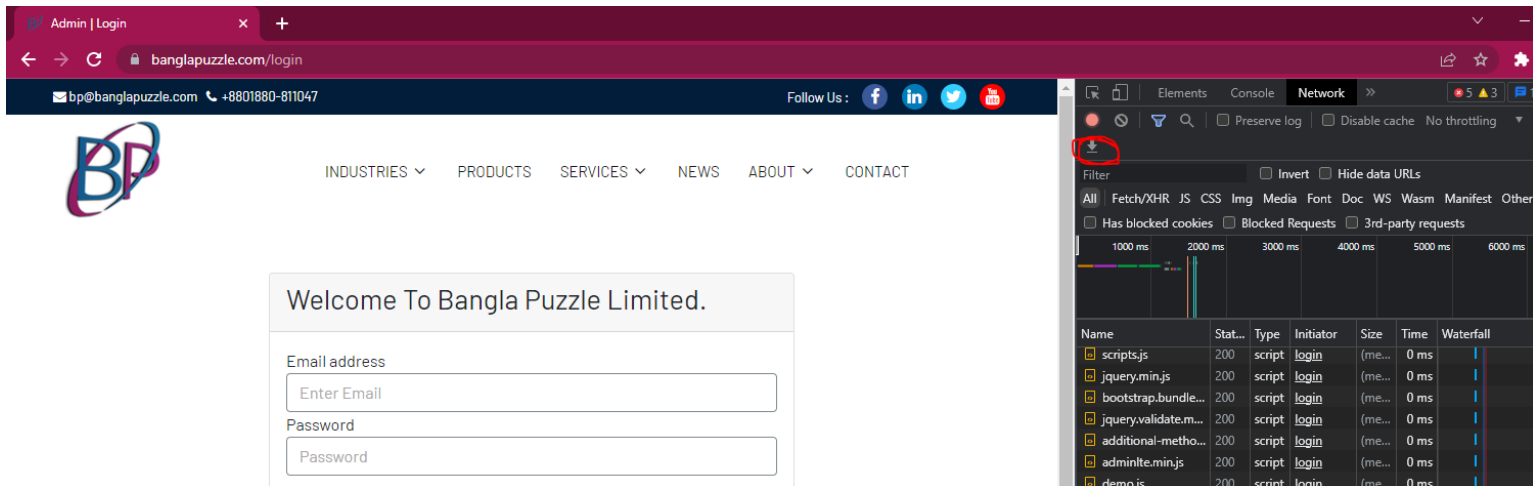


# Load testing steps and report

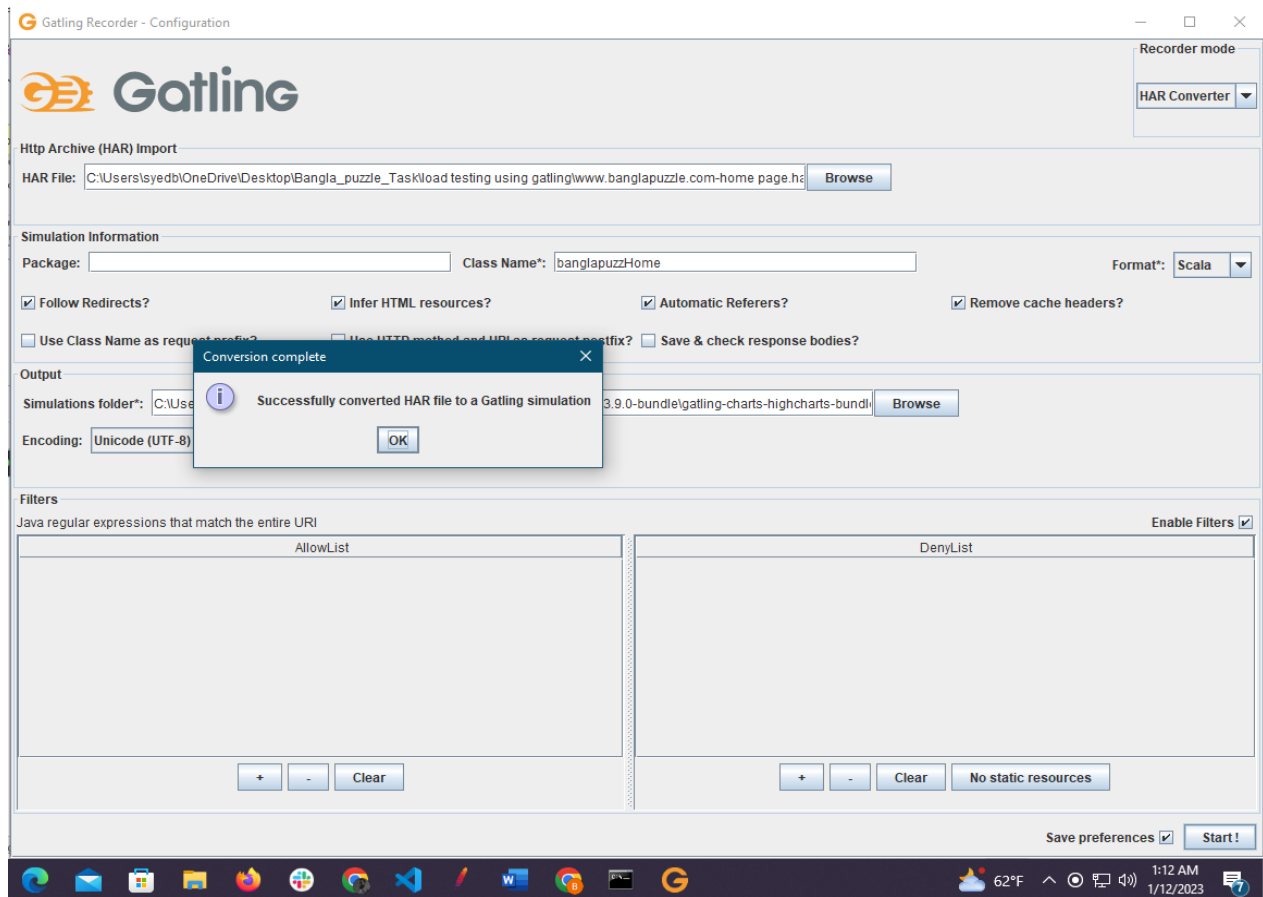
