

IT TRAINING BD

API Testing

Time: 1 hour

Base_Url: <https://thetestingworldapi.com>

Get Student

METHOD: GET

STATUS CODE: 200

Request URL: baseUrl/api/studentsDetails

Response: [

```
{
  "id": 526717,
  "first_name": "Anna",
  "middle_name": "Banana",
  "last_name": null,
  "date_of_birth": "12/23/1990"
},
{
  "id": 526716,
  "first_name": "sample ",
  "middle_name": "sample ",
  "last_name": "sample ",
  "date_of_birth": "sample "
},
{
  "id": 526715,
  "first_name": "Anna",
  "middle_name": "Banana last_name=Uzumaki",
  "last_name": null,
  "date_of_birth": "12/23/1990"
}
]
```

1. Write a test case for Status Code Validation

Create Student

METHOD: POST

STATUS CODE: 201

Request URL: baseUrl/api/studentsDetails

Body

```
{
  "first_name": "sample string 2",
  "middle_name": "sample string 3",
  "last_name": "sample string 4",
  "date_of_birth": "sample string 5"
}
```

Response: {

```
  "id": 526718,
  "first_name": "sample string 2",
  "middle_name": "sample string 3",
  "last_name": "sample string 4",
  "date_of_birth": "sample string 5"
}
```

1. Write a test case for Status Code Validation.
2. Write a test case for (first name, middle name, last name, date of birth) field value validation.

Update Student

METHOD: PUT

STATUS CODE: 200

Request URL: baseUrl/api/studentsDetails/id

Body

```
{
  "id": {{id}},
  "first_name": "sample ",
  "middle_name": "sample ",
  "last_name": "sample ",
  "date_of_birth": "sample "
}
```

Response: {

```
  "status": "true",
  "msg": "update data success"
}
```

1. Write a test case for Status Code Validation.
2. Write a test case for status and message field value validation.

Get Specific Student

METHOD: GET

STATUS CODE: 200

Request URL: baseUrl/api/studentsDetails/id

Response : {

```
  "status": "true",
  "data": {
    "id": 526716,
    "first_name": "sample ",
    "middle_name": "sample ",
    "last_name": "sample ",
    "date_of_birth": "sample "
  }
}
```

1. Write a test case for Status Code Validation.
2. Write a test case for (id, first name, middle name, last name, date of birth) field value validation.

Create Student Address

METHOD: POST

STATUS CODE: 200

Request URL: baseUrl/api/addresses

Body

```
{
  "Permanent_Address": {
    "House_Number": "sample string 1",
    "City": "sample string 2",
    "State": "sample string 3",
    "Country": "sample string 4",
    "PhoneNumber": [
      {
        "Std_Code": "sample string 1",
        "Home": "sample string 2",
        "Mobile": "sample string 3"
      },
      {
        "Std_Code": "sample string 1",
        "Home": "sample string 2",
        "Mobile": "sample string 3"
      }
    ]
  },
  "stId": id
}
```

Response: {

```
  "status": "true",
  "msg": "Add data success"
}
```

1. Write a test case for Status Code Validation.
2. Write a test case for status and message field value validation.

FINAL STUDENT DETAILS

METHOD: GET

STATUS CODE: 200

Request URL: baseUrl/api/FinalStudentDetails/id

Response: {

```
"status": "true",
"data": {
  "first_name": "test",
  "middle_name": "123",
  "last_name": "sample string 4",
  "date_of_birth": "sample string 5",
  "TechnicalDetails": [],
  "Address": [
    {
      "Permanent_Address": {
        "House_Number": "sample string 1",
        "City": "sample string 2",
        "State": "sample string 3",
        "Country": "sample string 4",
        "PhoneNumber": [
          {
            "Std_Code": "sample string 1",
            "Home": "sample string 2",
            "Mobile": "sample string 3"
          },
          {
            "Std_Code": "sample string 1",
            "Home": "sample string 2",
            "Mobile": "sample string 3"
          }
        ]
      },
      "Current_Address": null,
      "stdId": "1035356"
    }
  ]
}
```

1. Write a test case for Status Code Validation.
2. Write a test case for (House Number, City, Country, Mobile) field value validation.

DELETE Student

METHOD: DELETE

STATUS CODE: 200

Request URL: baseUrl/api/studentsDetails/id

Response: {

```
"status": "true",  
"msg": "Delete data success"  
}
```

1. Write a test case for Status Code Validation.
2. Write a test case for status and message field value validation.