**Project Name : Performance testing**

**Work Load Model**

Type of Test: Performance/Load Test : 1 hour

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| --- | --- | --- | --- | --- |
| Work Load Model | Protocol to be used | Number of users | No of Txn(per hour) | Think time/Timer |
| 1. Webtour flight booking | HTTP | 5 | 100 | As required |
| 2. Webtour Signup | HTTP | 1 | 20 | As required |
| 3. Create Lead | HTTP | 1 | 25 | As required |
| 4. View Lead through leadID | HTTP | 1 | 20 | As required |
| 5. New tour application - Registration | Web driver sampler | 2 | 20 | As required |
| 6. Calculator SOAP XML | HTTP/Webservices | 2 | 50 | As required |
| 7. Weather REST API | HTTP/Webservices | 2 | 50 | As required |

1. Result of web tour signup should be saved into the csv
2. Result of Create should be saved into the csv
3. Correlation – Use Regular expression.
4. Assertion – Valid assertion in all the scripts
5. Transaction names should follow the best practice – eg: AppName\_Seq.no\_TransactionName

**Test Execution and result reporting**

1. Merge all the Scripts.
2. Run it for 2 tests for 1 hour each with Perfmon monitoring of CPU,Memory and Disk
3. Compare the results for each transaction
4. Performance Test reporting

**Other activities as part of this project to be prepared:**

1. Prepare Test plan ( use the above work load and other understanding based on the knowledge)
2. Performance test reporting.

Sample test Plan, test report : Refer google drive

Your son is so lucky to have a dad like you. I salute you Sir!

**Deliverables as part of this project:**

1. Test plan
2. Scripts
3. Test report
4. Number of hours spent for this project for each activities (Estimation)