificationStatus>
                   </Applicant>
                    <Applicant>
                        <f4indexno>S0931/0188/2015</f4indexno>
                       <VerificationStatusCode>231</ VerificationStatusCode >
                        <VerificationStatus>APPROVED</VerificationStatus>
                    </Applicant>
                </ResponseParameters>
          </Response>
        </xml>
```

3.22 Restore cancelled admission

Web Service Method	Description
Restore cancelled admission	Restore admission for applicants who previously cancelled their admissions

Url: https://api.tcu.go.tz/admission/restoreCancelledAdmission
Call method: POST

(a) **Request Parameters**

Name	i. Form four index number ii. Programme code		
Direction	Input		
Type	**restoreCancelledAdmission**		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	I. String Form Four Index Number in given format. Form Four Index Number format "S1001/0012/2018" II. String Programme Code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
f4indexno	Varchar, 20	Mandatory	Form Four Index Number in specific format Form Four Index Number format "S1001/0012/2018"
ProgrammeCode	Varchar, 8	Mandatory	Programme code as appearing in the Undergraduate Admissions Guidebook

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Status and error code objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
f4indexno	Varchar, 15	Form four index number
StatusCode	Varchar, 50	Service response status code
StatusDescription	Varchar, 128	Description of service response status code

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>UDSM</Username>
        < SessionToken>OTcyMURGMTY5QTRENU3MUJ</SessionToken>
</UsernameToken>
<RequestParameters >
        <f4indexno> S1001/0012/2018</f4indexno>
        <ProgrammeCode>UD009</ ProgrammeCode >
</RequestParameters>
</Request>
```

Example response

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Response>
<ResponseParameters>
        <f4indexno> S1001/0012/2018</f4indexno>
        <StatusCode>200</StatusCode>
        <StatusDescription>Operation was successful</StatusDescription>
</ResponseParameters>
</Response>
```

3.23 Submit students drop-outs

Web Service Method	Description
Submit students drop-outs	Add/Submit to TCU students who dropped their studies

Url: https://api.tcu.go.tz/applicants/submitStudentsDropOuts
Call method: POST

(a) **Request Parameters**

Name	i. First name ii. Middle name iii. Surname iv. Gender

<table>
<tr><td></td><td colspan="3">v. Form Four index number
vi. Year terminated
vii. Year of study
viii. Termination reason(s)
ix. Registration number
x. Programme category
xi. Programme name
xii. Programme code</td></tr>
<tr><td>Direction</td><td colspan="3">Input</td></tr>
<tr><td>Type</td><td colspan="3">submitStudentsDropOuts</td></tr>
<tr><td></td><td colspan="3">Content type</td></tr>
<tr><td></td><td>Component</td><td colspan="2">Type</td></tr>
<tr><td></td><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td></td><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td></td><td>Username</td><td>String</td><td>Username provided by TCU</td></tr>
<tr><td></td><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td></td><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains the names, gender, form four index number, year terminated, year of study, termination reason(s), registration number, programme category, programme name and programme code.

i. String
First name

ii. String
Middle name

iii. String
Surname

iv. Character
Gender

v. String
Year terminated

vi. String
Termination reason

vii. String
Programme category</td></tr>
</table>

		viii. String Programme name ix. String Programme code x. String Form four index number xi. String Registration number xii. String Year of study

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
Fname	Varchar, 35	Mandatory	Student first name as appearing on the form four certificate
Mname	Varchar, 35	Optional	Student Middle/Second name as appearing on the form four certificate
Surname	Varchar, 35	Mandatory	Student surname as appearing on the form four certificate
F4indexno	Varchar, 20	Mandatory	The form four index number
Gender	Varchar,2	Mandatory	Student sex
YearTerminated	Varchar, 4	Mandatory	Year a student terminated his/her studies e.g. 2019
YearOfStudy	Varchar, 15	Mandatory	Year of study e.g. "First Year"
TerminationReason	Varchar, 255	Mandatory	The reasons for dropping studies
RegistrationNumber	Varchar, 255	Mandatory	Student registration number
ProgrammeCategory	Varchar, 255	Mandatory	The programme level e.g. "Bachelor Degree", "Master's Degree" etc.
ProgrammeName	Varchar, 255	Mandatory	The programme name
ProgrammeCode	Varchar, 255	Mandatory	The programme name as appearing on the Undergraduate Admissions Guidebook

(c) **Response Parameters**

Name	TCU Information
Direction	Output
Type	TCUInformationResponse
	Content type

	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Student form four index number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
F4indexno	Varchar, 20	Form four index number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <UsernameToken>
    <Username>XYZ</Username>
    <SessionToken> sWqW8majE2T22M4cerT456i </SessionToken>
  </UsernameToken>
  <RequestParameters>
    <Fname>HAMISI</Fname>
    <Mname>M</Mname>
    <Surname>HAMZA</Surname>
    <Gender>M</Gender>
    <F4indexno>S1111/0001/2020</F4indexno>
    <YearTerminated>2019</YearTerminated>
    <YearOfStudy>First Year</ YearOfStudy >
    <TerminationReason>Failure to pay school fees</TerminationReason>
    <RegistrationNumber>T.2008/0002/1</RegistrationNumber>
    <ProgrammeCategory>Bachelor Degree</ProgrammeCategory>
    <ProgrammeName>Bachelor of Architecture</ProgrammeName>
    <ProgrammeCode>NM009</ProgrammeCode>
   </RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
 <Response>
  <ResponseParameters>
   <StatusCode>208</StatusCode>
   <F4indexno>S1111/0001/2020</F4indexno>
   <StatusDescription>The student has already been submitted
previously</StatusDescription>
  </ResponseParameters>
 </Response>
```

