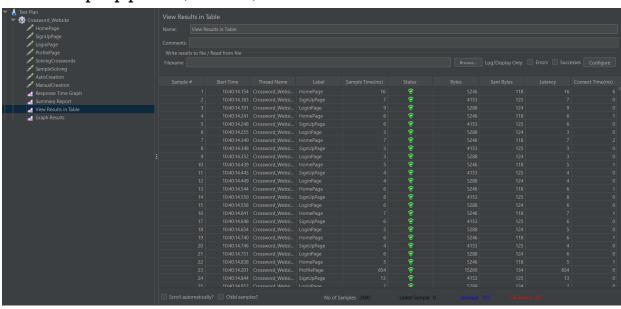
## Non-functional testing:

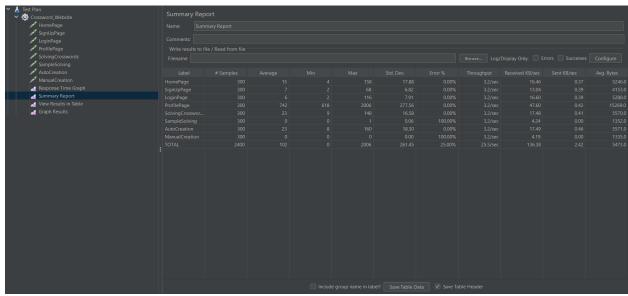
## > Load testing

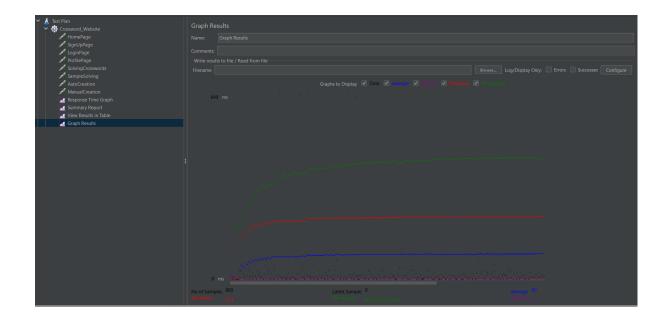
- Testing a system or software programme to see if it can handle a large number of users or transactions is known as load testing.
- Many tools, like Jmeter and Webload, can be used to perform load testing. In our case, load testing is being done using the Apache Jmeter tool.

## • Low traffic

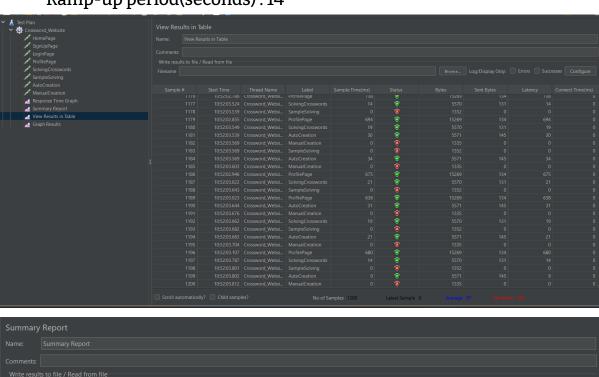
No. of users: 100
 Ramp-up period(seconds): 10

