

# TANZANIA COMMISSION FOR UNIVERSITIES



## API Specification Documentation for Integrated Admission System (Higher Learning Institutions)

May 2025

### Tanzania Commission for Universities

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*Version 4.5*

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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 of bachelor with local qualifications
- 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 into undergraduate programmes
- Submit enrolled/registered students into postgraduate programmes
- 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
- Add foreigners applying for bachelor degree programmes in Tanzania
- Add foreigners admitted into bachelor degree programmes in Tanzania under Direct Entry
- Add foreigners admitted into bachelor degree programmes in Tanzania under Equivalent Entry

### 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 to list what services are available. The environment will allow external stakeholders to obtain certified identity information through a programmatic interface across networks. External stakeholders can then add the services to a GUI (such as a 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 operating systems or programming languages. For example, external stakeholder can develop their application in .net, PHP, Java or Perl on Windows or UNIX operating systems.

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

### b. **Credential & Notification Web Service Security**

The Web service shall be secured using the username and Security Token in the header as per the WSS standard. This username and security token will be generated from the 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, discontinued, graduated or already admitted applicant (subsequent rounds after first round) <b>** 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.</b>	Undergraduate admission
2.	Add Applicant with local (Tanzania) qualifications	Add a new applicant by inserting institution id, gender, 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, gender, 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.	Undergraduate admission

No	Web Service Method	Description	Usage
		programme code, number of males and number of females.	
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 a 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 been admitted 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 who has been admitted but wishes to transfer to another programme within the same institution.	Undergraduate admission
15	Get Applicant's Verification Status	Get the applicants' Verification Status Download a list of applicants with their verification status	Undergraduate admission
16	Submit inter institutional transfers	An applicant who has been admitted and wishes to transfer to another institution.	Undergraduate admission
17	Submit enrolled/registered students into undergraduate programmes	A student registered/enrolled into an undergraduate programme in an academic year	Undergraduate
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 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

No	Web Service Method	Description	Usage
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
32	Submit enrolled/registered students into postgraduate programmes	A student registered/enrolled into a postgraduate programme in an academic year	Postgraduate
33	Add foreigners applied for admission into bachelor programmes in Tanzania	Add a new applicant by inserting institution id, gender, first name, second name, surname, nationality, year of birth and applicant category. This endpoint is for foreigners applying for bachelor	Undergraduate admission



No	Web Service Method	Description	Usage
		degree programmes in Tanzania	
34	Add foreigners with Direct Qualifications admitted into bachelor programmes in Tanzania	After selection for admission has been done and approved by relevant organs, submit the list of admitted foreigners with Direct Qualifications.	Undergraduate admission
35	Add foreigners with Equivalent Qualifications admitted into bachelor programmes in Tanzania	After selection for admission has been done and approved by relevant organs, submit the list of admitted foreigners with Equivalent Qualifications to the Commission.	Undergraduate 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 the 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 a 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 the institution code, gender, 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

Name	i. Institution Code ii. Gender iii. Form Four Index number iv. Form Six Index Number (or AVN for diploma holders) v. Applicant Category (Diploma or Form 6) vi. Other f4 index numbers (separated by comma) vii. Other f6 index numbers (separated by comma)		
Direction	Input		
Type	Add		
	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 application with Session token
	SessionToken	String	System generated Token used to authenticate request before processing generate by TCU System.
	Body	Request Body Section Contains Elements Body contains the form 4 and form 6 Index numbers as well as applicant category.  i. String	

		<p>Form Four Index Number in given format. For applicants with NECTA certificate the Format for Form Four Index Number is “S1001/0012/2014”</p> <p>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”</p> <p>iii. Character Applicant Category. ‘A’ for A-level, ‘D’ for Diploma holders, ‘F’ for Foundation holders and ‘B’ for bachelor degree holders</p> <p>iv. String Other form four index number(s)</p> <p>v. String Other form six index number(s)</p> <p>vi. String Gender</p>
--	--	---

**(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, ‘D’ for Diploma holders, ‘F’ for Foundation holders and ‘B’ for bachelor degree holders
Gender	Character,1	Mandatory	Applicant sex, i.e. “M” or “F”
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>
    <Gender>M</ Gender >
    <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>
    <Gender>F</ Gender >
    <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, gender, 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

Name	i. Form Four Index number ii. Form Six Index number iii. Gender iv. Selected programmes (separated by comma) v. Mobile number vi. Other Mobile number vii. Email address viii. Applicant category ix. Admission status x. Programme admitted xi. Reason xii. Nationality xiii. Impairment xiv. Date of birth xv. Other form four index number xvi. Other form six index number xvii. National Identification Number
Direction	Input
Type	submitProgramme

	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 Form four and form six index numbers or AVN number, gender, 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"  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, 'D' for Diploma holders, 'F' for Foundation holders and 'B' for bachelor degree holders  v.    String Mobile number  vi.   Character Gender.  vii.   String Other Mobile number  viii. String Email address



		ix. String Admission Status  x. String Programme admitted  xi. String Reason  xii. String Nationality  xiii. String Impairment  xiv. String Date of birth. Date format YYYY-MM-DD  xv. String Other form four index number  xvi. String Other form six index number  xvii. String National Identification Number
--	--	--

**(b) Request Payload**

<b>Attribute, Type &amp; Length</b>	<b>Field Format</b>	<b>Usage</b>	<b>Description</b>
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.
Gender	Character,1	Mandatory	Applicant's sex (M or F)
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

Attribute, Type & Length	Field Format	Usage	Description
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>
    <Gender> M </ Gender >
    <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	<b>Confirm Applicant Selection</b> 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 who has confirmed can unconfirm the admission via the respective HLI online system, and the same will 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, gender, 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. Gender iv. Programme choices v. Mobile number vi. Other mobile number vii. Email address viii. Admission status ix. Programme admitted x. Reason xi. Applicant category xi. Other form four index number(s) xii. Other form six index number(s) xiii. Nationality xiv. Impairment xii. 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	<p>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"</p> <p>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"</p> <p>iii. String Programme choices</p> <p>iv. Character Gender</p> <p>v. String Mobile number</p> <p>vi. String Other Mobile number</p> <p>vii. String Email</p> <p>viii. String Admission status</p> <p>ix. String Programme admitted</p> <p>x. String Reason</p> <p>xi. Character Applicant category</p> <p>xii. String</p>	