</xml>

3.24 Submit students who postponed studies

Web Service Method	Description
Submit students who postponed studies	Submit students who postponed studies in the current academic year

Url: https://api.tcu.go.tz/applicants/submitPostponedStudents
Call method: POST

(a) **Request Parameters**

Name	i. First name ii. Middle name iii. Surname iv. Gender v. Form Four index number vi. Postponement year vii. Year of study viii. Reason for postponement ix. Registration number x. Programme name xi. Programme code		
Direction	Input		
Type	**submitPostponedStudents**		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU System.
	Body	Request Body Section Contains Elements Body contains the names, gender, form four index number, postponement year, year of study, postponement reason(s), registration number, programme name and programme	

		code. i. String First name ii. String Middle name iii. String Surname iv. Character Gender v. String Postponement reason vi. String Postponement year vii. String Programme name viii. String Programme code ix. String Form four index number x. String Registration number xi. String Year of study

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
Fname	Varchar, 35	Mandatory	Student first name as appearing on the form four certificate
Mname	Varchar, 35	Optional	Student Middle/Second name as appearing on the form four certificate
Surname	Varchar, 35	Mandatory	Student surname as appearing on the form four certificate

F4indexno	Varchar, 20	Mandatory	The form four index number
Gender	Varchar,2	Mandatory	Student sex
RegistrationNumber	Varchar, 255	Mandatory	Student registration number
YearOfStudy	Varchar, 15	Mandatory	Year of study e.g. “First Year”
PostponmentYear	Varchar, 255	Mandatory	Postponement year e.g. 2018
PostponmentReason	Varchar, 255	Mandatory	The reasons for postponing studies
ProgrammeName	Varchar, 255	Mandatory	The programme name
ProgrammeCode	Varchar, 10	Mandatory	The programme name as appearing on the Undergraduate Admissions Guidebook

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Student form four index number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
F4indexno	Varchar, 20	Form four index number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <UsernameToken>
    <Username>XYZ</Username>
    <SessionToken> sWqW8majE2T22M4cerT456i </SessionToken>
  </UsernameToken>
```

```
  <RequestParameters>
    <Fname>HAMISI</Fname>
    <Mname>M</Mname>
    <Surname>HAMZA</Surname>
    <Gender>M</Gender>
    <F4indexno>S1111/0001/2020</F4indexno>
    <RegistrationNumber>T.2008/0002/1</RegistrationNumber>
    <YearOfStudy>First Year</YearOfStudy>
    <PostponmentYear>2018</PostponmentYear>
    <PostponmentReason>Failure to pay fees</PostponmentReason>
    <ProgrammeCode>NM009</ProgrammeCode>
    <ProgrammeName>Bachelor of Architecture</ProgrammeName>
  </RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
 <Response>
  <ResponseParameters>
   <StatusCode>200</StatusCode>
   <F4indexno>S1111/0001/2020</F4indexno>
   <StatusDescription>Operation was successful</StatusDescription>
 </ResponseParameters>
</Response>
</xml>
```

3.25 Submit admitted students into non-degree programmes

Web Service Method	Description
Submit admitted students into non-degree programmes	Add/submit students admitted into non-degree programmes (Certificates, Diplomas or Foundation Programme)

Url: https://api.tcu.go.tz/applicants/submitAdmittedNonDegree
Call method: POST

(a) **Request Parameters**

Name	i. Form Four index number ii. Form Six index number/AVN iii. Certificate registration number iv. Gender v. Nationality vi. Impairment vii. Date of birth viii. Programme Code

<table>
<tr><td></td><td colspan="3">ix. Programme Name
x. Applicant Category</td></tr>
<tr><td>Direction</td><td colspan="3">Input</td></tr>
<tr><td rowspan="8">Type</td><td colspan="3">submitAdmittedNonDegree</td></tr>
<tr><td colspan="3">Content type</td></tr>
<tr><td>Component</td><td colspan="2">Type</td></tr>
<tr><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td>Username</td><td>String</td><td>Username provided by TCU</td></tr>
<tr><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains form four index number, form six index number, certificate registration number/AVN, date of birth, impairment, gender, applicant category, nationality, programme name and programme code.

i. String
Form four index number

ii. String
Form six index number String

iii. Character
Gender

iv. String
Certificate registration number

v. String
Applicant category

vi. String
Programme code

vii. String
Programme name

viii. String
Date of birth

ix. String
Impairment

x. String</td></tr>
</table>

		Nationality

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
F4indexno	Varchar, 35	Mandatory	The form four index number
F6indexno	Varchar, 35	Optional	The form six index number
CertificateRegNumb	Varchar, 55	Optional	Certificate registration number for applicants with certificate or AVN for applicants with diploma qualifications
Gender	Varchar, 20	Mandatory	Student sex
Nationality	Varchar,255	Mandatory	Student nationality
Impairment	Varchar, 255	Mandatory	Student impairment/disability
DateOfBirth	Varchar, 15	Mandatory	Date of birth e.g. "28-02-1978"
ApplicantCategory	Varchar, 255	Mandatory	Category of the programme an applicant was admitted to e.g. "Diploma", "Certificate" or" Foundation programme"
ProgrammeName	Varchar, 255	Mandatory	The programme name
ProgrammeCode	Varchar, 10	Mandatory	The programme name as appearing on the Undergraduate Admissions Guidebook

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Student form four index number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
F4indexno	Varchar, 20	Form four index number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <UsernameToken>
    <Username>XYZ</Username>
    <SessionToken>sWqW8majE2T22M4cerT456i </SessionToken>
  </UsernameToken>
  <RequestParameters>
    <F4indexno>S1111/0001/2020</F4indexno>
    <F6indexno>S1111/0901/2022</F6indexno>
    <CertificateRegNumb>19TC191919ME</CertificateRegNumb>
    <Gender>M</Gender>
    <Nationality>Tanzanian</Nationality>
    <Impairment>None</Impairment>
   <DateOfBirth>28-02-1960</DateOfBirth>
    <ApplicantCategory>Diploma</ApplicantCategory>
    <ProgrammeName>Diploma in Architecture</ProgrammeName>
    <ProgrammeCode>NM009</ProgrammeCode>
  </RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
  <Response>
   <ResponseParameters>
    <StatusCode>200</StatusCode>
    <F4indexno>S1111/0001/2020</F4indexno>
    <StatusDescription>Operation was successful</StatusDescription>
   </ResponseParameters>
  </Response>
</xml>
```

