**SOA Project – REST**

1. **Requirements :**

* SOAP UI 3.5 and above | POSTMAN

1. **Environment Details :**

* **URL:**[https://reqres.in](https://reqres.in/) – Ensure that you open this link in the browser and check if working

1. **Project Details :**

**3.1** Start Up - Create a new REST project with the above URL

**3.2** Resources/Operations

The following are the resources/operation that are possible in the application

1. **Getting details using query parameter**

Resource Path:[/api/users?page](https://reqres.in/api/users?page)={Input}

Resource HTTP Method:GET

1. **Getting details using path parameter**

Resource Path :/api/users/{Input}

Resource HTTP Method : GET

1. **Adding new details**

Resource Path : /api/users

Resource HTTP Method: POST

Payload : {"name":"morpheus","job":"leader"}

1. **Updating existing details**

Resource Path : /api/users/{Input}

Resource HTTP Method: PUT

Payload : {"name":"morpheus","job":"associate"}

1. **Deleting existing details**

Resource Path: /api/users/{Input}

Resource HTTP Method: DELETE

3.3 **Test Action**

Create Test Cases for below

1. Adding new details

2. Updating new details

3. Getting the details using path parameter

4. Getting the details using query parameter

**3.3.1 Action 1**

The following instructions needs to be followed as a part of SOAP UI validation

1. Parameterize all inputs by data driven from an excel sheet

2. Log all the results of each execution or every Data Driven task into a text file

Make sure to log the status code also

3. Execution of Data driven tasks should not stop in case of error and should continue execution

**3.3.2 Action 2**

Implement the below using POSTMAN tool

1. Adding new details

2. Updating new details

3. Getting the details using path parameter

4. Getting the details using query parameter

https://www.getpostman.com/collections/0e4c27564670cf531170