Performance Test Report

Fiver Project Performance Test

Submitted To:

Version: 1.0

Prepared By: Dhanuka Dulanjana

Date: 09/11/2023

<table>
<tr><td colspan="2" align="center">Performance Test Report</td></tr>
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Environment : Production	**Portal Names: Internal Portal**
Client : Fiver Project	

PREPARED BY :	
Name : Dhanuka Dulanjana	**Designation :** Software Quality Assurance Engineer
Signature :	**Date :** 11-November -2023

DOCUMENT REVISION HISTORY:			
Version No.	**Date**	**Description**	**Author (name)**
1.0	11-November -2023	Performance Test Result - Phase 1	Dhanuka Dulanjana

Tested Environment and Pre-requisites:

Software

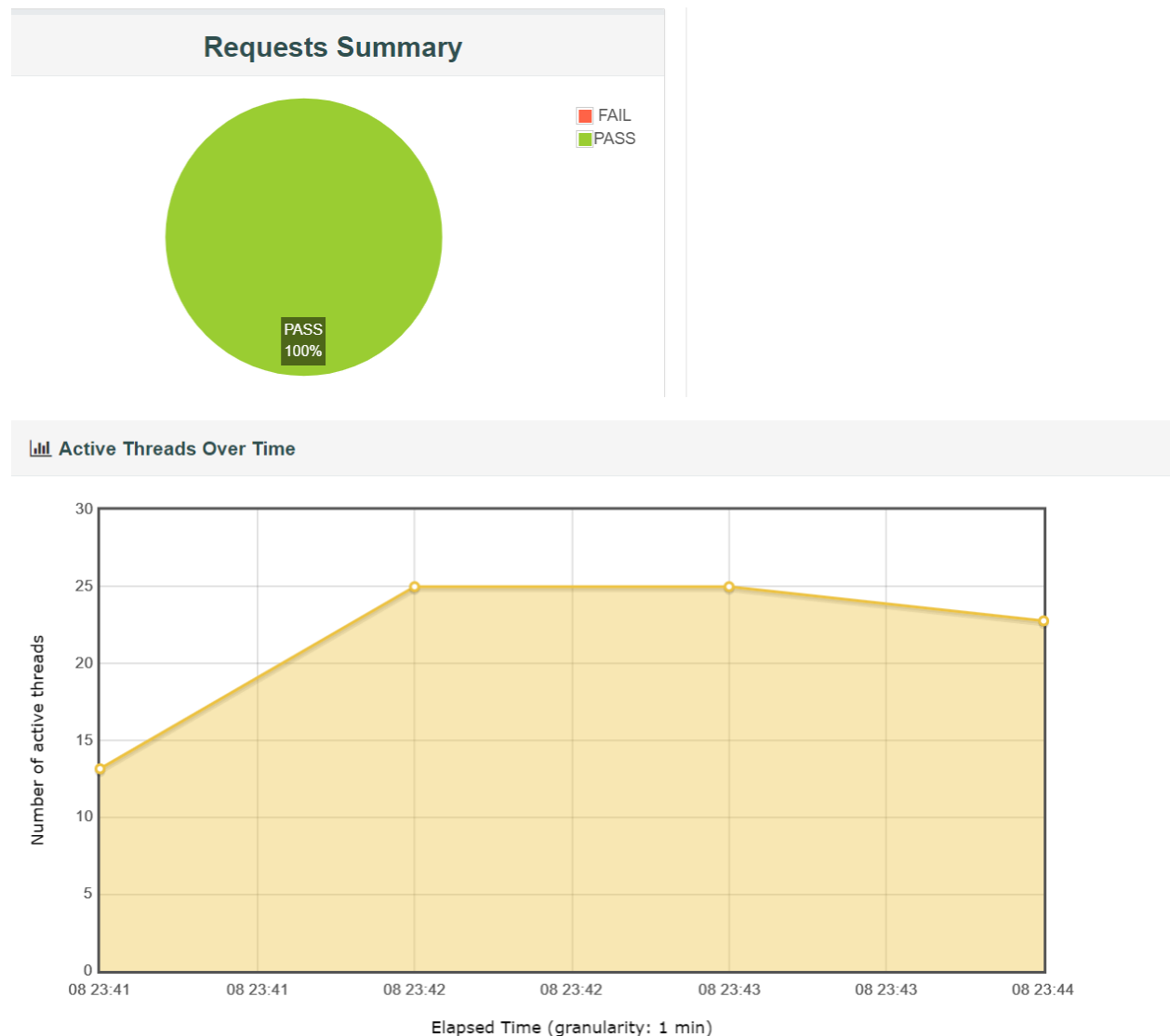| Name	Details
Jmeter	v5.5
Grafana	v9.0.2
InfluxDB	v 1.8.0

