Evaluate the Performance of an E-learning Application Using Jmeter

Write up:

Aim:

To study and develop an evaluation test for users logged into an e-learning application.

Tools:

JMeter 5.1.1 version
Java Development Kit (Version 8)

Steps and Procedures:

1) Launch the Jmeter in the system
2) Create the thread group
3) Create the user defined variable and the HTTP request inside the thread group.
4) Setup the simple controllers to test the login, home page and logout functionality of the simplilearn platform.
5) Create the path setup inside the HTTP request.
6) Add the response assertion and constant timer to the HTTP Request.
7) Also add the concurrency Thread group to test the simplilearn platform
8) After the launch the simplilearn application in the browser using the webdriver plugin.
9) Further test on the response assertion, for each controller and throughput sampler.
10) Add the listeners such as view result tree, summary report and aggregate report.

GitHub Link: https://github.com/Prajwal-Diwakar/Practice-Project1.git