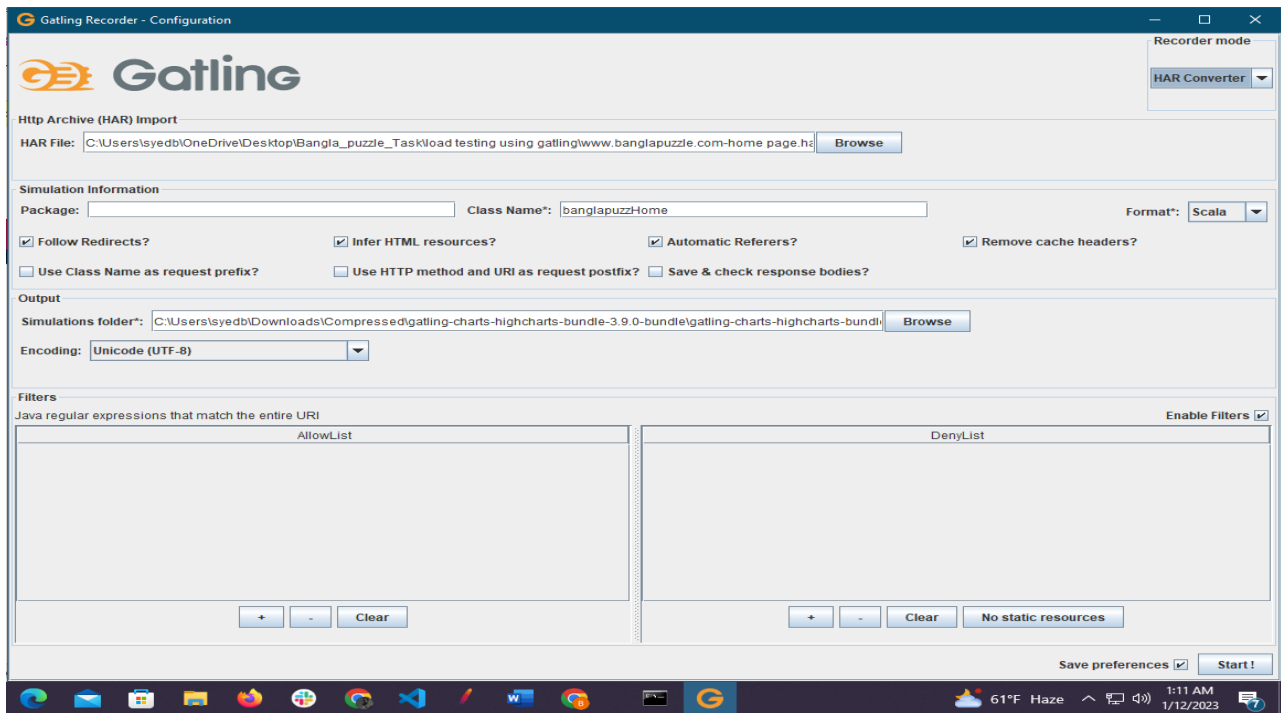
We have done the load test using Gatling application. it is open source application.

