\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***READ ME**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***STRESS TESTING**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***STRESSTIMULUS** \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**Software Requirements**: StresStimulus PerfMon Agent

**Browser Requirements**: compatible with any browser type

**Procedure to view results**:

* Run each of .saz test case files on the StresStimulus by choosing **file🡪open🡪select test case file name**
* The test case result” PASS” or “FAIL” can be found in the analyze result section of the StresStimulus along with other details such as requests and response time.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TEST CASE FILE INFORMATION BELOW\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

|  |  |  |  |
| --- | --- | --- | --- |
| **TEST CASE FILE NO.** | **FILE NAME** | **EXPLANATION** | **TEST CASE RESULT** |
| 1 | **Test case 1- login evac** | This test case checks all the loading of homepage and login of 50 virtual users (VU) at a time | **PASSED** |
| 2 | **Test case 2 – signup** | This test case checks all the loading of homepage with successful signup of 50 virtual users (VU) at a time | **PASSED** |

**Note:** As mentioned in the feedback during our presentation, we found that stress testing is very essential in our project. Therefore, we tried two simple test cases of login and signup by creating 50 VU’s.

We used StresStimulus tool to do stress/load testing which provided us with the maximum limit of creating a test-case with 50 VU’s. We are happy to say that our project can successfully handle the load of minimum 50 users at a time.

In future, we will try to create more test-cases by increasing the limit of VU’s.