3.26 Get verification status for non-degree admitted students

Web Service Method	Description
Get verification status for non-degree admitted students	Download admitted students into non-degree programmes and their verification status

Url: https://api.tcu.go.tz/applicants/getNonDegreeAdmittedStatus
Call method: POST

Note: This is an alternative to broadcasting the admission verification status (PUSH from TCU's Side). Now HEIs can PULL the admission verification status for non-degree admitted students

(a) **Request Parameters**

Name	i. Programme code		
Direction	Input		
Type	**getNonDegreeAdmittedStatus**		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 10	Mandatory	Programme code as per TCU Guide Book

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
StatusCode	Varchar, 50	Service status code
StatusDescription	Varchar, 128	Description of status code

f4indexno	Varchar,15	Form four index number
AdmissionStatus	Varchar , 100	Applicant's admission verification status
VerificationStatusCode	Varchar, 6	Applicant's admission verification status Code

Example request

```
<?xml version=”1.0” encoding=”UTF-8”?>
<Request>
<UsernameToken>
        <Username>MNX</Username>
        <SessionToken>aTcuM3838jjKLMUOP0jL</SessionToken>
</UsernameToken>
<RequestParameters>
        <ProgrammeCode>MNM01</ProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
 <Response>
   <ResponseParameters>
     <StatusCode>210</StatusCode>
     <ProgrammeCode> MNM01</ProgrammeCode>
     <StatusDescription>No Record Found</StatusDescription>
   </ResponseParameters>
 </Response>
</xml>
```

3.27 Submit applicants applied for Postgraduate programmes

Web Service Method	Description
Submit applicants applied for Postgraduate programmes	Submit to TCU the list of applicants applied for Postgraduate degree programmes in University Institutions

Url: https://api.tcu.go.tz/applicants/submitPostgraduateApplicants
Call method: POST

(a) **Request Parameters**

Name	i. First name ii. Middle name iii. Surname iv. Form Four index number v. Gender

<table>
<tr><td></td><td colspan="3">vi. Nationality
vii. Impairment
viii. Date of birth
ix. Programme Category
x. Mobile number
xi. Email address
xii. Bachelor registration number
xiii. Masters registration number
xiv. National Identification Number (NIN)
xv. Selected Programmes (programme choices)
xvi. Mode of entry</td></tr>
<tr><td>Direction</td><td colspan="3">Input</td></tr>
<tr><td rowspan="8">Type</td><td colspan="3">submitPostgraduateApplicants</td></tr>
<tr><td colspan="3">Content type</td></tr>
<tr><td>Component</td><td colspan="2">Type</td></tr>
<tr><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td>Username</td><td>String</td><td>Username provided by TCU</td></tr>
<tr><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains First name, Middle name, Surname, Form Four index number, Gender, Nationality, impairment, Date of birth, Programme Category, Mobile number, Email address, Bachelor registration number, Masters registration number, National Identification Number (NIN), Selected Programmes (programme choices) and Mode of entry.
i. String
Form four index number
ii. String
First name
iii. String
Middle name
iv. String
Surname
v. String
Gender</td></tr>
</table>

		vi. String Mobile number vii. String Programme Category viii. String Bachelor registration number ix. String Masters registration number x. String National Identification Number (NIN) xi. String Selected Programmes xii. String Mode of entry xiii. String Email address xiv. String Date of birth xv. String Impairment xvi. String Nationality