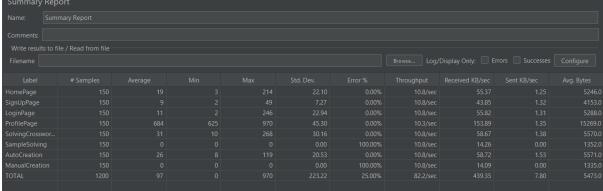


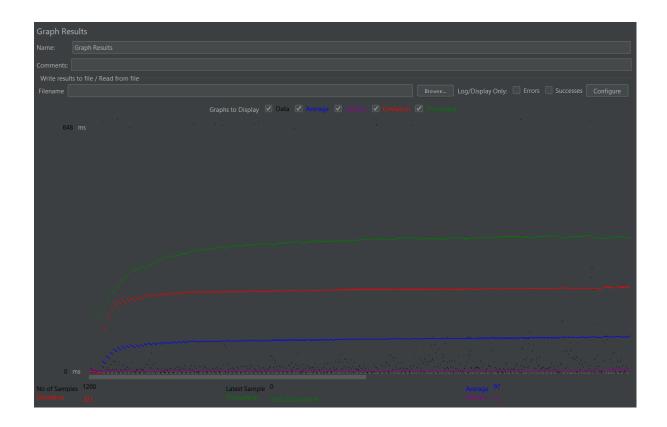




2. No. of users: 150 Ramp-up period(seconds):14

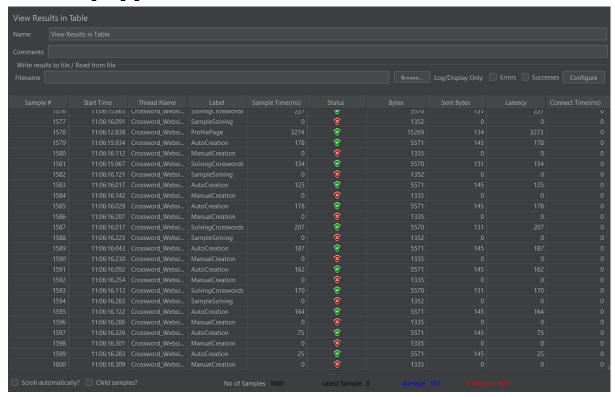




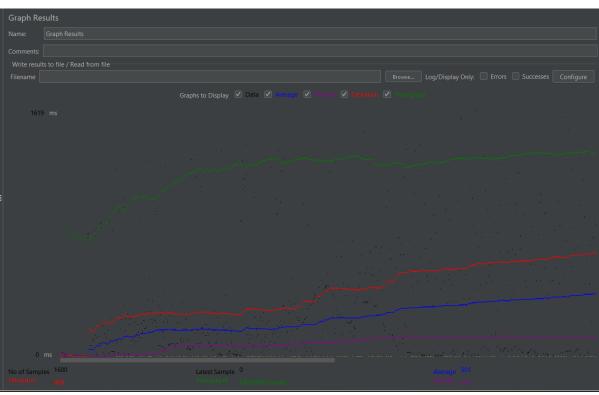


#### Medium traffic

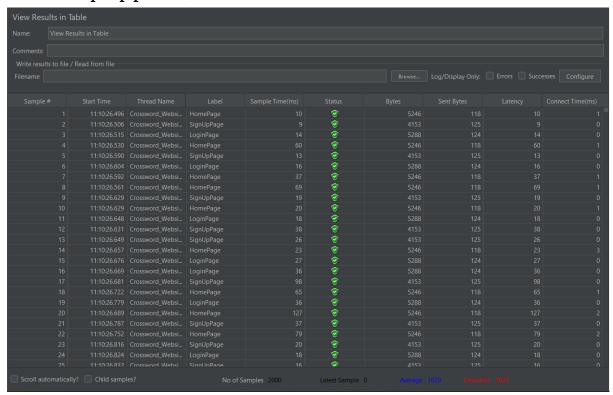
3. No. of users: 200
Ramp-up period(seconds): 10