		<p>Other form four index number(s)</p> <p>xiii. String Other form six index number(s)</p> <p>xiv. String Nationality</p> <p>xv. String Date of birth</p> <p>xvi. String Impairment</p>
--	--	--

**(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
Gender	character, 1	Mandatory	Applicant's sex (M or F)
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>
    <Gender> M </ Gender >
    <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 the 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

Attribute, Type & Length	Field Format	Usage	Description
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>
  </ResponseParameters>
</Response>

```

```

        <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	<p>Response Body Section Contains elements Body of the response contains the InstitutionCode, programme and array of Form Four Index Numbers</p> <ul style="list-style-type: none"> <li>i. String Programme Code</li> <li>ii. Integer Status Code</li> <li>iii. String Status Description</li> <li>iv. String Containing list of form four index numbers</li> </ul>

#### (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>
  </ResponseParameters>
</Response>

```

```

<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	<ul style="list-style-type: none"> <li>• Get a list of confirmed applicants</li> <li>• Get a list of applicants with multiple admissions but who confirmed elsewhere</li> </ul>

**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 a confirmation code	Request a confirmation code An applicant who had multiple admissions can request a 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 who 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 The body of the response includes 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 who 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 v. Gender		
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  v. Character Gender	

### (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
Gender	Character,1	Mandatory	Applicant's sex (M or F)

### (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>
    <Gender>M</ Gender >
    <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 who 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 v. Gender		
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 v. Character Gender	

### (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
Gender	Character,1	Mandatory	Applicant's sex (M or F)
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>
    <Gender>F</ Gender >
    <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	<ul style="list-style-type: none"> <li>Get applicants' Verification Status</li> <li>Download a list of applicants with their verification status</li> </ul>

**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	<b>getApplicantVerificationStatus</b>		
	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 into undergraduate programmes

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

**Url:** <https://api.tcu.go.tz/applicants/submitEnrolledStudents>

**Call method:** *POST*

#### (a) Request Parameters

Name	<ul style="list-style-type: none"> <li>i. First name</li> <li>ii. Middle name</li> <li>iii. Surname</li> <li>iv. Gender</li> <li>v. Nationality</li> <li>vi. Date of birth</li> <li>vii. Programme category</li> <li>viii. Field of specialization</li> <li>ix. Year of study</li> <li>x. Study mode</li> <li>xi. Status of whether repeating a year or not</li> <li>xii. Entry mode (qualification)</li> <li>xiii. Sponsorship information</li> <li>xiv. Physical challenges/impairment</li> <li>xv. F4 index number</li> <li>xvi. Programme name</li> <li>xvii. Registration number</li> <li>xviii. Programme code</li> <li>xix. Year of admission</li> </ul>
------	---

Direction	Input	
Type	<b>submitEnrolledStudents</b>	
	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, 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  <div> <div>i. String</div> <div>First name</div> </div> <div> <div>ii. String</div> <div>Middle name</div> </div> <div> <div>iii. String</div> <div>Surname</div> </div> <div> <div>iv. Character</div> <div>Gender</div> </div> <div> <div>v. String</div> <div>Nationality</div> </div> <div> <div>vi. Year</div> <div>Date of birth e.g. 1981</div> </div> <div> <div>vii. String</div> <div>Programme category e.g. "Bachelor Degree"</div> </div> <div> <div>viii.String</div> <div>Field of specialization e.g. "Architecture"</div> </div> <div> <div>ix. String</div> <div>Year of study e. g. "First Year"</div> </div>



		<p>x. String Study mode e.g. "Full Time"</p> <p>xi. String Status of whether repeating a year or not e.g. for student repeating the year, the status is "YES"</p> <p>xii. String Entry mode (qualification)</p> <p>xiii. String Sponsorship information</p> <p>xiv. String Physical challenges/impairment,</p> <p>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"</p> <p>xvi. String Programme name</p> <p>xvii. String Registration number issued by the institution to a student during registration</p> <p>xviii. String Programme code</p> <p>xix. Year Year of admission e.g. 2017</p>
--	--	---

**(b) Request Payload**

<b>Attribute, Type &amp; Length</b>	<b>Field Format</b>	<b>Usage</b>	<b>Description</b>
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

Attribute, Type & Length	Field Format	Usage	Description
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>zzzzzz</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 graduates from Non-University institutions.

**Url:** <https://api.tcu.go.tz/applicants/submitGraduates>

**Call method: POST**

**(a) Request Parameters**

Name	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) xvi. Physical challenges/impairment		
Direction	Input		
Type	<b>submitGraduates</b>		
	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, 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, physical challenges/disability and National Identification Number (NIN)  i. String First name  ii. String Middle name  iii. String	

		<p>Surname</p> <p>iv. Character Gender</p> <p>v. String Field of specialization e.g. "Architecture"</p> <p>vi. String Category of award</p> <p>vii. String Award class</p> <p>viii. String Award name</p> <p>ix. String Grade Points Average (GPA)</p> <p>x. String Graduation year</p> <p>xi. String Registration year</p> <p>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"</p> <p>xiii. String Programme code</p> <p>xiv. String Registration number issued by the institution to a student during registration</p> <p>xv. String National Identification Number</p> <p>xvi. String Physical challenge(s)/impairment</p>
--	--	---

**(b) Request Payload**

<b>Attribute, Type &amp; Length</b>	<b>Field Format</b>	<b>Usage</b>	<b>Description</b>
Fname	Varchar, 35	Mandatory	The graduate's first name as appearing on the Form Four certificate
Mname	Varchar, 35	Optional	The graduate's Middle/Second name as appearing on the Form Four certificate
Surname	Varchar, 35	Mandatory	The graduate's 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' 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 in the programme
NationalIdNumber	Varchar, 30	Optional	National Identification Number (NIN) issued by NIDA
PhysicalChallenges	Varchar, 200	Mandatory	Graduates' disability or impairment

