**Evaluate the Performance of an E-learning Application Using JMeter**

**Description**

As a Test Engineer, you are asked to develop an evaluation test for users logged into an e-learning application.

**problem statement:**

As a part of the performance testing in any web portal, the back-end admin requires a module that can retrieve the performance of all the functions. This should be as per your requirement.

**URL to test:** www.simplilearn.com

**Steps to be followed:**

**Recording the tests using blazemeter:**

**Step1**:First record the test that we want to perform in the above page,First open blaze meter and copy the link of the page and start recording in blaze meter.

**Step2**:After pasting the url only its starts the recording and perform the actions we want to execute.

1.first I enter into home page.

2.Next login page.

3.Last register page

**Step3**:After completing the above steps I stopped the recording in Blaze meter ,when I open it again it shows the save option and save the recording in .jmx extension.

**Step4**:It will download the file and shows in downloads.

**JMeter:**

**Step1**:Open the jmeter and open the downloaded file using browse option it will open in jmeter and shows the recordings as provided in screenshots file.

**Step2:**The recordings are shown in test ,we can place those recordings as we want in the I separated the recordings and place in simple controller.

**Step3**:To add simple controller Thread-right click-add-logic controller simple controller.

**Step4**:I created the three controllers for the three actions for home page,login and register.

**Step5:**Then we can add like in this project for Home page controller right click and I added the Response assertion, Row control action.

**Step6:**Then For Login controller right click I added HTML assertion in this assertion we need a file to store errors and warnings I browse and created file.

**Step7**:For Register controller right click added Duration assertion and constant timer.

**Step8:**To see the result we need to add the Listener to the Thread for this I added View result tree, Aggregate report and Assertion Result.

**Step9:**The we can run the script login will show the error because we added the HTML assertion to it and the warnings and errors will store in the txt file which we created.