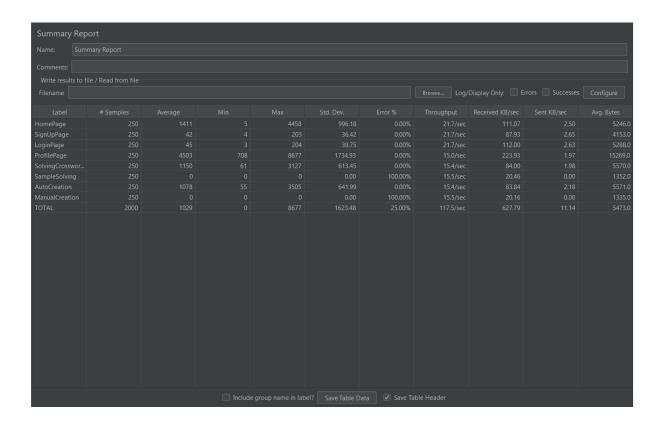


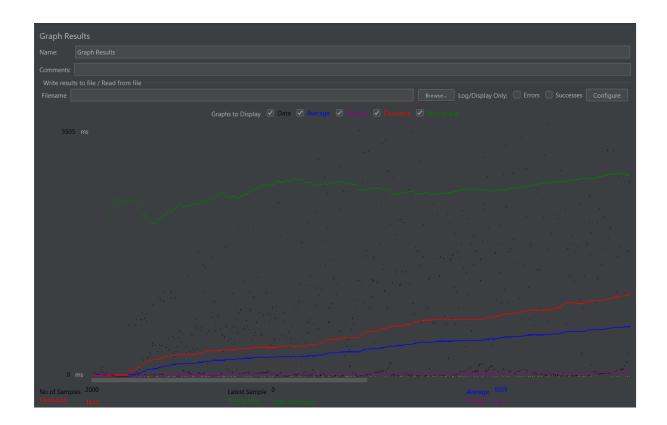
Summary Re	port									
SignUpPage					108.26					
LoginPage										
ProfilePage										
SolvingCrosswor										
AutoCreation								83.22		
ManualCreation										



# No. of users: 250Ramp-up period(seconds): 8

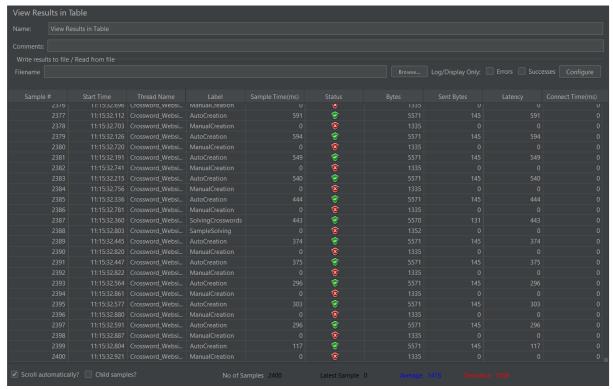


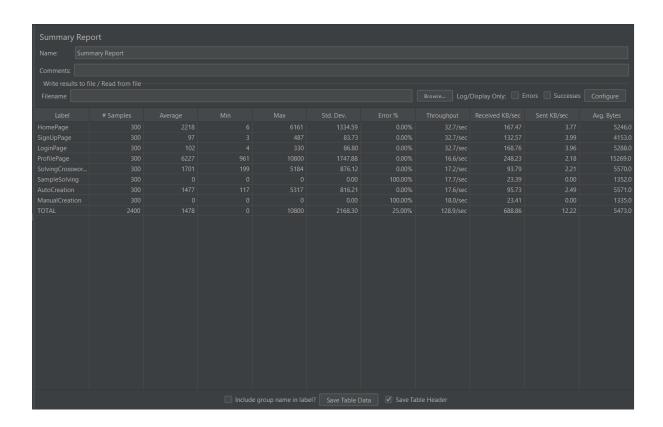


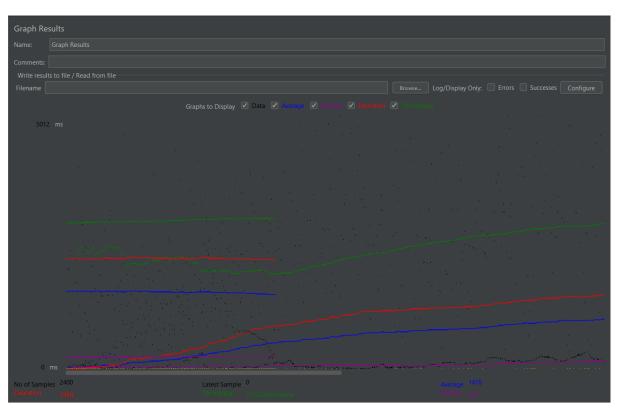


## • High traffic

5. No. of users: 300 Ramp-up period(seconds): 5







### > Stress testing

- Stress tests help you understand the upper limits of a system's capacity using a load beyond the expected maximum.
- o In other words, stress tests help you determine how a system would behave under an extreme load. The goal is more to determine a maximum limit than to identify bottlenecks.
- In order to do stress testing, we have used the Apache JMeter tool.
- 6. No. of users: 500 Ramp-up periods(seconds): 1