**(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>
    <PhysicalChallenges>None</PhysicalChallenges>
    <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	<b>submitInstitutionStaff</b>		
	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	



		<p>role, email address, level of teaching, staff field of specialization, staff Identification Number and National Identification Number (NIN)</p> <ul style="list-style-type: none"> <li>i. String First name</li> <li>ii. String Middle name</li> <li>iii. String Surname</li> <li>iv. Character Gender</li> <li>v. String Staff specialization e.g. "Architecture"</li> <li>vi. String Tittle</li> <li>vii. String Email</li> <li>viii.String Highest qualification</li> <li>ix. String Employment status</li> <li>x. String Source institution</li> <li>xi. String Year of birth</li> <li>xii. String Nationality</li> <li>xiii.String Physical challenges</li> <li>xiv.String Staff rank</li> <li>xv. String Staff role</li> </ul>
--	--	---

		xvi. String Level of teaching  xvii. String Staff Identification Number  xviii. String National Identification Number
--	--	--

**(b) Request Payload**

<b>Attribute, Type &amp; Length</b>	<b>Field Format</b>	<b>Usage</b>	<b>Description</b>
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

Attribute, Type & Length	Field Format	Usage	Description
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>
  </RequestParameters>
</Request>

```

```

    <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	<b>getInternalTransferStatus</b>		
	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	<b>getInterInstitutionalTransferStatus</b>		
	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 the cancelled admission

Web Service Method	Description
Restore the 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	<b>restoreCancelledAdmission</b>		
	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' dropouts

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 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		
Direction	Input		
Type	<b>submitStudentsDropOuts</b>		
	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	<p>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.</p> <ul style="list-style-type: none"> <li>i. String First name</li> <li>ii. String Middle name</li> <li>iii. String Surname</li> <li>iv. Character Gender</li> <li>v. String Year terminated</li> <li>vi. String Termination reason</li> <li>vii. String Programme category</li> <li>viii. String Programme name</li> <li>ix. String Programme code</li> <li>x. String Form four index number</li> <li>xi. String Registration number</li> <li>xii. String Year of study</li> </ul>	

**(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 their 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	<b>submitPostponedStudents</b>		
	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**

<b>Attribute, Type &amp; Length</b>	<b>Field Format</b>	<b>Usage</b>	<b>Description</b>
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). This endpoint is used by university institutions only.

**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 ix. Programme Name x. Applicant Category		
Direction	Input		
Type	<b>submitAdmittedNonDegree</b>		
	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 form four index number, form six index number, certificate registration number/AVN, date of birth, impairment, gender, applicant category, nationality,	

		<p>programme name and programme code.</p> <ul style="list-style-type: none"> <li>i. String Form four index number</li> <li>ii. String Form six index number String</li> <li>iii. Character Gender</li> <li>iv. String Certificate registration number</li> <li>v. String Applicant category</li> <li>vi. String Programme code</li> <li>vii. String Programme name</li> <li>viii. String Date of birth</li> <li>ix. String Impairment</li> <li>x. String Nationality</li> </ul>
--	--	---

**(b) Request Payload**

<b>Attribute, Type &amp; Length</b>	<b>Field Format</b>	<b>Usage</b>	<b>Description</b>
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

Attribute, Type & Length	Field Format	Usage	Description
			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>
  </RequestParameters>
</Request>

```

```

    <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	<b>getNonDegreeAdmittedStatus</b>		
	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 the applicants applied for Postgraduate programmes

Web Service Method	Description
Submit the applicants applied for Postgraduate programmes	Submit to TCU the list of applicants who 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 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		
Direction	Input		
Type	<b>submitPostgraduateApplicants</b>		
	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 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	

		<p>choices) and Mode of entry.</p> <ul style="list-style-type: none"> <li>i. String Form four index number</li> <li>ii. String First name</li> <li>iii. String Middle name</li> <li>iv. String Surname</li> <li>v. String Gender</li> <li>vi. String Mobile number</li> <li>vii. String Programme Category</li> <li>viii. String Bachelor registration number</li> <li>ix. String Masters registration number</li> <li>x. String National Identification Number (NIN)</li> <li>xi. String Selected Programmes</li> <li>xii. String Mode of entry</li> <li>xiii. String Email address</li> <li>xiv. String Date of birth</li> <li>xv. String Impairment</li> <li>xvi. String Nationality</li> </ul>
--	--	--

**(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
Mobilenummer	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>0796666666 </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 to Postgraduate programmes	Submit to TCU the list of admitted students into Postgraduate degree programmes in the University Institutions

**Url:** <https://api.tcu.go.tz/applicants/submitAdmittedPostgraduate>

**Call method:** POST

(a) Request Parameters

Name	<ul style="list-style-type: none"> <li>i. First name</li> <li>ii. Middle name</li> <li>iii. Surname</li> <li>iv. Form Four index number</li> <li>v. Gender</li> <li>vi. Nationality</li> <li>vii. Impairment</li> <li>viii. Date of birth</li> <li>ix. Programme Category</li> <li>x. Mobile number</li> <li>xi. Email address</li> <li>xii. Bachelor registration number</li> <li>xiii. Masters registration number</li> <li>xiv. National Identification Number (NIN)</li> <li>xv. Admitted programme</li> <li>xvi. Mode of entry</li> <li>xvii. Admission status (for not admitted applicants give reason(s))</li> </ul>		
Direction	Input		
Type	<b>submitAdmittedPostgraduate</b>		
	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 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.	
		<ul style="list-style-type: none"> <li>i. String Form four index number</li> <li>ii. String First name</li> <li>iii. String</li> </ul>	

		<p>Middle name</p> <p>iv. String Surname</p> <p>v. String Gender</p> <p>vi. String Mobile number</p> <p>vii. String Programme Category</p> <p>viii. String Bachelor registration number</p> <p>ix. String Masters registration number</p> <p>x. String National Identification Number (NIN)</p> <p>xi. String Admitted Programme</p> <p>xii. String Mode of entry</p> <p>xiii. String Email address</p> <p>xiv. String Date of birth</p> <p>xv. String Impairment</p> <p>xvi. String Nationality</p> <p>xvii. String Admission status</p>
--	--	---