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
Fname	Varchar, 255	Mandatory	Applicant first name
Mname	Varchar, 255	Optional	Applicant second name
Surname	Varchar, 255	Mandatory	Applicant surname
F4indexno	Varchar, 35	Mandatory	The form four index number
Mobilenumber	Varchar, 35	Mandatory	Applicant Mobile number
Emailaddress	Varchar, 60	Mandatory	Applicant Email address
Gender	Varchar, 6	Mandatory	Applicant sex
Nationality	Varchar,255	Mandatory	Applicant nationality
Impairment	Varchar, 255	Mandatory	Student impairment/disability
DateOfBirth	Varchar, 15	Mandatory	Date of birth e.g. “28-02-1978”
ProgrammeCategory	Varchar, 255	Mandatory	Category of the programme an applicant was

			admitted to e.g. “Masters Degree”, “Doctorate Degree”
BachelorRegNumb	Varchar,100	Mandatory	Bachelor registration number
MastersRegNumb	Varchar,100	Optional	Masters registration number
NationalIdNumber	Varchar,255	Optional	Applicant National Identification Number (NIN)
SelectedProgrammes	Varchar, 255	Mandatory	List of programmes (programme codes) an applicant has applied for. The codes should be as it appears on Postgraduate Admissions Guidebook
EntryMode	Varchar,255	Mandatory	Mode of entry

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Student form four index number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
F4indexno	Varchar, 20	Form four index number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <UsernameToken>
            <Username>MNX</Username>
        <SessionToken>aTcuM3838jjKLMUOP0jL</SessionToken>
  </UsernameToken>
  <RequestParameters>
    <Fname>MICHAEL</Fname>
    <Mname>M</Mname>
    <Surname>JOHN</Surname>
    <F4indexno>S1547/0122/2099</F4indexno>
```

```
    <Gender>M</Gender>
    <Nationality>Tanzanian</Nationality>
    <DateOfBirth>1994</DateOfBirth>
    <ProgrammeCategory>Masters Degree</ProgrammeCategory>
    <Mobilenumber>079666666 </Mobilenumber>
    <Emailaddress>xyz@gmail.com</Emailaddress>
    <BachelorRegNumb>AGF/0019/11-20291</BachelorRegNumb>
    <MastersRegNumb></MastersRegNumb>
    <Impairment>None</Impairment>
    <NationalIdNumber></NationalIdNumber>
    <SelectedProgrammes>MMMC2,MMMC3,MMC44</SelectedProgrammes>
    <EntryMode>Bachelor degree</EntryMode>
  </RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
    <Response>
        <ResponseParameters>
            <StatusCode>208</StatusCode>
            <F4indexno>S1547/0122/2099</F4indexno>
            <StatusDescription>The student has already been submitted
             previously</StatusDescription>
        </ResponseParameters>
    </Response>
</xml>
```

3.28 Submit admitted students into Postgraduate programmes

Web Service Method	Description
Submit admitted students into Postgraduate programmes	Submit to TCU the list of admitted students into Postgraduate degree programmes in University Institutions

Url: https://api.tcu.go.tz/applicants/submitAdmittedPostgraduate
Call method: POST

(a) **Request Parameters**

Name	i. First name ii. Middle name iii. Surname iv. Form Four index number v. Gender vi. Nationality vii. Impairment

<table>
<tr><td></td><td colspan="3">viii. Date of birth
ix. Programme Category
x. Mobile number
xi. Email address
xii. Bachelor registration number
xiii. Masters registration number
xiv. National Identification Number (NIN)
xv. Admitted programme
xvi. Mode of entry
xvii. Admission status (for not admitted applicants give reason(s))</td></tr>
<tr><td>Direction</td><td colspan="3">Input</td></tr>
<tr><td rowspan="8">Type</td><td colspan="3">submitAdmittedPostgraduate</td></tr>
<tr><td colspan="3">Content type</td></tr>
<tr><td>Component</td><td colspan="2">Type</td></tr>
<tr><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td>Username</td><td>String</td><td>Username provided by TCU</td></tr>
<tr><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains First name, Middle name, Surname, Form Four index number, Gender, Nationality, impairment, Date of birth, Programme Category, Mobile number, Email address, Bachelor registration number, Masters registration number, National Identification Number (NIN), Admitted Programme, Admission Status and Mode of entry.

i. String
Form four index number

ii. String
First name

iii. String
Middle name

iv. String
Surname

v. String
Gender

vi. String
Mobile number</td></tr>
</table>

		vii. String Programme Category viii. String Bachelor registration number ix. String Masters registration number x. String National Identification Number (NIN) xi. String Admitted Programme xii. String Mode of entry xiii. String Email address xiv. String Date of birth xv. String Impairment xvi. String Nationality xvii. String Admission status

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
Fname	Varchar, 255	Mandatory	Applicant first name
Mname	Varchar, 255	Optional	Applicant second name
Surname	Varchar, 255	Mandatory	Applicant surname
F4indexno	Varchar, 35	Mandatory	The form four index number
Mobilenumber	Varchar, 35	Mandatory	Applicant Mobile number
Emailaddress	Varchar, 60	Mandatory	Applicant Email address
Gender	Varchar, 6	Mandatory	Applicant sex
Nationality	Varchar,255	Mandatory	Applicant nationality
Impairment	Varchar, 255	Mandatory	Student impairment/disability

DateOfBirth	Varchar, 15	Mandatory	Date of birth e.g. “28-02-1978”
ProgrammeCategory	Varchar, 255	Mandatory	Category of the programme an applicant was admitted to e.g. “Masters Degree”, “Doctorate Degree”
BachelorRegNumb	Varchar,100	Mandatory	Bachelor registration number
MastersRegNumb	Varchar,100	Optional	Masters registration number
NationalIdNumber	Varchar,255	Optional	Applicant National Identification Number (NIN)
ProgrammeAdmitted	Varchar, 10	Optional	Programme the applicant is admitted to
AdmissionStatus	Varchar, 255	Mandatory	Applicant’s admission status
EntryMode	Varchar,255	Mandatory	Mode of entry

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Student form four index number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
F4indexno	Varchar, 20	Form four index number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <UsernameToken>
        <Username>MNX</Username>
        <SessionToken>aTcuM3838jjKLMUOP0jL</SessionToken>
  </UsernameToken>
  <RequestParameters>
    <Fname>MAKAME</Fname>
    <Mname>M</Mname>
    <Surname>HAMZA</Surname>
    <F4indexno>S1547/0122/2099</F4indexno>
```

```
    <Gender>M</Gender>
    <Nationality>Tanzanian</Nationality>
    <DateOfBirth>1994</DateOfBirth>
    <ProgrammeCategory>Masters Degree</ProgrammeCategory>
    <Mobilenumber>079668866 </Mobilenumber>
    <Emailaddress>axy@yahoo.com</Emailaddress>
    <BachelorRegNumb>AGF/0019/11-20291</BachelorRegNumb>
    <MastersRegNumb></MastersRegNumb>
    <Impairment>None</Impairment>
    <NationalIdNumber></NationalIdNumber>
    <ProgrammeAdmitted>MMMC2 </ProgrammeAdmitted>
    <AdmissionStatus>Admitted</AdmissionStatus>
    <EntryMode>Bachelor degree</EntryMode>
  </RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
    <Response>
        <ResponseParameters>
            <StatusCode>200</StatusCode>
            <F4indexno>S1547/0122/2099</F4indexno>
            <StatusDescription> Operation was successful </StatusDescription>
        </ResponseParameters>
    </Response>
</xml>
```