Steps for load test are:

1. Firstly, we have download the har file of the site (in our case it is "banglapuzzle.com/home") from the browser. For this we have to open the site and go to inspect element and then go to network. After clicking any page, we will see the network activity and need to download it. Red marked one is the download option.



2. After downloading the har file, we have to go to the command panel and run the gatling recorder file. Where we have to select the path of our har file and set setting to default and for need to set the format to Scala. After this we have to start the process.



3. After converting to simulate file, we need to open the gatling.bat file and need to run the simulate file in it and we will get all the test report in results file which is index.html file.

For verifying the testing, this process is also done for

“[www.banglapuzzle.com/industry/healthcare](http://www.banglapuzzle.com/industry/healthcare)” page and also done it successfully.

```
Command Prompt - C:\Users\syedb\Downloads\Compressed\gatling-charts-highcharts-bundle-3.9.0-bundle\gatling-charts-highcharts-bundle-3.9.0\bin\gatling.bat
[0] <Quit>
[1] Run the Simulation locally
[2] Package and upload the Simulation to Gatling Enterprise Cloud, and run it there
[3] Package the Simulation for Gatling Enterprise
[4] Show help and exit
1
00:46:07.438 [WARN ] i.g.c.ZincCompiler$ - -target is deprecated: Use -release instead to compile against the correct platform API.
00:46:10.656 [WARN ] i.g.c.ZincCompiler$ - one warning found
Choose a simulation number:
[0] banglapuzzHealthcare
[1] banglapuzzHome
[2] computerdatabase.ComputerDatabaseSimulation
1
Select run description (optional)
Simulation banglapuzzHome started...

=====
2023-01-12 00:46:29                               5s elapsed
----- Requests -----
> Global (OK=31 KO=0 )
> request_0 (OK=1 KO=0 )
> request_0 Redirect 1 (OK=1 KO=0 )
> request_1 (OK=1 KO=0 )
> favicon.png (OK=1 KO=0 )
> css?family=Barlow:wght@100;300;400;600;700;800&famil... (OK=1 KO=0 )
> jquery.cookie.min.js (OK=1 KO=0 )
> css?family=Source+Sans+Pro:300,400,400i,700&display=f... (OK=1 KO=0 )
> request_4 (OK=1 KO=0 )
> request_3 (OK=1 KO=0 )
> js?id=283443580 (OK=1 KO=0 )
> js?id=G-9M5SLNVQBN (OK=1 KO=0 )
> owl.theme.default.min.css (OK=1 KO=0 )
> owl.carousel.min.css (OK=1 KO=0 )
> footer_logo.png (OK=1 KO=0 )
> isotope.pkgd.js (OK=1 KO=0 )
> font-awesome.min.css (OK=1 KO=0 )
> logo.png (OK=1 KO=0 )
> jquery.min.js (OK=2 KO=0 )
> style.css (OK=1 KO=0 )
> scripts.js (OK=1 KO=0 )
> bootstrap.min.css (OK=1 KO=0 )
> owl.carousel.min.js (OK=1 KO=0 )
> additional-methods.min.js (OK=1 KO=0 )
> bootstrap.bundle.min.js (OK=1 KO=0 )
> jquery.validate.min.js (OK=1 KO=0 )
> bootstrap.min.js (OK=1 KO=0 )
> adminlte.min.js (OK=1 KO=0 )
> demo.js (OK=1 KO=0 )
> request_5 (OK=1 KO=0 )
> request_2 (OK=1 KO=0 )
```

```
Command Prompt - C:\Users\syedb\Downloads\Compressed\gatling-charts-highcharts-bundle-3.9.0-bundle\gatling-charts-highcharts-bundle-3.9.0\bin\gatling.bat

