

I was not able to host my rest api online because of lag of time, since i not really have worked so much with web base app, and how to deploy it online. But you can clone my code and run it in visual studio.

In Jmeter i tested my rest api by using a csv that loop through some correct and wrong input, and assured them with the expected outputs, the Interest passed all the tests, but in the Discount i find out that i could not recognise inputs with Space in the string like New customer,so that has to be fixed.

In the Non-functional test it showed that:

An error percentage on 0% using the Discount

An Average: 2396, min: 8, max: 5371 response time when a 1000 users is using the Interest functionality.

When comparing the throughput time between the discount(61,2 sec) and interest(64,5 sec), the interest had a 3 sec higher throughput time. When having a 1000 user, else the have the same throughput time when the have 10 or 100 users.