**JMeter Main Assignment**

**Application URL: https://www.demoblaze.com/index.html**

**Username: admin**

**Password: admin**

1. Create/Record the JMeter script with the help of logic controllers and samplers to test the performance of Sign-up scenario for 15 different users using data parameterization. And generate the load for those 15 users. Validate the pop-up success message if any. And, usage of below elements are mandatory.
2. Add the configuration elements wherever necessary.
3. Add the assertions to validate the responses.
4. Add the timers between each user sign up.
5. Add the listeners to analyze the responses.

1. Create/Record the JMeter script with the help of logic controllers and samplers, to test the performance of Login scenario with 15 valid login users created in the Step 1. And, generate the load for those 15 user accounts which are created. Validate the pop-up success message if any. And, usage of below elements are mandatory.
2. Add the configuration elements wherever necessary.
3. Add the assertions to validate the responses.
4. Add the listeners to analyze the responses.

1. Record the scripts, to test the performance of invalid login user accounts and generate the load of 10 users for the same and validate the pop-up error message. And, usage of below elements are mandatory.

1. Add the configuration elements wherever necessary.
2. Add the assertions to validate the responses.
3. Add the listeners to analyze the responses.

Invalid Credentials for Eg:

Username: abcdef

Password: abcdef

1. Create/Record the JMeter scripts to test the performance of purchasing multiple products from (Mobiles, Laptops and Monitors) categories which are listed in the application.

Select multiple products - > Add those products to Cart -> Go to Cart -> Delete any one of the products -> Place the order.

Generate the load of 25 users to test the performance of above scenario. And, usage of below elements are mandatory.

1. Add the configuration elements wherever necessary.
2. Add the assertions to validate the responses.
3. Add multiple listeners to validate the responses of the load users.

1. Create/Record the JMeter scripts to test the performance of sending the message with the help of Contact option in the application, provide the necessary details for the fields available in Contact.

Generate the load of 20 users to test the performance of above scenario. And, usage of below elements are mandatory.

* 1. Add the configuration elements wherever necessary.
  2. Add the assertions to validate the responses.
  3. Add multiple listeners to validate the responses of the load users.

1. Generate the logs for all the above test scenarios.

1. Generate the Dashboard Report for all the above test scenarios.

1. Run the above scripts in non-GUI mode.

**Solution Expectations:**

* Scripts should have Thread groups, Test fragments, Logic controllers and Samplers and other test elements placed in proper structure.
* Use proper naming standards for the test cases to identify.
* Group the scenarios as different transactions.
* Usage of Listeners is must.
* And, usage of assertions is must.
* Add the configuration elements.
* Add data parameterization and processors wherever necessary.
* Generate the load mentioned in each question and store the logs for the same.
* And, the script should run without any exceptions.

Your assignment will be majorly evaluated based on the above pointers.

***All the best!!!!***