**Question:** Load/Performance and compatibility testing use cases: 1. Considering 4500-5000 GPs, generating demand simultaneously. Question : In hours or Day ? 4500-5000 \* 2 - approx 9000 users logged into the system at same time and accessing Reports/Registers.

Need to have what is the expected peal load transaction for the peak time.

Based on this, we will prepare the workload model for the application.

|  |  |  |
| --- | --- | --- |
| **Business Scenarios** | **Total no of iterations in 1 peak hour** | **Count** |
| Collect Payments | No of payments in 1 peak hour? | \*\*\*\*\*\* |
| Download Bills & Receipts | No of bill receipts in 1 peak hour? | \*\*\*\*\*\* |
| Add Expense Record | No of expense records in 1 peak hour? | \*\*\*\*\*\* |
| Update Expenses | No of update expenses in 1 peak hour? | \*\*\*\*\*\* |
| Generate Demand | No of generate demand in 1 peak hour? | \*\*\*\*\*\* |
| Create Consumer | No of create consumer in 1 peak hour? | \*\*\*\*\*\* |
| Update consumer details | No of update consumer details in 1 peak hour? | \*\*\*\*\*\* |
| GPWSC Dashboard | No of GPWSC dashboard in 1 peak hour? | \*\*\*\*\*\* |

**Windows machine requirement:**

Based on the types of testing and rounds of test conducted on the application, we can define the timelines of the test runs.

Need to install JDK 14+ version and JMeter 5.4 version in the Window machine for Test execution.

Better if we get high end configuration windows machine to run the test executions smoothly with out any issues during the execution.

OS versions - need to be tested on latest android version with backward compatibility upto 4 versions Low Bandwidth - Accessing and performing various transactions with low bandwidth configuration.

**Question**: we have covered the low bandwidth testing in the UAT environment till 3G and 4G, are we needed to cover this in the performance testing ? Browser compatibility - Chrome, Mozilla, IE.

While running the Performance Test, browser will be simulated and process will be initiated in the backed on which the Load is generated.