Execution Results

1. Test Scenario: 25 Users – Internal Portal –Log In and Search Person

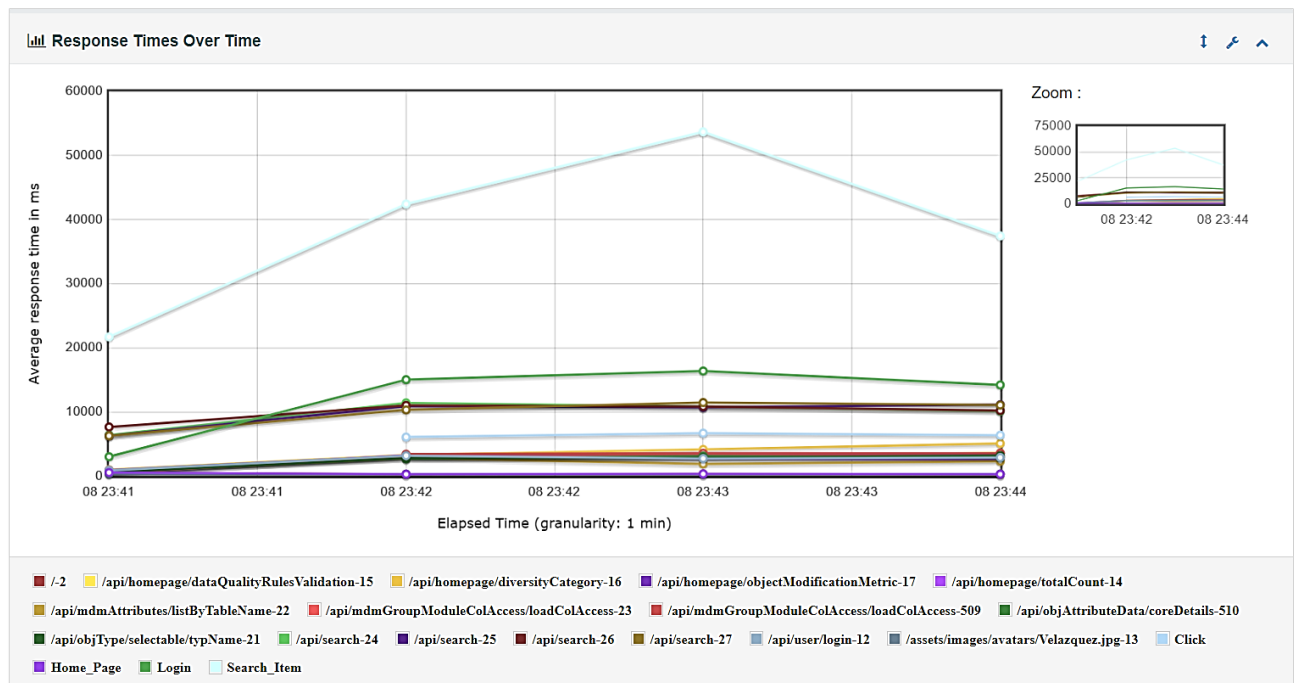### 1.1 25 Users –3 Minutes (Passed)

Time Duration: 3 Minutes
No of Threads:- 25

[Figure 1.11 – Thread Group Details]

Figure 1.11 refers to how 25 concurrent users stayed in the system during the 3-minute execution time period.
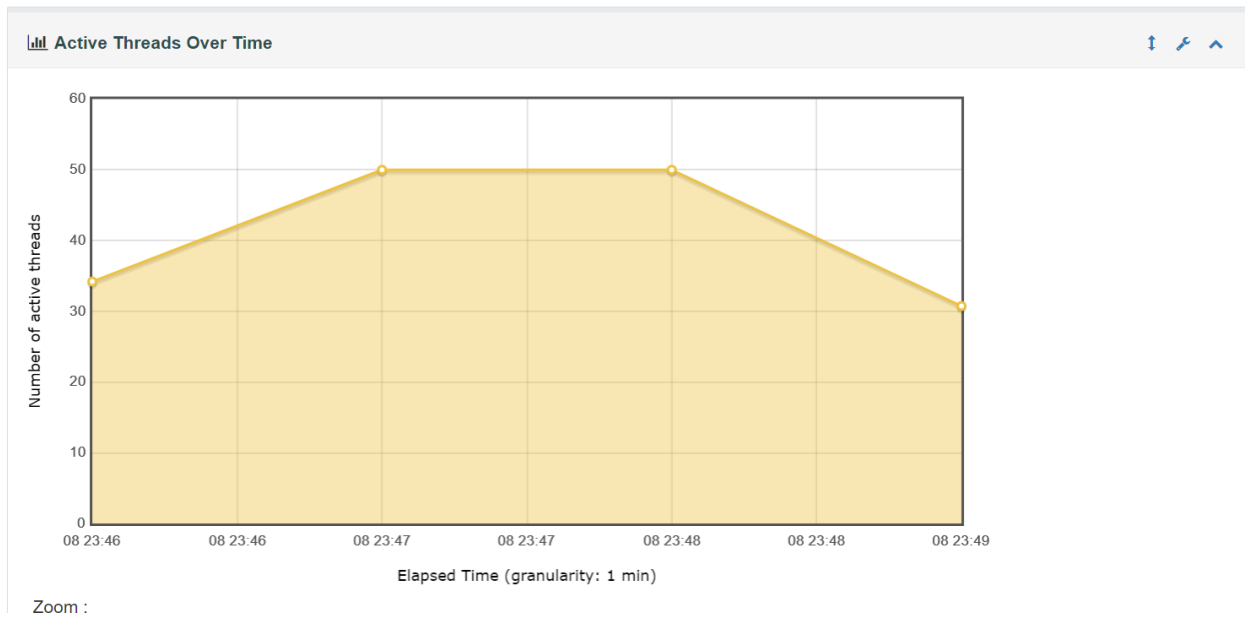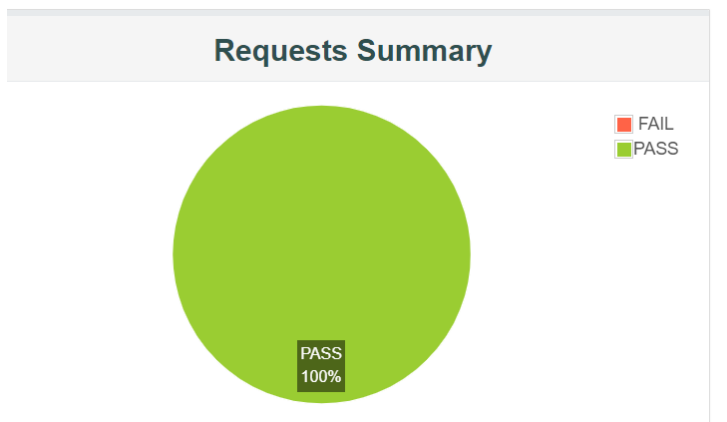
[Figure 1.1 – Summary Details]

According to Figure 1.1 Response time is high for search scenario. To reduce the response time, Need to check Queries behind the search scenario and optimize it.

