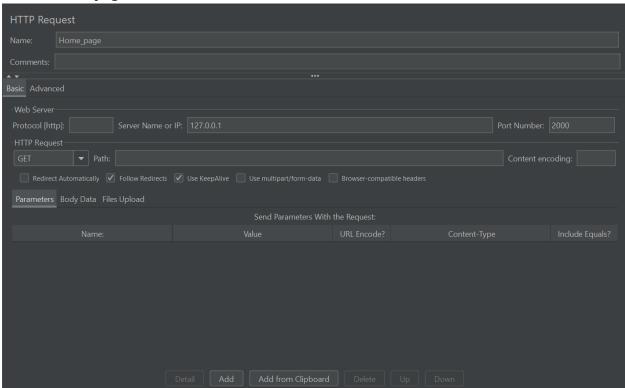# Fake News Faux Real :

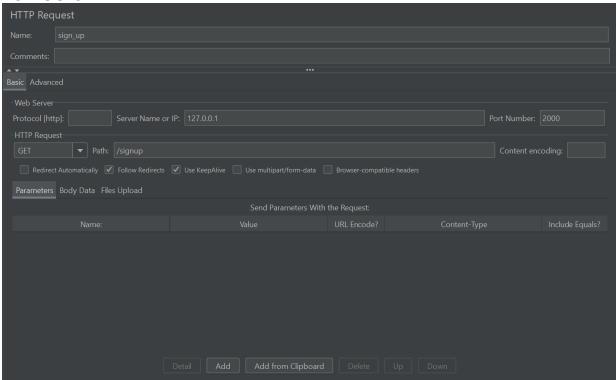# Group 24 : Non-Functional Testing

Jmeter Testing :

- This testing is called Load testing or Scalability testing.
- It ensures fast and scalable software.
- You can perform this test by running multiple application simultaneously, subjecting a server to a high amount of traffic.
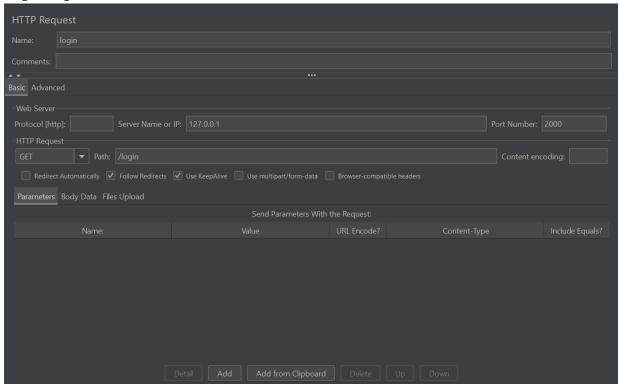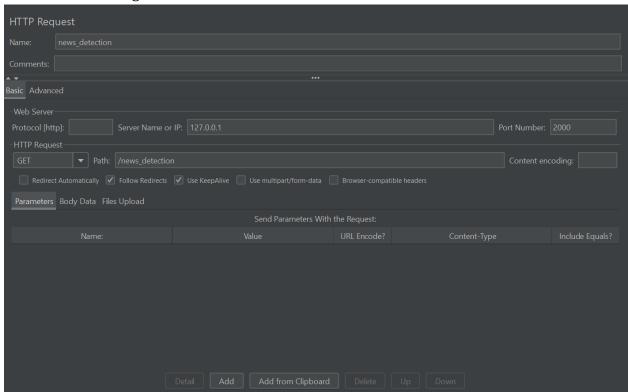
- Home page

Sign Up page

HTTP Request

Name:	sign_up
Comments:	

Basic Advanced

Web Server

Protocol [http]: ____ Server Name or IP: 127.0.0.1 Port Number: 2000

HTTP Request

GET ▼ Path: /signup Content encoding: ____

☐ Redirect Automatically ☑ Follow Redirects ☑ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters Body Data Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?

Detail | Add | Add from Clipboard | Delete | Up | Down

Login Page

HTTP Request

Name:	login
Comments:	

Basic Advanced

Web Server

Protocol [http]: ____ Server Name or IP: 127.0.0.1 Port Number: 2000

HTTP Request

GET ▼ Path: /login Content encoding: ____

☐ Redirect Automatically ☑ Follow Redirects ☑ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters Body Data Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?

Detail | Add | Add from Clipboard | Delete | Up | Down

News Detection Page

HTTP Request

Name: news_detection

Comments:

Basic | Advanced

Web Server

Protocol [http]: | Server Name or IP: 127.0.0.1 | Port Number: 2000

HTTP Request

GET ▾ | Path: /news_detection | Content encoding:

☐ Redirect Automatically ☑ Follow Redirects ☑ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters | Body Data | Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?