3.29 Get verification status for admitted students into Postgraduate programmes

Web Service Method	Description
Get verification status for admitted students into Postgraduate programmes	Download admitted students into Postgraduate programmes and their verification status

Url: https://api.tcu.go.tz/applicants/getPostgraduateAdmittedStatus
Call method: POST

Note: This is an alternative to broadcasting the admission verification status (PUSH from TCU's Side). Now HEIs can PULL the admission verification status for admitted students into Postgraduate programmes

(a) **Request Parameters**

Name	i. Programme code

Direction	Input		
Type	**getPostgraduateAdmittedStatus**		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 10	Mandatory	Programme code as per TCU Postgraduate Guide Book

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	**Field Format**	**Description**
StatusCode	Varchar, 50	Service status code
StatusDescription	Varchar, 128	Description of status code
f4indexno	Varchar,15	Form four index number
AdmissionStatus	Varchar , 255	Applicant's admission verification status
VerificationStatusCode	Varchar, 6	Applicant's admission verification status Code

Example request

<?xml version="1.0" encoding="UTF-8"?>
<Request>
<UsernameToken>

```
        <Username>MNX</Username>
        <SessionToken>aTcuM3838jjKLMUOP0jL</SessionToken>
</UsernameToken>
<RequestParameters>
        <ProgrammeCode>MNXM01</ProgrammeCode>
</RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8" ?>
  <Response>
    <ResponseParameters>
        <StatusCode>200</StatusCode>
        <StatusDescription>Operation was successful</StatusDescription>
                <ProgrammeCode> MNXM01</ProgrammeCode>
        <Applicant>
                <f4indexno>S1547/0122/2099</f4indexno>
                <BachelorRegNumber>AGF/0019/11-20291</BachelorRegNumber>
                <VerificationStatusCode>231</VerificationStatusCode>
                <VerificationStatus>Cleared</VerificationStatus>
            <StatusDescription>Has requisite qualifications</StatusDescription>
         </Applicant>
       </ResponseParameters>
     </Response>
    </xml>
```

3.30 Submit transferred students from one Postgraduate programme to another within the same institution or from one institution to another

Web Service Method	Description
Submit Postgraduate transferred students	Submit to TCU the list of transferred students into Postgraduate degree programmes in University Institutions. The transfer may be from one programme to another within the same institution or from one institution to another.

Url: https://api.tcu.go.tz/applicants/submitPostgraduateTransfers
Call method: POST

(a) **Request Parameters**

Name	i. First name ii. Middle name iii. Surname iv. Form Four index number v. Gender

<table>
<tr><td></td><td colspan="3">vi. Nationality
vii. Date of birth
viii. Programme Category
ix. Previous programme code
x. Current programme code</td></tr>
<tr><td>Direction</td><td colspan="3">Input</td></tr>
<tr><td rowspan="8">Type</td><td colspan="3">submitPostgraduateTransfers</td></tr>
<tr><td colspan="3">Content type</td></tr>
<tr><td>Component</td><td colspan="2">Type</td></tr>
<tr><td>Header</td><td colspan="2">Request header section
Contains elements as define in the following table</td></tr>
<tr><td>Component</td><td>Type</td><td>Description</td></tr>
<tr><td>Username</td><td>String</td><td>Username provided by TCU</td></tr>
<tr><td>SessionToken</td><td>String</td><td>System generated Token used to authenticate request before processing generate by TCU System.</td></tr>
<tr><td>Body</td><td colspan="2">Request Body Section
Contains Elements
Body contains First name, Middle name, Surname, Form Four index number, Gender, Nationality, Date of birth, Programme Category, Current programme code and previous programme code.