**(b) Request Payload**

Attribute, Type & Length	Field Format	Usage	Description
Fname	Varchar, 255	Mandatory	Applicant first name

Attribute, Type & Length	Field Format	Usage	Description
Mname	Varchar, 255	Optional	Applicant second name
Surname	Varchar, 255	Mandatory	Applicant surname
F4indexno	Varchar, 35	Mandatory	The form four index number
Mobilenum	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 the 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	<b>getPostgraduateAdmittedStatus</b>	
	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 vi. Nationality vii. Date of birth viii. Programme Category ix. Previous programme code x. Current programme code	
Direction	Input	
Type	<b>submitPostgraduateTransfers</b>	
	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 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 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 the 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	<b>getPostgraduateAdmittedStatus</b>		
	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>
```

## 3.32 Submit enrolled/registered students into postgraduate programmes

Web Service Method	Description
Submit postgraduate enrolled/registered students	Submit the list of registered/enrolled students into the postgraduate programmes to TCU in the academic year. This endpoint is used by university institutions.

**Url:** <https://api.tcu.go.tz/applicants/submitEnrolledPostgraduateStudents>

**Call method:** POST

### (a) Request Parameters

Name	i. First name ii. Middle name iii. Surname iv. Gender v. Nationality
------	--

	vi. Year of birth vii. Award category viii. Nature of the Programme ix. Year of study x. Study mode xi. Sponsorship information xii. Physical challenges/impairment xiii. F4 index number xiv. F6 index number/Award Verification Number (AVN) xv. Programme name xvi. Registration number xvii. Programme code xviii. Year of first registration xix. Expected year of completion xx. Programme duration	
Direction	Input	
Type	<b>submitEnrolledPostgraduateStudents</b>	
	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, form four index number, form six index number/AVN, Gender, Nationality, Year of birth, Award category, Year of study, Study mode, Nature of the programme, Sponsorship information, Physical challenges/impairment, Programme name, Registration number, Programme code, Year of first registration, Expected year of completion and Programme duration  <div style="margin-left: 40px;"> i. String First name   ii. String Middle name   iii. String Surname </div>

		<p>iv. Character Gender</p> <p>v. String Nationality</p> <p>vi. Year Year of birth e.g. 1981</p> <p>vii. String Award category e.g. "Masters Degree"</p> <p>viii. String Year of study e. g. "First Year"</p> <p>ix. String Study mode e.g. "Full Time"</p> <p>x. String Sponsorship information</p> <p>xi. String Physical challenges/impairment,</p> <p>xii. String Form Four Index Number in given format. For applicants with NECTA certificate the format for Form Four Index Number is "S1001/0012/2014"</p> <p>xiii. String Form Six Index Number/Award Verification Number (AVN) in given format. For applicants with NECTA certificate the format for Form Six Index Number is "S1001/0512/2014"</p> <p>xiv. String Programme name</p> <p>xv. String Registration number issued by the institution to a student during registration</p> <p>xvi. String Programme code</p> <p>xvii. String Nature of the Programme</p> <p>xviii. String</p>
--	--	---

		<p>Year of first registration</p> <p>xix. String Expected year of completion</p> <p>xx. Integer Programme duration in months e.g. 18</p>
--	--	--

**(b) Request Payload**

<b>Attribute, Type &amp; Length</b>	<b>Field Format</b>	<b>Usage</b>	<b>Description</b>
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
F6indexno	Varchar, 35	Mandatory	Form six index number/Award Verification Number (AVN)
Gender	Varchar,2	Mandatory	Students sex
Nationality	Varchar,50	Mandatory	Nationality of the student
YearOfBirth	Year,4	Mandatory	Student's year of birth
ProgrammeCategory	Varchar,50	Mandatory	Category of the programme the student is undertaking e.g. "Masters Degree"
Duration	Int,4	Mandatory	Duration of the programme in months
YearFirstRegistered	Varchar,9	Mandatory	The academic year the student was first registered into the programme e.g. 2018/2019
ExpectedCompletionYear	Varchar,9	Mandatory	The academic year the student is expected to complete his/her studies e.g. 2020/2021
ProgrammeNature	Varchar,50	Mandatory	The way the programme is conducted and assessed. e.g. Coursework and Dissertation, Thesis
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
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>AXU</Username>
    <SessionToken> aTcuM3838jjKLMUOP0jL </SessionToken>
  </UsernameToken>
  <RequestParameters>
    <Fname>MAKAME</Fname>
    <Mname>MAKAME</Mname>
    <Surname>MAKAME</Surname>
    <F4indexno>S9999/0001/2012</F4indexno>
    <F6indexno>S9999/0500/2015</F6indexno>
    <Gender>M</Gender>
    <Nationality>Tanzanian</Nationality>
    <YearOfBirth>1994</YearOfBirth>
    <PhysicalChallenges>NONE</PhysicalChallenges>
    <RegistrationNumber>8228/T.2015</RegistrationNumber>
    <ProgrammeCode>ARM001</ProgrammeCode>
    <ProgrammeName>Msc in Architectural Design</ProgrammeName>
    <ProgrammeCategory>Masters Degree</ProgrammeCategory>
    <ProgrammeNature>Coursework and Dissertation </ProgrammeNature>
    <Duration>3</Duration>
    <YearOfStudy>Second Year</YearOfStudy>
    <StudyMode>Full time</StudyMode>
    <ExpectedCompletionYear>2026/2027</ExpectedCompletionYear>
    <Sponsorship>HESLB</Sponsorship>
    <YearFirstRegistered>2023/2024</YearFirstRegistered>
  </RequestParameters>
</Request>
```



```

    </RequestParameters>
</Request>

```

### Example response

```

<?xml version="1.0" encoding="utf-8" ?>
<Response>
  <ResponseParameters>
    <StatusCode>200</StatusCode>
    <RegistrationNumber>8228/T.2015</RegistrationNumber>
    <StatusDescription>Operation was successful</StatusDescription>
  </ResponseParameters>
</Response>

