There are functional issues for example the images and some front-end components are not loaded properly in the UI from server side. So, I am considering only the API Requests for this Load Testing Assignment. I have excluded front end components response time for now.

The Performance testing has been conducted with 5 virtual users under a constant load on the system for 20 minutes and ramping up each user every 10 seconds.

I have defined the base URL and the data pool file globally under User Defined Variables.

Book.Flight.Tickets is a Transaction controller under which I have captured all the requests.

CSV Data set config is used to read the values from the Task2-datapool.csv

HTTP Header Manager and HTTP Cookie Manager are used within the transaction controller which will be shared across all http requests inside the controller

Beanshell pre processor is used to get the current day and month for booking flights.

Analysis:

Login Request is taking too much of time to respond. Average response time is around 4.3 seconds. The Performance needs to be optimised for this Login request.

Selecting Flights Request also took too long to load. Error % is around 49% which is not meeting our SLA of 1000 milliseconds.

Detailed Summary Results are captured in the Task2-Results.csv