Detail | Add | Add from Clipboard | Delete | Up | Down

Contact us Page

HTTP Request

Name: contact_us

Comments:

Basic | Advanced

Web Server

Protocol [http]: | Server Name or IP: 127.0.0.1 | Port Number: 2000

HTTP Request

GET ▾ | Path: /contact_us | Content encoding:

☐ Redirect Automatically ☑ Follow Redirects ☑ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters | Body Data | Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?

Detail | Add | Add from Clipboard | Delete | Up | Down

About us Page

HTTP Request

Name:	about_us
Comments:	

Basic Advanced

Web Server

Protocol [http]:		Server Name or IP:	127.0.0.1	Port Number:	2000

HTTP Request

GET Path: /about_us   Content encoding:

☐ Redirect Automatically ☑ Follow Redirects ☑ Use KeepAlive ☐ Use multipart/form-data ☐ Browser-compatible headers

Parameters Body Data Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?

Detail Add Add from Clipboard Delete Up Down

Test 1:

    a. Test Parameters
- 10 users
- 1 sec time interval between two consecutive requests
- 10 requests per users

b. Results obtained
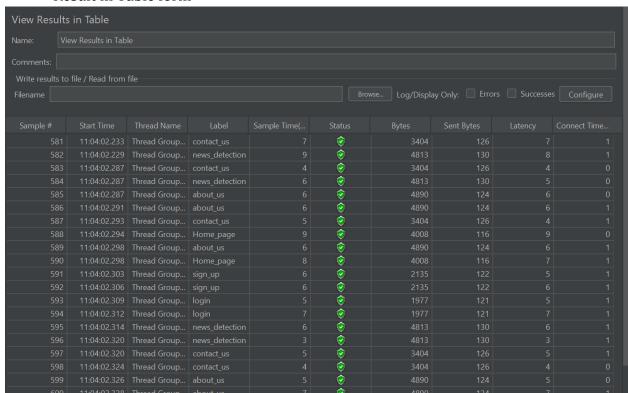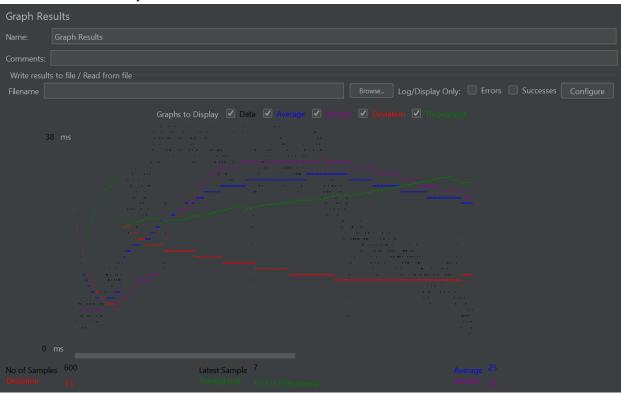● Result in tree form
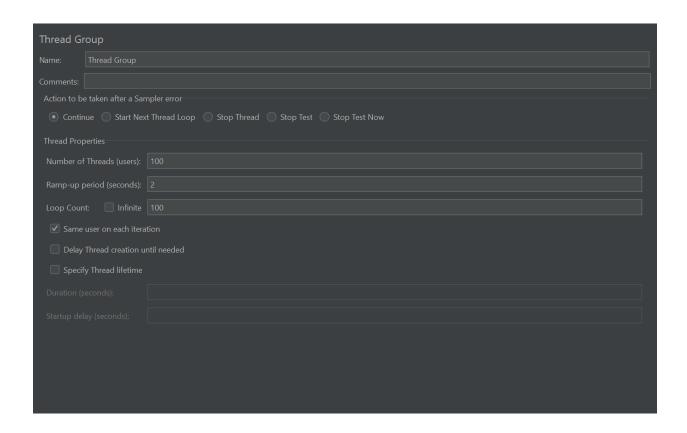