2. Test Scenario: 50 Users – Internal Portal –Log In and Search Person

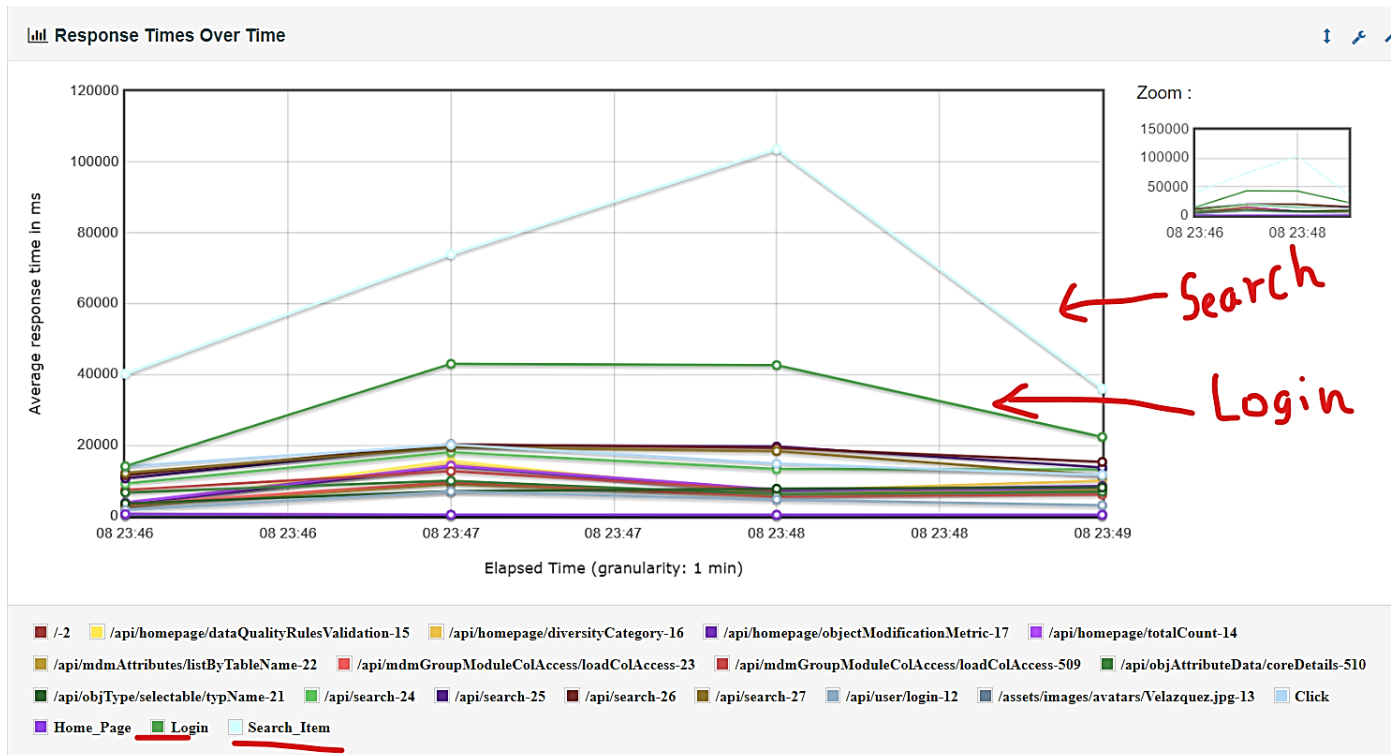### 2.1 50 Users –3 Minutes (Passed)

Time Duration: 3 Minutes
No of Threads:- 25

[Figure 2.11 – Thread Group Details]

Figure 2.11 refers to how 50 concurrent users stayed in the system during the 3-minute execution time period.

[Figure 2.1 – Summary Details]