i. String
Form four index number

ii. String
First name

iii. String
Middle name

iv. String
Surname

v. String
Gender

vi. String
Programme Category

vii. String
Current Programme code

viii. String
Previous Programme code

ix. String</td></tr>
</table>

		Date of birth x. String Nationality

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
Fname	Varchar, 255	Mandatory	Applicant first name
Mname	Varchar, 255	Optional	Applicant second name
Surname	Varchar, 255	Mandatory	Applicant surname
F4indexno	Varchar, 35	Mandatory	The form four index number
Gender	Varchar, 6	Mandatory	Applicant sex
Nationality	Varchar,255	Mandatory	Applicant nationality
DateOfBirth	Varchar, 15	Mandatory	Date of birth e.g. "28-02-1978"
ProgrammeCategory	Varchar, 255	Mandatory	Category of the programme an applicant is transferring to e.g. "Masters Degree", "Doctorate Degree"
CurrentProgrammeCode	Varchar,10	Optional	The programme code an applicant is transferring to
PreviousProgrammeCode	Varchar, 10	Optional	The Programme the applicant was admitted to

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Student form four index number, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
F4indexno	Varchar, 20	Form four index number
StatusCode	Varchar, 50	Service Status Code
StatusDescription	Varchar, 128	Description of Status Code

Example request

```
<?xml version="1.0" encoding="UTF-8" ?>
<Request>
  <UsernameToken>
    <Username>AMM</Username>
    <SessionToken>aTcuM3838jjKLMUOP0jL</SessionToken>
  </UsernameToken>
  <RequestParameters>
    <Fname>MAKAME</Fname>
    <Mname>M</Mname>
    <Surname>HAMZA</Surname>
    <F4indexno>S1547/0122/2019</F4indexno>
    <Gender>M</Gender>
    <Nationality>Tanzanian</Nationality>
    <DateOfBirth>1994</DateOfBirth>
    <ProgrammeCategory>Masters Degree</ProgrammeCategory>
    <PreviousProgrammeCode>AMMM01</PreviousProgrammeCode>
    <CurrentProgrammeCode>HKM02</CurrentProgrammeCode>
  </RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="utf-8" ?>
      <Response>
          <ResponseParameters>
          <StatusCode>200</StatusCode>
             <F4indexno>S1547/0122/2019</F4indexno>
             <StatusDescription>Operation was successful</StatusDescription>
           </ResponseParameters>
        </Response>
       </xml>
```

3.31 Get verification status for transferred students into Postgraduate programmes

Web Service Method	Description
Get verification status for transferred students into Postgraduate programmes	Download transferred students into Postgraduate programmes and their verification status

Url: https://api.tcu.go.tz/applicants/getPostgraduateTransferStatus
Call method: POST

Note: This is an alternative to broadcasting the admission verification status (PUSH from TCU's Side). Now HEIs can PULL the admission verification status for transferred students into Postgraduate programmes

(a) **Request Parameters**

Name	i. Programme code		
Direction	Input		
Type	**getPostgraduateAdmittedStatus**		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as define in the following table	
	Component	Type	Description
	Username	String	Username provided by TCU
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU system.
	Body	i. String Programme code	

(b) **Request Payload**

Attribute, Type & Length	**Field Format**	**Usage**	**Description**
ProgrammeCode	Varchar, 10	Mandatory	Programme code as per TCU Postgraduate Guide Book

(c) **Response Parameters**

Name	TCU Information	
Direction	Output	
Type	TCUInformationResponse	
	Content type	
	Component	Type
	Body	Response Body Section Contains elements Body of the response contains the information regarding Applicant Status, status code and status description objects

(d) **Response Payload**

Attribute, Type & Length	Field Format	Description
StatusCode	Varchar, 50	Service status code
StatusDescription	Varchar, 128	Description of status code
f4indexno	Varchar,15	Form four index number
VerificationStatus	Varchar , 255	Applicant's admission verification status
VerificationStatusCode	Varchar, 6	Applicant's admission verification status Code

Example request

```
<?xml version="1.0" encoding="UTF-8"?>
<Request>
        <UsernameToken>
            <Username>MNX</Username>
            <SessionToken>aTcuM3838jjKLMUOP0jL</SessionToken>
        </UsernameToken>
           <RequestParameters>
            <ProgrammeCode>HMKM02</ProgrammeCode>
                 </RequestParameters>
</Request>
```

Example response

```
<?xml version="1.0" encoding="UTF-8" ?>
  <Response>
     <ResponseParameters>
     <StatusCode>200</StatusCode>
 <StatusDescription>Operation was successful</StatusDescription>
 <ProgrammeCode> HMKM02</ProgrammeCode>
           <Applicant>
               <F4indexno>S1547/0122/2019</F4indexno>
                <VerificationStatusCode>231</VerificationStatusCode>
                <VerificationStatus>Cleared</VerificationStatus>
           </Applicant>
    </ResponseParameters>
  </Response>
</xml>
```