● Result in Table form

● Result in Graph form

Test 2:

    a. Test parameters

● 100 users
● 2 sec time interval between two consecutive requests
● 100 requests per users
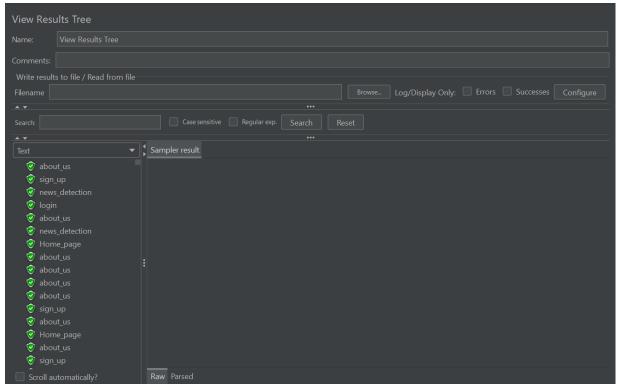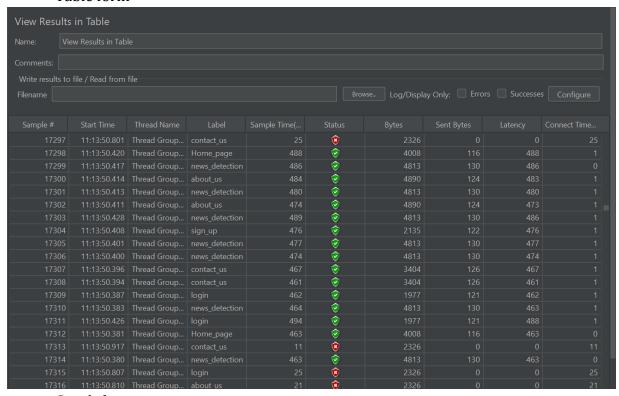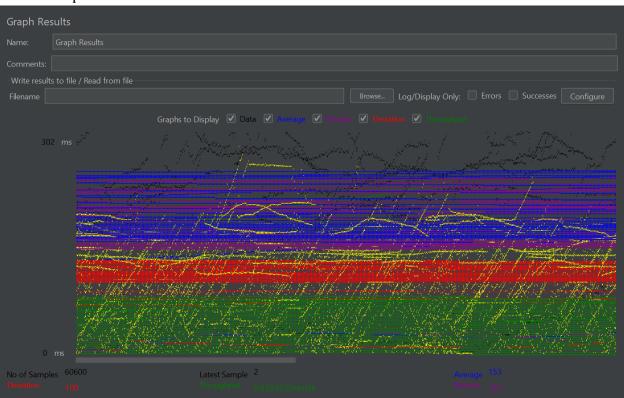
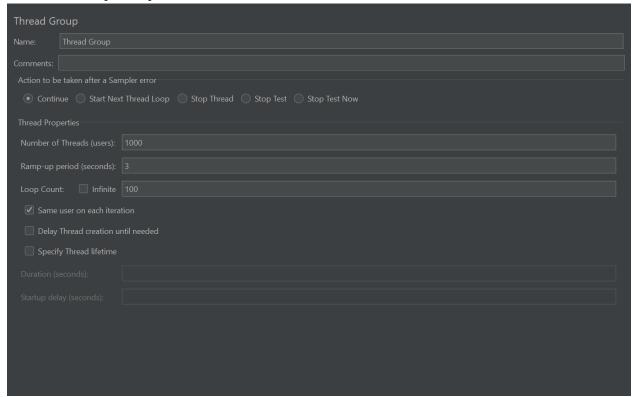b. Results obtained
   ● Tree form

- Table form

View Results in Table

| Name: | View Results in Table |
| Comments: | |

Write results to file / Read from file

Filename [_____] Browse… Log/Display Only: ☐ Errors ☐ Successes [Configure]

Sample #	Start Time	Thread Name	Label	Sample Time(...	Status	Bytes	Sent Bytes	Latency	Connect Time...
17297	11:13:50.801	Thread Group...	contact_us	25	❌	2326	0	0	25
17298	11:13:50.420	Thread Group...	Home_page	488	✅	4008	116	488	1
17299	11:13:50.417	Thread Group...	news_detection	486	✅	4813	130	486	0
17300	11:13:50.414	Thread Group...	about_us	484	✅	4890	124	483	1
17301	11:13:50.413	Thread Group...	news_detection	480	✅	4813	130	480	1
17302	11:13:50.411	Thread Group...	about_us	474	✅	4890	124	473	1
17303	11:13:50.428	Thread Group...	news_detection	489	✅	4813	130	486	1
17304	11:13:50.408	Thread Group...	sign_up	476	✅	2135	122	476	1
17305	11:13:50.401	Thread Group...	news_detection	477	✅	4813	130	477	1
17306	11:13:50.400	Thread Group...	news_detection	474	✅	4813	130	474	1
17307	11:13:50.396	Thread Group...	contact_us	467	✅	3404	126	467	1
17308	11:13:50.394	Thread Group...	contact_us	461	✅	3404	126	461	1
17309	11:13:50.387	Thread Group...	login	462	✅	1977	121	462	1
17310	11:13:50.383	Thread Group...	news_detection	464	✅	4813	130	463	1
17311	11:13:50.426	Thread Group...	login	494	✅	1977	121	488	1
17312	11:13:50.381	Thread Group...	Home_page	463	✅	4008	116	463	0
17313	11:13:50.917	Thread Group...	contact_us	11	❌	2326	0	0	11
17314	11:13:50.380	Thread Group...	news_detection	463	✅	4813	130	463	0
17315	11:13:50.807	Thread Group...	login	25	❌	2326	0	0	25
17316	11:13:50.810	Thread Group...	about_us	21	❌	2326	0	0	21

