# Non-functional testing

"LOADING TESTING"

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# \*\*JMeter Summary Report Parameters\*\*

The Summary Report in JMeter provides key insights into test performance. Below is a simplified explanation of each parameter:

#### 1. \*\*Label\*\*

- Represents the name or URL of a specific request.
- If the "Include group name in label?" option is enabled, the Thread Group name is prefixed.

### 2. \*\*Samples\*\*

- Shows the number of virtual users (samples) sent for a request.

### 3. \*\*Average\*\*

- Displays the average response time (in milliseconds) for all samples under the label.

#### 4. \*\*Min\*\*

- The shortest response time recorded for the label.

#### 5. \*\*Max\*\*

- The longest response time recorded for the label.

# 6. \*\*Standard Deviation (Std. Dev.)\*\*

- Measures the variation in response times.
- Lower values indicate more consistent performance.

- \*\*Best Practice:\*\* Std. Dev. should be less than or equal to half of the average response time.

#### 7. \*\*Error%\*\*

- The percentage of failed requests for the label.

# 8. \*\*Throughput\*\*

- The number of requests processed per second by the server.
- Higher throughput indicates better performance.

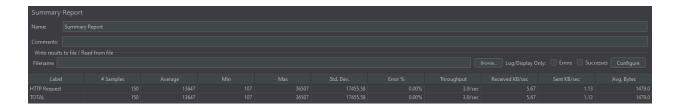
### 9. \*\*KB/Sec\*\*

- The amount of data (in KB) downloaded from the server per second.

This report provides a concise overview of your system's performance, helping identify bottlenecks and ensure stability under load.

# **Home page:**

### For 150 user:



# For 200 user:





# **Profile page:**

### For 150 users:



# For 200 users:



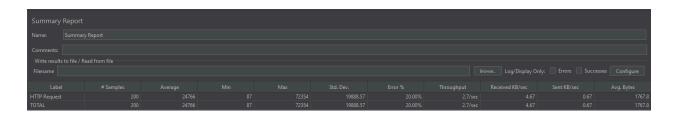


# **Edit Profile page:**

# For 150 users:



### For 200 users:





# **Search page:**

# For 150 users:



# For 200 users:





# **View-course:**

#### For 150 users:



#### For 200 users:



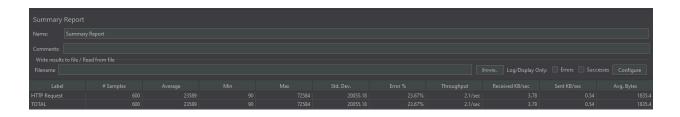


# Instructor-dashboard:

### For 150 users:



#### For 200 users:





# **Edit-course:**

#### For 150 users:



#### For 200 users:



