**CAPSTONE PROJECT**

Project Details: -

Automation Testing using different Tools –

1. API with Rest Assured
2. Selenium using TestNg
3. Postman
4. JMeter

**Create a Testing Framework for Sporty Shoes Website**

* The above application is already functional. What is needed now is to add a testing layer that will ensure that everything is passed through QA.

Testing Process: -

Selenium using Testng:

Automate the Sporty Shoes Website and buy shoes online: -

1. Create Maven project
2. Update dependencies in pom.xml with selenium and testng dependencies.
3. According to the Project statement, Create pages and test script using page object model.
4. Import the Pages to Test Script
5. Run the Test Script.
6. Verify from console Output.

Postman:

For Get Request: -

1. Create a request. ...
2. Enter the URL in the address bar. ...
3. Now, select the GET request from the list of request methods.
4. Now press send.
5. Once you press the send button, you will get the response from the server

For Post Request: -

1. Click on the New menu from the Postman application.
2. SAVE REQUEST in Collection.
3. The Request name gets reflected on the Request tab.
4. Move to the Body tab below the address bar and select the option raw.
5. Then, choose JSON from the Text dropdown.
6. Copy and paste the below information in the Postman Body tab.
7. Click on the Send button.

API with Rest Assured: -

1. Create a Maven project.
2. Add appropriate dependencies in pom.xml
3. Create test scripts for every API end points
4. For GET request, Set status Code to 200.
5. For POST request, set status Code to 200, if they didn’t give any body, or else status code set to 201.
6. Run the test scripts, watch the result in console output.

JMeter: -

Recording Script using JMeter – record the script using Blazemeter plugin, and then upload the script on JMeter.

View result using view result tree.