- Graph form

Graph Results

| Name: | Graph Results |
| Comments: | |

Write results to file / Read from file

Filename [_____] Browse… Log/Display Only: ☐ Errors ☐ Successes [Configure]

Graphs to Display ☑ Data ☑ Average ☑ Median ☑ Deviation ☑ Throughput

302 ms

0 ms

| No of Samples | 60600 | Latest Sample | 2 | Average | 153 |
| Deviation | 100 | Throughput | 5,539,023/minute | Median | |

Test 3:

    a. Test parameters
- 1000 users
- 3 sec time interval between two consecutive requests
- 100 requests per users
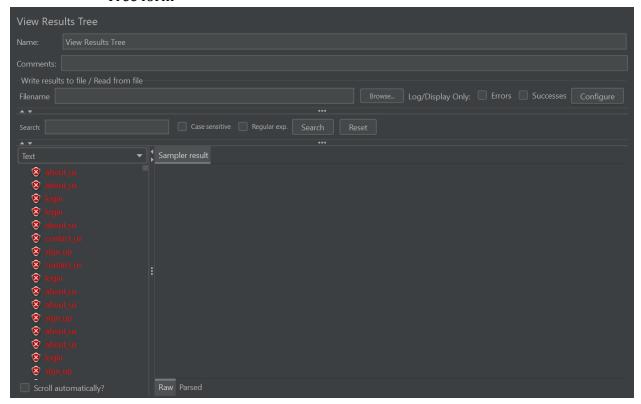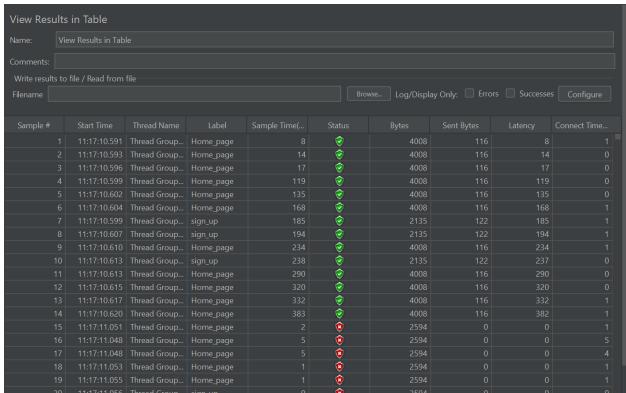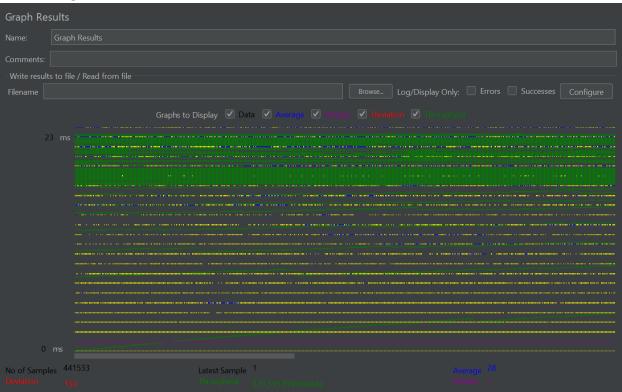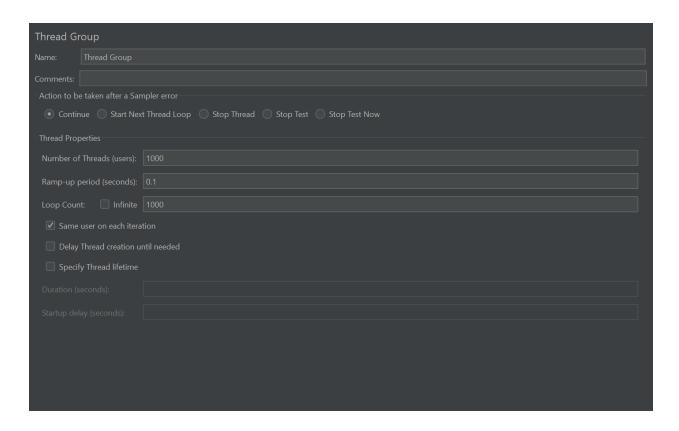
b. Results
  ● Tree form

