

Testing the CRUD Operations and performance of List of Users

Softwares Required:

Eclipse IDE

Java 1.8

Postman

Jmeter

Steps Performed:

GET REQUEST using Postman Tool

- 1) Open Postman application and create collection with name CrudOperation
- 2) Send a GET request to the URL "https://reqres.in/api/users?page=2" and verify whether list of users displaying or not
- 3) Validate the status code 200

POST REQUEST using Postman Tool

- 1) Create a new POST request and pass the new user details in the body and change to JSON Format
- 2) Send a POST request to the URL "https://reqres.in/api/users?page=2" and verify whether new user gets created or not
- 3) Validate the status code 201

Rest Assured

Automation Scripts for GET and POST Request using Rest Assured had performed and generated Log on Eclipse console using Log4j

JMeter

Checked above web services performance using JMeter

Also performed

- 1) Load Testing
- 2) Stress Testing
- 3) Spike Testing