```

## 3.33 Submit foreign applicants who applied for admission to bachelor's degree programmes

Web Service Method	Description
Submit the foreigners who applied for admission	Submit the list of foreigners who applied for admission to bachelor's degree programmes in Tanzania institutions

**Url:** <https://api.tcu.go.tz/applicants/submitForeignApplicants>

**Call method:** *POST*

### (a) Request Parameters

Name	i. First name ii. Second name iii. Surname iv. Gender v. Nationality vi. Year of birth vii. Email address viii. Applicant category ix. Selected programmes (separated by comma)		
Direction	Input		
Type	<b>submitForeignApplicants</b>		
	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	<p>Request Body Section Contains Elements</p> <p>Body contains the names, Gender, Nationality, Year of birth, Applicant category, list of programmes applied for and Email address.</p> <ul style="list-style-type: none"> <li>i. String First name</li> <li>ii. String Middle name</li> <li>iii. String Surname</li> <li>iv. Character Gender</li> <li>v. String Nationality</li> <li>vi. Year Year of birth e.g. 1981</li> <li>vii. String Email address</li> <li>viii. String Applicant category</li> <li>ix. String Selected programmes (separated by comma)</li> </ul>
--	------	---

**(b) Request Payload**

Attribute, Type & Length	Field Format	Usage	Description
FirstName	Varchar, 35	Mandatory	Applicant first name as appearing on the applicant's academic certificate
SecondName	Varchar, 35	Optional	Applicant Middle/Second name as appearing on the academic certificates
Surname	Varchar, 35	Mandatory	Applicant surname as appearing on the academic certificate
Gender	Varchar,2	Mandatory	Applicant sex
Nationality	Varchar,50	Mandatory	Nationality of the applicant
YearOfBirth	Year,4	Mandatory	Applicant's year of birth

Attribute, Type & Length	Field Format	Usage	Description
ApplicantCategory	Varchar,15	Mandatory	Category of the qualifications used by the applicant to make application i.e. <i>Direct</i> or <i>Equivalent</i>
EmailAddress	Varchar,50	Mandatory	Applicant's email address
SelectedProgrammes	Varchar,100	Mandatory	List of programmes applied by the applicant (separated by comma)

**(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 email address, status code and status description objects

**(d) Response Payload**

Attribute, Type & Length	Field Format	Description
EmailAddress	Varchar, 128	Email Address
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>AXU</Username>
    <SessionToken> aTcuM3838jjKLMUOP0jL </SessionToken>
  </UsernameToken>
  <RequestParameters>
    <FirstName>MAKAME</FirstName>
    <SecondName>MAKAME</SecondName>
    <Surname>HAMZA</Surname>
    <Gender>M</Gender>
    <Nationality>Ugandan</Nationality>
    <YearOfBirth>1994</YearOfBirth>
    <EmailAddress>axc@tcu.go.tz</EmailAddress>
    <ApplicantCategory>Direct</ApplicantCategory>
    <SelectedProgrammes> AXU23, AXU38, AXU22</SelectedProgrammes>
  </RequestParameters>
</Request>
```

### Example response

```
<?xml version="1.0" encoding="utf-8" ?>
<Response>
  <ResponseParameters>
    <StatusCode>200</StatusCode>
    <EmailAddress>axc@tcu.go.tz</EmailAddress>
    <StatusDescription>Operation was successful</StatusDescription>
  </ResponseParameters>
</Response>
```

### 3.34 Submit admitted foreigners into bachelor's degree programmes under Direct Entry

Web Service Method	Description
Submit the admitted foreigners under Direct Entry	Submit the list of foreigners admitted into bachelor's degree programmes in Tanzania institutions under Direct Entry

**Url:** <https://api.tcu.go.tz/applicants/submitForeignAdmittedDirect>

**Call method:** *POST*

#### (a) Request Parameters

Name	i. First name ii. Second name iii. Surname iv. Gender v. Nationality vi. Year of birth vii. Email address viii. Applicant category ix. Programme code x. Programme name xi. F4 Foreign results xii. F4 Equivalent results xiii. F6 Foreign results xiv. F6 Equivalent results xv. Other qualifications xvi. How the equivalence was determined xvii. Criteria used for admission xviii. Admission status	
Direction	Input	
Type	<b>submitForeignAdmittedDirect</b>	
	Content type	
	Component	Type
	Header	Request header section

		Contains elements as defined 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 the TCU System.
	Body	<p>Request Body Section Contains Elements</p> <p>The body contains the names, Gender, Nationality, Year of birth, Applicant category, Email address, programme code, Programme name, F4 foreign results, F4 Equivalent results, F6 foreign results, F6 Equivalent results, criteria used, how the equivalence was determined, admission status and other qualifications, if any.</p> <ul style="list-style-type: none"> <li>i. String First name</li> <li>ii. String Middle name</li> <li>iii. String Surname</li> <li>iv. Character Gender</li> <li>v. String Nationality</li> <li>vi. Year Year of birth, e.g. 1981</li> <li>vii. String Email address</li> <li>viii. String Applicant category</li> <li>ix. String Programme code</li> <li>x. String Programme name</li> <li>xi. String F4 Foreign results</li> </ul>	

		<p>xii. String F4 Equivalent results</p> <p>xiii. String F6 Foreign results</p> <p>xiv. String F6 Equivalent results</p> <p>xv. String Other qualifications</p> <p>xvi. String How the equivalence was determined</p> <p>xvii. String Criteria used for admission</p> <p>xviii. String Admission status</p>
--	--	---

**(b) Request Payload**

Attribute, Type & Length	Field Format	Usage	Description
FirstName	Varchar, 35	Mandatory	Applicant first name as appearing on the applicant's academic certificate
SecondName	Varchar, 35	Optional	Applicant Middle/Second name as appearing on the academic certificates
Surname	Varchar, 35	Mandatory	Applicant surname as appearing on the academic certificate
Gender	Varchar,2	Mandatory	Applicant sex
Nationality	Varchar,50	Mandatory	Nationality of the applicant
YearOfBirth	Year,4	Mandatory	Applicant's year of birth
ApplicantCategory	Varchar,15	Mandatory	Category of the qualifications used by the applicant to make application i.e. <i>Direct</i> or <i>Equivalent</i>
EmailAddress	Varchar,50	Mandatory	Applicant's email address
ProgrammeCode	Varchar, 10	Mandatory	Programme Code
ProgrammeName	Varchar, 200	Mandatory	Programme name
F4ForeignResults	Varchar, 300	Mandatory	Form four foreign results
F4EquivalentResults	Varchar, 300	Mandatory	Form four equivalence to Tanzanian's CSEE grading (Results)
F6ForeignResults	Varchar, 300	Mandatory	Form six foreign results

Attribute, Type & Length	Field Format	Usage	Description
F6EquivalentResults	Varchar, 300	Mandatory	Form six equivalence to Tanzanian's ACSE grading (Results)
OtherQualifications	Varchar, 300	Optional	Any Other Qualifications used
EquivalenceDetermination	Varchar, 300	Mandatory	How the equivalence was determined
AdmissionCriteria	Varchar, 300	Mandatory	Criteria used for admission
AdmissionStatus	Varchar, 128	Mandatory	Applicant's admission status

### (c) Response Parameters

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

### (d) Response Payload

Attribute, Type & Length	Field Format	Description
EmailAddress	Varchar, 128	Email Address
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>SXU</Username>
    <SessionToken> aTcuM3838jjKLMUOP0jL </SessionToken>
  </UsernameToken>
  <RequestParameters>
    <FirstName>MAKAME</FirstName>
    <SecondName>MAKAME</SecondName>
    <Surname>HAMZA</Surname>
    <Gender>M</Gender>
    <Nationality>Ugandan</Nationality>
    <YearOfBirth>1994</YearOfBirth>
    <EmailAddress>axc@tcu.go.tz</EmailAddress>
    <ApplicantCategory>Direct</ApplicantCategory>
    <ProgrammeCode>SU001</ProgrammeCode>
    <ProgrammeName>Bachelor of Rural Development</ProgrammeName>
  </RequestParameters>
</Request>