According to Figure 2.1 Response time is high for search scenario. To reduce the response time, Need to check Queries behind the search scenario and optimize it.
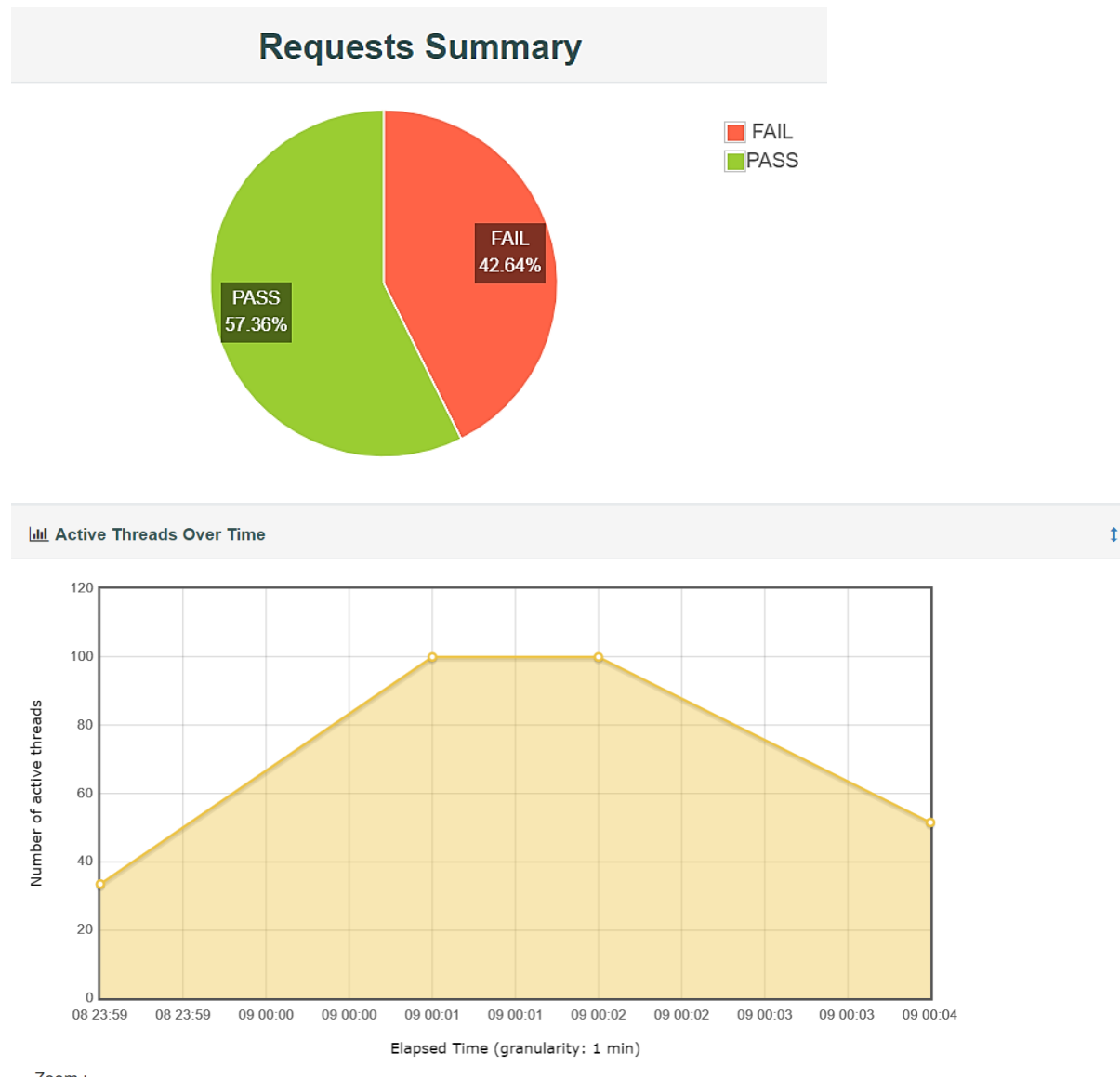
Also when the user count is increased from 25 to 50, Login Function also has a high response time.