  ● Table form

- Graph form

Test 4:

    a. Test Parameters
- 1000 users
- 0.1 sec time interval between two consecutive requests
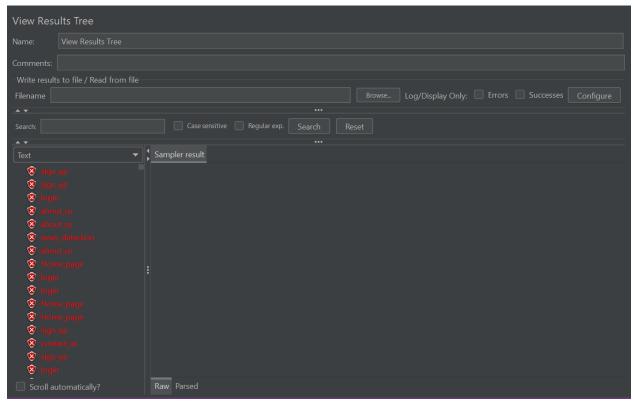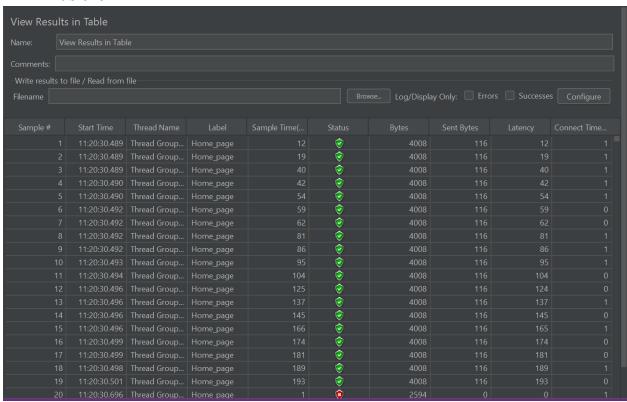- 1000 requests per users

b. Results
● Tree form

- ● Table form

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename: [   ] Browse... Log/Display Only: ☐ Errors ☐ Successes [Configure]

Sample #	Start Time	Thread Name	Label	Sample Time(...	Status	Bytes	Sent Bytes	Latency	Connect Time...
1	11:20:30.489	Thread Group...	Home_page	12	✓	4008	116	12	1
2	11:20:30.489	Thread Group...	Home_page	19	✓	4008	116	19	1
3	11:20:30.489	Thread Group...	Home_page	40	✓	4008	116	40	1
4	11:20:30.490	Thread Group...	Home_page	42	✓	4008	116	42	1
5	11:20:30.490	Thread Group...	Home_page	54	✓	4008	116	54	1
6	11:20:30.492	Thread Group...	Home_page	59	✓	4008	116	59	0
7	11:20:30.492	Thread Group...	Home_page	62	✓	4008	116	62	0
8	11:20:30.492	Thread Group...	Home_page	81	✓	4008	116	81	1
9	11:20:30.492	Thread Group...	Home_page	86	✓	4008	116	86	1
10	11:20:30.493	Thread Group...	Home_page	95	✓	4008	116	95	1
11	11:20:30.494	Thread Group...	Home_page	104	✓	4008	116	104	0
12	11:20:30.496	Thread Group...	Home_page	125	✓	4008	116	124	0
13	11:20:30.496	Thread Group...	Home_page	137	✓	4008	116	137	1
14	11:20:30.496	Thread Group...	Home_page	145	✓	4008	116	145	0
15	11:20:30.496	Thread Group...	Home_page	166	✓	4008	116	165	1
16	11:20:30.499	Thread Group...	Home_page	174	✓	4008	116	174	0
17	11:20:30.499	Thread Group...	Home_page	181	✓	4008	116	181	0
18	11:20:30.498	Thread Group...	Home_page	189	✓	4008	116	189	1
19	11:20:30.501	Thread Group...	Home_page	193	✓	4008	116	193	0
20	11:20:30.696	Thread Group...	Home_page	1	✗	2594	0	0	1

- ● Graph form

Graph Results

Name: Graph Results

Comments:

Write results to file / Read from file

Filename: [   ] Browse... Log/Display Only: ☐ Errors ☐ Successes [Configure]

Graphs to Display ☑ Data ☑ Average ☑ Median ☑ Deviation ☑ Throughput

22 ms

0 ms

No of Samples 441379   Latest Sample 1   Average 29

Deviation 182   Throughput 327,327,269/minute   Median 1