**API Contracts**

**Define :** to get fee structure

**Headers :**

**HTTP Method :** GET

**URL :** /programme/programme=bTech = /programme/{id}

**Request :** {}

**Response :**

**{**

**“Status” :** 200,

**“errorCode” :** NULL,

**“timeStamp” :** “1023456754333”,

**“Message” :** “ok”,

“data” : {

“programmeID” : Integer,

“programmeName” : “String”,

“tuitionFee” : Integer,

“libraryFee” : Integer,

“messFee” : Integer,

“medicalFee” : Integer,

“hostelFee” : “Integer,

“Amount” : Integer

}

}

**Define :** to log in (to authenticate the user)

**Headers :**

**HTTP Method :** POST

**URL :** /user/login = /student/login

**Request :**

**{**

“rollNumber ” : “String”,

“pasword” **:** “String”

**}**

**Response :**

**{**

**“Status” :** 200,

**“errorCode” :** NULL,

**“timeStamp” :** “1023456754333”,

**“Message” :** “ok”,

“data” : {

“user” : {

“firstName” : “String”,

“lastName” : “String”,

“rollNumber” : “String”

},

“Programme”: {

“programmeName” : “String”,

“amount” : Integer

},

“Payment”: {

“paymentStatus” : “String”, },

“token” : String

}

}

**Define :**  to log out

**Headers : Authorization <token>**

**HTTP Method :** POST

**URL :** /user/logout = /student/logout

**Request : {}**

**Response :**

**{**

**“Status” :** 200,

**“errorCode” :** NULL,

**“timeStamp” :** “1023456754333”,

**“Message” :** “Log out successful”

}

**Define :** to print receipt

**Headers : Authorization <token>**

**HTTP Method :** GET

**URL :** /user/printReceipt = /student/payment/{paymentId}

**Request :**

{}

**Response :**

**{**

**“Status” :** 200,

**“errorCode” :** NULL,

**“timeStamp” :** “1023456754333”,

**“Message” :** “ok”,

**“Data” :** {

“ user” : {

“firstName” : “String”,

“lastName” : “String”,

“rollNumber” : “String”

},

“Programme”: {

“programmeName” : “String”

}

“payment” : {

“paymentId” : Integer

“amount” : Integer,

“paymentStatus” : “String”

}

}

}

**Define :** page after payment (payment gateway)

**Headers : Authorization <token>**

**HTTP Method :** POST

**URL :** /paymentStatus = /student/payment

**Request :**

**{**

**“firstName” :** “String”,

**“lastName” :** “String”,

**“rollNumber ”** : “String”,

**“amount” :** Integer

**}**

**Response :**

**{**

**“Status” :** 200,

**“errorCode” :** NULL,

**“timeStamp” :** “1023456754333”,

**“Message” :** “Payment Received”,

**“Data” :** {

“ “paymentId” : Integer,

“paymentStatus” : “String”

}

**}**