3. Test Scenario: 50 Users – Internal Portal –Log In and Search Person
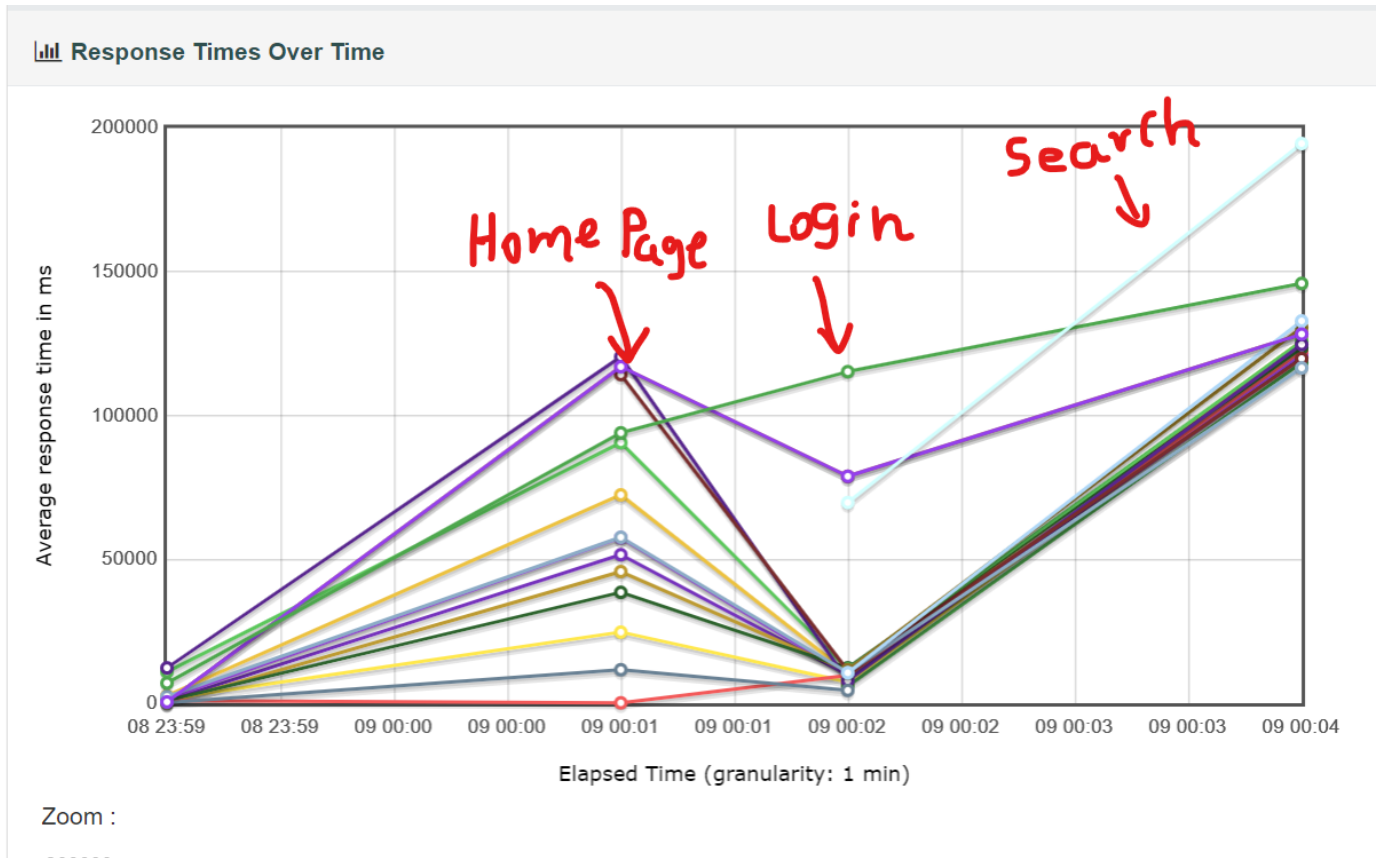
3.1 100 Users –3 Minutes (Failed)

Time Duration: 3 Minutes
No of Threads:- 100

Requests Summary

Active Threads Over Time

[Figure 3.11 – Thread Group Details]

Figure 3.11 refers to how 100 concurrent users stayed in the system during the 3-minute execution time period.

[Figure 3.1 – Summary Details]

According to Figure 3.1 Response time is high for search scenario. To reduce the response time, Need to check Queries behind the search scenario and optimize it.

Also when the user count is increased from 50 to 100, Login Function also has a high response time.

System is not stable with 100 Users

Conclusion

25Users

- System is stable with 25 Users.

50Users

- System is stable with 50 Users, but System gets bit slow with 50 users.

100Users

- **System is not stable with 100 Users.**