```

```

<F4ForeignResults>Mathematics-A+, English Language-Chemistry-C </F4ForeignResults>
<F4EquivalentResults> Mathematics-A, English Language-Chemistry-C</F4EquivalentResults>
<F6ForeignResults>Entrepreneurship-B, English Language-B</F6ForeignResults>
<F6EquivalentResults> Entrepreneurship-B, English Language-B </F6EquivalentResults>
<OtherQualifications> One year of university education in the country of origin
</OtherQualifications>
<EquivalenceDetermination> Equivalence obtained from NECTA </EquivalenceDetermination>
<AdmissionCriteria> ACSE equivalency from NECTA and one-year university education in the
country of origin </AdmissionCriteria>
<AdmissionStatus> Admitted </AdmissionStatus>
</RequestParameters>
</Request>

```

### Example response

```

<?xml version="1.0" encoding="utf-8"?>
<Response>
  <ResponseParameters>
    <StatusCode>200</StatusCode>
    <EmailAddress>axc@tcu.go.tz</EmailAddress>
    <StatusDescription>Operation was successful</StatusDescription>
  </ResponseParameters>
</Response>

```

### 3.35 Submit admitted foreigners into bachelor's degree programmes under Equivalent Entry

Web Service Method	Description
Submit the admitted foreigners under Equivalent Entry	Submit the list of foreigners admitted into bachelor's degree programmes in Tanzania institutions under Equivalent Entry.

**Url:** <https://api.tcu.go.tz/applicants/submitForeignAdmittedEquivalent>  
**Call method:** POST

#### (a) Request Parameters

Name	<ul style="list-style-type: none"> <li>i. First name</li> <li>ii. Second name</li> <li>iii. Surname</li> <li>iv. Gender</li> <li>v. Nationality</li> <li>vi. Year of birth</li> <li>vii. Email address</li> <li>viii. Applicant category</li> <li>ix. Programme code</li> <li>x. Programme name</li> </ul>
------	--



	xi. F4 Foreign results xii. F4 Equivalent results xiii. Diploma name xiv. Foreign Diploma results/GPA xv. Other qualifications xvi. How the equivalence was determined xvii. Criteria used for admission xviii. Admission status xix. Diploma equivalence results/GPA		
Direction	Input		
Type	<b>submitForeignAdmittedEquivalent</b>		
	Content type		
	Component	Type	
	Header	Request header section Contains elements as defined 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 the TCU System.
	Body	Request Body Section Contains Elements  The body contains the names, Gender, Nationality, Year of birth, Applicant category, Email address, programme code, Programme name, F4 foreign results, F4 Equivalent results, Diploma name, Foreign Diploma results/GPA, admission criteria used, Diploma equivalence results/GPA, how the equivalence was determined, admission status and other qualifications, if any. <ul style="list-style-type: none"> <li>i. String First name</li> <li>ii. String Middle name</li> <li>iii. String Surname</li> <li>iv. Character Gender</li> <li>v. String Nationality</li> </ul>	

		vi. Year Year of birth, e.g. 1981  vii. String Email address  viii.String Applicant category  ix. String Programme code  x. String Programme name  xi. String F4 Foreign results  xii. String F4 Equivalent results  xiii.String Diploma name  xiv.String Foreign Diploma results/GPA  xv. String Diploma equivalence results/GPA  xvi.String Other qualifications  xvii. String How the equivalence was determined  xviii. String Criteria used for admission  xix.String Admission status
--	--	---

**(b) Request Payload**

Attribute, Type & Length	Field Format	Usage	Description
FirstName	Varchar, 35	Mandatory	Applicant first name as appearing on the applicant's academic certificate
SecondName	Varchar, 35	Optional	Applicant Middle/Second name as appearing on the academic certificates
Surname	Varchar, 35	Mandatory	Applicant surname as appearing on the