4. API Resources and End Points

Resource	End points	Summary	url
Applicants	add	Add a single or multiple applicant	https://api.tcu.go.tz/applicants/add
	resubmit	Resubmit Details for one or multiple applicants	https://api.tcu.go.tz/applicants/resubmit

checkStatus	Check admission Status of one or more Applicants during application phase	https://api.tcu.go.tz/applicants/checkStatus
getStatus	Get the multiple/single admission status of a list of applicants per programme after selection	https://api.tcu.go.tz/applicants/getStatus
getConfirmed	Get a list of confirmed applicants per programme	https://api.tcu.go.tz/applicants/getConfirmed
submitProgramme	Submit Applicant Programme Choices	https://api.tcu.go.tz/applicants/submitProgramme
getApplicantVerificationStatus	Get Applicant's Verification Status	https://api.tcu.go.tz/applicants/getApplicantVerificationStatus
submitEnrolledStudents	Submit enrolled/registered students	https://api.tcu.go.tz/applicants/submitEnrolledStudents
submitGraduates	Submit graduates	https://api.tcu.go.tz/applicants/submitGraduates
submitInstitutionStaff	Submit Institution Staff	https://api.tcu.go.tz/applicants/submitInstitutionStaff
getInternalTransferStatus	Get verification status for internally transferred students	https://api.tcu.go.tz/applicants/getInternalTransferStatus
getInterInstitutionalTransferStatus	Get verification status for inter-institutional transferred students	https://api.tcu.go.tz/applicants/getInterInstitutionalTransferStatus
restoreCancelledAdmission	Restore cancelled admission	https://api.tcu.go.tz/admission/restoreCancelledAdmission
submitStudentsDropOuts	Submit students drop-outs	https://api.tcu.go.tz/applicants/submitStudentsDropOuts
submitPostponedStudents	Submit students who postponed studies	https://api.tcu.go.tz/applicants/submitPostponedStudents
submitAdmittedNonDegree	Submit admitted students into non-degree programmes	https://api.tcu.go.tz/applicants/submitAdmittedNonDegree
getNonDegreeAdmittedStatus	Get verification status for non-degree admitted students	https://api.tcu.go.tz/applicants/getNonDegreeAdmittedStatus
submitPostgraduateApplicants	Submit applicants applied for Postgraduate programmes	https://api.tcu.go.tz/applicants/submitPostgraduateApplicants

	submitAdmittedPostgraduate	Submit admitted students into Postgraduate programmes	https://api.tcu.go.tz/applicants/submitAdmittedPostgraduate
	getPostgraduateAdmittedStatus	Get verification status for admitted students into Postgraduate programmes	https://api.tcu.go.tz/applicants/getPostgraduateAdmittedStatus
	submitPostgraduateTransfers	Submit transferred students from one Postgraduate programme to another within the same institution or from one institution to another	https://api.tcu.go.tz/applicants/submitPostgraduateTransfers
	Get verification status for transferred students into Postgraduate programmes	Download transferred students into Postgraduate programmes and their verification status	https://api.tcu.go.tz/applicants/getPostgraduateTransferStatus
Admission	confirm	Confirm Applicant Selections	https://api.tcu.go.tz/admission/confirm
	unconfirm	Unconfirm previous selection	https://api.tcu.go.tz/admission/unconfirm
	getProgrammes	Get programmes with Admitted candidates	https://api.tcu.go.tz/admission/getProgrammes
	getAdmitted	Get admitted applicants per programme	https://api.tcu.go.tz/admission/getAdmitted
	reject	Cancel/Reject admission	https://api.tcu.go.tz/dashboard/reject
	requestConfirmationCode	Request confirmation code for multiple admission student	https://api.tcu.go.tz/dashboard/requestConfirmationCode
	submitInterInstitutionalTransfers	Submit inter institutional transfers	https://api.tcu.go.tz/admission/submitInterInstitutionalTransfers
	submitInternalTransfers	Submit internal transfers	https://api.tcu.go.tz/admission/submitInternalTransfers
Dashboard	populate	Populate Dashboard	https://api.tcu.go.tz/dashboard/populate

5. **Message codes and their descriptions**

Code	Message	Message Description
200	SUCCESSFUL	Operation was performed successfully.
201	PRIOR ADMISSION	Applicant record was found in prior admission list.
202	CLEAR	Applicant has no prior admission.

203	ALREADY ADMITTED	Applicant is already admitted in current admission cycle.
204	SESSION TOKEN DOES NOT EXISTS	The given session token does not exist in system, please contact system administrator.
205	MALFORMED XML REQUEST	Invalid xml request.
206	EMPTY FORM FOUR INDEX NUMBER	Form four index number cannot be null.
207	OPERATION FAIL	Data was not successfully submitted to TCU.
208	DUPLICATE RECORD	The applicant has already been submitted previously.
209	RE-SUBMITTED SUCCESSFUL	The applicant has already been re-submitted previously.
210	NOT FOUND	No record found
211	MANDATORY PARAMETERS	Empty mandatory parameters
212	CONFIRMED SUCCESSFUL	Applicant successfully confirmed
213	CONFIRM TO OTHER HLI	Applicant has already confirmed to other institution
214	CONFIRM TO YOUR HLI	Applicant has already confirmed to this institution
215	NO MULTIPLE ADMISSION	The applicant has no multiple admission
216	PROGRAMME CAPACITY IS FULL	The programme capacity is full. No more confirmations are allowed
217	INVALID CONFIRMATION CODE	Invalid confirmation code
218	U-CONFIRMED SUCCESSFULLY	Un-confirmed successfully
219	OPERATION FAILED	Failed to un-confirm the admission
220	NOT CONFIRMED	The applicant has not confirmed admission to any institution
221	FAILED TO UN-CONFIRM	Unable to un-confirm since the applicant has not confirmed to this institution
222	CONFIRMATION CODE SENT TO EMAIL	Confirmation code has been sent to your email address.
223	CONFIRMATION CODE SENT TO EMAIL AND SMS	Confirmation code has been sent to your email address and mobile number.
224	NO ADMISSION FOUND	You have no admission to this institution
225	MULTIPLE ADMISSION	The applicant has multiple admissions
226	SINGLE ADMISSION	The applicant has single admission
227	OPERATION NOT ALLOWED	Operation not allowed at the moment
228	NOT CANCELLED ADMISSION HERE	Applicant have not cancelled admission in this programme
229	NOT CANCELLED ADMISSION ANYWHERE	Applicant have not cancelled admission in any institution
230	ADMISSION RESTORED	Applicant admission restored successfully
231	APPLICANT CLEARED	Applicant cleared by the Commission
232	APPLICANT NOT CLEARED	Applicant NOT cleared by the Commission