---- banglapuzzHome -----
[-----] 0%
waiting: 0 / active: 1 / done: 0
-----

2023-01-12 00:46:31 7s elapsed
----- Requests -----
> Global (OK=32 KO=0 )
> request_0 (OK=1 KO=0 )
> request_0 Redirect 1 (OK=1 KO=0 )
> request_1 (OK=1 KO=0 )
> favicon.png (OK=1 KO=0 )
> css?family=Barlow:wght@100;300;400;600;700;800&famil... (OK=1 KO=0 )
> jquery.cookie.min.js (OK=1 KO=0 )
> css?family=Source+Sans+Pro:300,400,400i,700&display=f... (OK=1 KO=0 )
> request_4 (OK=1 KO=0 )
> request_3 (OK=1 KO=0 )
> js?id=283443580 (OK=1 KO=0 )
> js?id=G-9M5SLNVQBN (OK=1 KO=0 )
> owl.theme.default.min.css (OK=1 KO=0 )
> owl.carousel.min.css (OK=1 KO=0 )
> footer_logo.png (OK=1 KO=0 )
> isotope.pkgd.js (OK=1 KO=0 )
> font-awesome.min.css (OK=1 KO=0 )
> logo.png (OK=1 KO=0 )
> jquery.min.js (OK=2 KO=0 )
> style.css (OK=1 KO=0 )
> scripts.js (OK=1 KO=0 )
> bootstrap.min.css (OK=1 KO=0 )
> owl.carousel.min.js (OK=1 KO=0 )
> additional-methods.min.js (OK=1 KO=0 )
> bootstrap.bundle.min.js (OK=1 KO=0 )
> jquery.validate.min.js (OK=1 KO=0 )
> bootstrap.min.js (OK=1 KO=0 )
> adminlte.min.js (OK=1 KO=0 )
> demo.js (OK=1 KO=0 )
> request_5 (OK=1 KO=0 )
> request_2 (OK=1 KO=0 )
> request_6 (OK=1 KO=0 )

---- banglapuzzHome -----
[#####]100%
waiting: 0 / active: 0 / done: 1
-----

Simulation banglapuzzHome completed in 7 seconds
Parsing log file(s)...
Parsing log file(s) done
Generating reports...
```

```
Command Prompt - C:\Users\syedb\Downloads\Compressed\gatling-charts-highcharts-bundle-3.9.0-bundle\gatling-charts-highcharts-bundle-3.9.0\bin\gatling.bat

> additional-methods.min.js (OK=1 KO=0 )
> bootstrap.bundle.min.js (OK=1 KO=0 )
> jquery.validate.min.js (OK=1 KO=0 )
> bootstrap.min.js (OK=1 KO=0 )
> adminlte.min.js (OK=1 KO=0 )
> demo.js (OK=1 KO=0 )
> request_5 (OK=1 KO=0 )
> request_2 (OK=1 KO=0 )
> request_6 (OK=1 KO=0 )

---- banglapuzzHome -----
[#####]100%
waiting: 0 / active: 0 / done: 1
-----

Simulation banglapuzzHome completed in 7 seconds
Parsing log file(s)...
Parsing log file(s) done
Generating reports...

----- Global Information -----
> request count 32 (OK=32 KO=0 )
> min response time 46 (OK=46 KO=- )
> max response time 1770 (OK=1770 KO=- )
> mean response time 592 (OK=592 KO=- )
> std deviation 413 (OK=413 KO=- )
> response time 50th percentile 482 (OK=482 KO=- )
> response time 75th percentile 817 (OK=817 KO=- )
> response time 95th percentile 1398 (OK=1398 KO=- )
> response time 90th percentile 1694 (OK=1694 KO=- )
> mean requests/sec 4 (OK=4 KO=- )
----- Response Time Distribution -----
> t < 800 ms 23 ( 72%)
> 800 ms <= t < 1200 ms 5 ( 16%)
> t >= 1200 ms 4 ( 13%)
> failed 0 ( 0%)
-----

Reports generated in 0s.
Please open the following file: file:///C:/Users/syedb/Downloads/Compressed/gatling-charts-highcharts-bundle-3.9.0-bundle/gatling-charts-highcharts-bundle-3.9.0/results/banglapuzzhome-20230111184623333/index.html
Press any key to continue . . .
```