Attribute, Type & Length	Field Format	Usage	Description
			academic certificate
Gender	Varchar,2	Mandatory	Applicant sex
Nationality	Varchar,50	Mandatory	Nationality of the applicant
YearOfBirth	Year,4	Mandatory	Applicant's year of birth
ApplicantCategory	Varchar,15	Mandatory	Category of the qualifications used by the applicant to make application i.e. <i>Direct or Equivalent</i>
EmailAddress	Varchar,50	Mandatory	Applicant's email address
ProgrammeCode	Varchar, 10	Mandatory	Programme Code
ProgrammeName	Varchar, 200	Mandatory	Programme name
F4ForeignResults	Varchar, 300	Mandatory	Form four foreign results
F4EquivalentResults	Varchar, 300	Mandatory	Form four equivalence to Tanzanian's CSEE grading (Results)
DiplomaName	Varchar, 200	Mandatory	Diploma name as appeared on the diploma certificate
ForeignDiplomaResults	Varchar, 400	Mandatory	Foreign Diploma results/GPA used for admission
DiplomaEquivalenceResults	Varchar, 400	Mandatory	Diploma equivalence results (Grade/GPA)
OtherQualifications	Varchar, 300	Optional	Any Other Qualifications used
EquivalenceDetermination	Varchar, 300	Mandatory	How the equivalence was determined
AdmissionCriteria	Varchar, 300	Mandatory	Criteria used for admission
AdmissionStatus	Varchar, 128	Mandatory	Applicant's admission status

### (c) Response Parameters

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

### (d) Response Payload

Attribute, Type & Length	Field Format	Description
EmailAddress	Varchar, 128	Email Address
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>SXU</Username>
    <SessionToken> aTcuM3838jjKLMUOP0jL </SessionToken>
  </UsernameToken>
  <RequestParameters>
    <FirstName>MAKAME</FirstName>
    <SecondName>MAKAME</SecondName>
    <Surname>HAMZA</Surname>
    <Gender>M</Gender>
    <Nationality>Tanzanian</Nationality>
    <YearOfBirth>1994</YearOfBirth>
    <EmailAddress>axc@tcu.go.tz</EmailAddress>
    <ApplicantCategory>Equivalent</ApplicantCategory>
    <ProgrammeCode>SU001</ProgrammeCode>
    <ProgrammeName>Bachelor of Rural Development</ProgrammeName>
    <F4ForeignResults>Mathematics-A+, English Language-C, Chemistry-C
  </F4ForeignResults>
    <F4EquivalentResults> Mathematics-A, English Language-C, Chemistry-C
  </F4EquivalentResults>
    <DiplomaName> Diploma in Computer Application </DiplomaName>
    <ForeignDiplomaResults> First Class </ForeignDiplomaResults>
    <DiplomaEquivalenceResults> 4.5 </DiplomaEquivalenceResults>
    <OtherQualifications>N/A</OtherQualifications>
    <EquivalenceDetermination>Equivalence obtained from NACTVET
  </EquivalenceDetermination>
    <AdmissionCriteria> Students qualifications is equivalent to Ordinary Diploma in
      Tanzania </AdmissionCriteria>
    <AdmissionStatus> Admitted </AdmissionStatus>
  </RequestParameters>
</Request>
```

### **Example response**