233	CONFIRMED ADMISSION IN THIS PROGRAMME	Applicant confirmed in this programme
234	CONFIRMED ADMISSION TO OTHER INSTITUTION	Applicant Confirmed to other HLI

6. Automated Processes

a. Send sms/email to Applicants

- For each applicant with multiple admissions send a sms and/or email with a unique code that will be used for confirming the selection with one of the HEIs.
- Message components: Form4indexno, confirmation code, deadline of confirmation and directive to confirm with one HLI only.
- The applicant will use the received code to initiate the confirmation via the HEIs online system. The Online system will make a call to Confirm Selection API defined under **3.4** above
- The confirmation code should also be sent via email to each applicant with multiple admissions
- In HLI systems **Mobile number** and **email address** should be **MANDATORY** fields for each applicant during application phase.

b. **Broadcast admission status**

For each applicant TCU shall notify the HEIs **(PUSH)** the final admission status. The following are possible statuses that can be communicated:

- clear admission
- multiple admission
- unqualified
- name mismatch
- prior admission

- HEIs will populate in their systems and allow students to get the necessary feedback;
- TCU should also provide an alternative for HEIs to download their own lists of applicants with their admission status for further processing;
- Alternatively, HEIs can PULL the lists via an API defined above under 3.10.

7. APIs and/or Processes on HEIs Online Systems

7.1 Check Status

Check the status of an applicant (eligibility for application)

7.2 Get Admission Status

Download the admission status of all applicants in a programme

7.3 Populate Dashboard

Upload summary of applications for statistical purposes

7.4 Add Applicant(s)

Upload applicants' f4indexno and f6indexno

7.5 Submit Applicant Programme

PUSH applicants with their selected programmes, programme admitted to and contact details

7.6 Resubmit Applicant(s)

PUSH applicants whose details have changed since last submission

7.7 Get Applicant Status

Fetch a list of all applicants in a given programme

7.8 Get a list of confirmed applicants

PULL a list of confirmed applicants (from those with multiple admissions)

7.9 Confirm Admission

PUSH to TCU special confirmation code entered by applicants with multiple admissions

7.10 Unconfirm Admission

PUSH to TCU applicants who chose to reject their admission

7.11 Request Confirmation Code

PUSH to TCU applicant who request to confirmation code.

7.12 Cancel/ Reject Admission

PUSH to TCU applicant who request to cancel/reject his admission at your institution.

7.13 Submit inter institutional transfers

PUSH to TCU applicant who request to transfer from another institution to tour institution.

7.14 Submit internal transfers

PUSH to TCU applicant who request to transfer from one programme to another within your institution.

7.15 Get Applicant's Verification Status

PULL the list of applicants with their status after TCU verification per programme

7.16 Get Programmes

PULL a list of programme codes for programmes with selected applicants.

7.17 Submit enrolled/registered students

Submit to TCU the list of registered/enrolled students into a programme of study in the academic year.

7.18 Submit graduates

Submit to TCU the list of graduates in the graduation year. This endpoint is used to submit graduates for all programmes from Certificate to PhD from university institutions and Bachelor and Postgraduate graduates from Non-University institutions.

7.19 Submit Institution Staff

Submit to TCU the list of both academic and administrative staff

7.20 Get verification status for internally transferred students

Download applicants who have requested for internal transfers and their TCU verification status

7.21 Get verification status for inter-institutional transferred students

Download applicants who have requested for inter-institutional (from one institution to another) transfers and their TCU verification status

7.22 Restore cancelled admission

Restore admission for applicants who previously cancelled their admissions

7.23 Submit students drop-outs

Add/Submit to TCU students who dropped their studies

7.24 Submit students who postponed studies

Submit/add students who postponed studies in the current academic year

7.25 Submit admitted students into non-degree programmes

Add students admitted into non-degree programmes (Certificates, Diplomas or Foundation Programme)

7.26 Get verification status for non-degree admitted students

Download admitted students into non-degree programmes and their verification statuses

7.27 Submit applicants applied for Postgraduate programmes

Submit to TCU the list of applicants applied for Postgraduate programmes in University institutions

7.28 Submit admitted students into Postgraduate programmes

Submit to TCU the list of admitted students into Postgraduate programmes in University institutions

7.29 Get verification status for admitted students into Postgraduate programmes
Download admitted students into Postgraduate programmes and their verification statuses

7.30 Submit transferred students from one Postgraduate programme to another within the same institution or from one institution to another
Submit to TCU the list of admitted students into Postgraduate programmes in University institutions

7.31 Get verification status for transferred students into Postgraduate programmes
Download transferred students into Postgraduate programmes and their verification status

8. Contact Details

In case of any enquiries, please contact TCU Technical Team through the email es@tcu.go.tz or ict@tcu.go.tz and phone number +255 (0) 22 2113691