```
<?xml version="1.0" encoding="utf-8"?>
<Response>
  <ResponseParameters>
    <StatusCode>207</StatusCode>
    <EmailAddress>axc@tcu.go.tz</EmailAddress>
    <StatusDescription>Data was not successfully submitted to TCU. </StatusDescription>
  </ResponseParameters>
</Response>
```

#### 4. API Resources and Endpoints

Resource	End points	Summary	url
Applicants	add	Add a single or multiple applicant	<a href="https://api.tcu.go.tz/applicants/add">https://api.tcu.go.tz/applicants/add</a>
	resubmit	Resubmit Details for one or multiple applicants	<a href="https://api.tcu.go.tz/applicants/resubmit">https://api.tcu.go.tz/applicants/resubmit</a>
	checkStatus	Check admission Status of one or more Applicants during application phase	<a href="https://api.tcu.go.tz/applicants/checkStatus">https://api.tcu.go.tz/applicants/checkStatus</a>
	getStatus	Get the multiple/single admission status of a list of applicants per programme after selection	<a href="https://api.tcu.go.tz/applicants/getStatus">https://api.tcu.go.tz/applicants/getStatus</a>
	getConfirmed	Get a list of confirmed applicants per programme	<a href="https://api.tcu.go.tz/applicants/getConfirmed">https://api.tcu.go.tz/applicants/getConfirmed</a>
	submitProgramme	Submit Applicant Programme Choices	<a href="https://api.tcu.go.tz/applicants/submitProgramme">https://api.tcu.go.tz/applicants/submitProgramme</a>
	getApplicantVerificationStatus	Get Applicant's Verification Status	<a href="https://api.tcu.go.tz/applicants/getApplicantVerificationStatus">https://api.tcu.go.tz/applicants/getApplicantVerificationStatus</a>
	submitEnrolledStudents	Submit undergraduate enrolled/registered students	<a href="https://api.tcu.go.tz/applicants/submitEnrolledStudents">https://api.tcu.go.tz/applicants/submitEnrolledStudents</a>
	submitEnrolledPostgraduateStudents	Submit postgraduate enrolled/registered students	<a href="https://api.tcu.go.tz/applicants/submitEnrolledPostgraduateStudents">https://api.tcu.go.tz/applicants/submitEnrolledPostgraduateStudents</a>
	submitGraduates	Submit graduates	<a href="https://api.tcu.go.tz/applicants/submitGraduates">https://api.tcu.go.tz/applicants/submitGraduates</a>
	submitInstitutionStaff	Submit Institution Staff	<a href="https://api.tcu.go.tz/applicants/submitInstitutionStaff">https://api.tcu.go.tz/applicants/submitInstitutionStaff</a>
	getInternalTransferStatus	Get verification status for internally transferred students	<a href="https://api.tcu.go.tz/applicants/getInternalTransferStatus">https://api.tcu.go.tz/applicants/getInternalTransferStatus</a>
	getInterInstitutionalTransferStatus	Get verification status for inter-institutional transferred students	<a href="https://api.tcu.go.tz/applicants/getInterInstitutionalTransferStatus">https://api.tcu.go.tz/applicants/getInterInstitutionalTransferStatus</a>
	restoreCancelledAdmission	Restore cancelled admission	<a href="https://api.tcu.go.tz/admission/restoreCancelledAdmission">https://api.tcu.go.tz/admission/restoreCancelledAdmission</a>
	submitStudentsDropOuts	Submit students drop-outs	<a href="https://api.tcu.go.tz/applicants/submitStudentsDropOuts">https://api.tcu.go.tz/applicants/submitStudentsDropOuts</a>

Resource	End points	Summary	url
	submitPostponedStudents	Submit students who postponed studies	<a href="https://api.tcu.go.tz/applicants/submitPostponedStudents">https://api.tcu.go.tz/applicants/submitPostponedStudents</a>
	submitAdmittedNonDegree	Submit admitted students into non-degree programmes	<a href="https://api.tcu.go.tz/applicants/submitAdmittedNonDegree">https://api.tcu.go.tz/applicants/submitAdmittedNonDegree</a>
	getNonDegreeAdmittedStatus	Get verification status for non-degree admitted students	<a href="https://api.tcu.go.tz/applicants/getNonDegreeAdmittedStatus">https://api.tcu.go.tz/applicants/getNonDegreeAdmittedStatus</a>
	submitPostgraduateApplicants	Submit applicants applied for Postgraduate programmes	<a href="https://api.tcu.go.tz/applicants/submitPostgraduateApplicants">https://api.tcu.go.tz/applicants/submitPostgraduateApplicants</a>
	submitAdmittedPostgraduate	Submit admitted students to Postgraduate programmes	<a href="https://api.tcu.go.tz/applicants/submitAdmittedPostgraduate">https://api.tcu.go.tz/applicants/submitAdmittedPostgraduate</a>
	getPostgraduateAdmittedStatus	Get verification status for admitted students into Postgraduate programmes	<a href="https://api.tcu.go.tz/applicants/getPostgraduateAdmittedStatus">https://api.tcu.go.tz/applicants/getPostgraduateAdmittedStatus</a>
	submitPostgraduateTransfers	Submit transferred students from one Postgraduate programme to another within the same institution or from one institution to another	<a href="https://api.tcu.go.tz/applicants/submitPostgraduateTransfers">https://api.tcu.go.tz/applicants/submitPostgraduateTransfers</a>
	getPostgraduateTransferStatus	Download transferred students into Postgraduate programmes and their verification status	<a href="https://api.tcu.go.tz/applicants/getPostgraduateTransferStatus">https://api.tcu.go.tz/applicants/getPostgraduateTransferStatus</a>
	submitForeignApplicants	Add foreigners applied for admission into bachelor programmes in Tanzania	<a href="https://api.tcu.go.tz/applicants/submitForeignApplicants">https://api.tcu.go.tz/applicants/submitForeignApplicants</a>
	submitForeignAdmittedDirect	Submit to the Commission the list of admitted foreigners into bachelor programmes under Direct Entry	<a href="https://api.tcu.go.tz/applicants/submitForeignAdmittedDirect">https://api.tcu.go.tz/applicants/submitForeignAdmittedDirect</a>
	submitForeignAdmittedEquivalent	Submit to the Commission the list of admitted foreigners into bachelor programmes under Equivalent Entry	<a href="https://api.tcu.go.tz/applicants/submitForeignAdmittedEquivalent">https://api.tcu.go.tz/applicants/submitForeignAdmittedEquivalent</a>
Admission	confirm	Confirm Applicant	<a href="https://api.tcu.go.tz/admission/confirm">https://api.tcu.go.tz/admission/confirm</a>

Resource	End points	Summary	url
		Selections	
	unconfirm	Unconfirm previous selection	<a href="https://api.tcu.go.tz/admission/unconfirm">https://api.tcu.go.tz/admission/unconfirm</a>
	getProgrammes	Get programmes with Admitted candidates	<a href="https://api.tcu.go.tz/admission/getProgrammes">https://api.tcu.go.tz/admission/getProgrammes</a>
	getAdmitted	Get admitted applicants per programme	<a href="https://api.tcu.go.tz/admission/getAdmitted">https://api.tcu.go.tz/admission/getAdmitted</a>
	reject	Cancel/Reject admission	<a href="https://api.tcu.go.tz/dashboard/reject">https://api.tcu.go.tz/dashboard/reject</a>
	requestConfirmationCode	Request confirmation code for multiple admission student	<a href="https://api.tcu.go.tz/dashboard/requestConfirmationCode">https://api.tcu.go.tz/dashboard/requestConfirmationCode</a>
	submitInterInstitutionalTransfers	Submit inter institutional transfers	<a href="https://api.tcu.go.tz/admission/submitInterInstitutionalTransfers">https://api.tcu.go.tz/admission/submitInterInstitutionalTransfers</a>
	submitInternalTransfers	Submit internal transfers	<a href="https://api.tcu.go.tz/admission/submitInternalTransfers">https://api.tcu.go.tz/admission/submitInternalTransfers</a>
Dashboard	populate	Populate Dashboard	<a href="https://api.tcu.go.tz/dashboard/populate">https://api.tcu.go.tz/dashboard/populate</a>

## 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

Code	Message	Message Description
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 the 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 the 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 the application phase.

**b. Broadcast admission status**

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

- clear admission
- multiple admissions
- unqualified
- name mismatch
- prior admission
- HEIs will populate 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 your 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 undergraduate enrolled/registered students  
Submit to TCU the list of registered/enrolled students into undergraduate programmes 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 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
- 7.32     Submit postgraduate enrolled/registered students  
            Submit to TCU the list of registered/enrolled students into postgraduate programmes in the academic year.
- 7.33     Submit foreign applicants applied for admissions into bachelor degree programmes  
            Submit the list of foreigners applied for bachelor degree programmes in Tanzania institutions.

- 7.34 Submit admitted foreigners into bachelor's degree programmes under Direct Entry  
Submit the list of foreigners admitted into bachelor's degree programmes in Tanzania institutions under Direct Entry.
- 7.35 Submit admitted foreigners into bachelor's degree programmes under Equivalent Entry  
Submit the list of foreigners admitted into bachelor's degree programmes in Tanzania institutions under Equivalent Entry.

## **8. Contact Details**

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