|  |  |
| --- | --- |
| **Client/Application Name** |  |
| **Performance Test Engineer** | Naresh Nakka |
| **Approved by** |  |

# Key Information

# Application technical Specification

|  |  |
| --- | --- |
| **Client/Application Name** |  |
| **Performance Test Engineer** | Naresh Nakka |
| **Approved by** |  |

|  |  |
| --- | --- |
| **Application Production URL** |  |
| **Application Test Environment URL** |  |
| **Cloud Provider, Region** | AWS/AZURE/Google/Digital Ocean/others – India/US/Europe |
| **Application Vertical** | CRM/Retail/Banking/gaming/Media |
| **Application type** | Mobile/Web/API |
| **Front End – technology** | Angular/JQuery/etc. |
| **Back End – technology** | Java/.Net/Python/Node/php |
| **Data Base** | Postgress/Oracle/MySQL/Elastic/Cassandra/etc. |

# Production I Specification

|  |  |  |
| --- | --- | --- |
| **Server** | **Count** | **Capacity (Each Server)** |
| **No Of Web Servers** | 1 | 8 CPU, 32 GB RAM |
| **No of Application Servers** | 4 | 4 CPU, 16 GB RAM |
| **DB Servers** | 1 | 12 CPU, 32 GB RAM |
| **DB Clustered** | No | No |
| **DB Size** | 1 million Records |  |

|  |  |
| --- | --- |
| **Client/Application Name** |  |
| **Created by - Performance Test Engineer** | Naresh Nakka |
| **Approved by** |  |

# Application Questionnaire

|  |  |
| --- | --- |
| Is Application already in Production | Yes/No |
| Do you have any exiting production performance issue | If Yes, please specify |
| Do you have dedicated test environment for performance | Yes/No |
| Where from your clients access the application(Location) | India/US/Across the globe |
| How end users access your application | Web browser/Mobile/Desktop App/etc. |
| Do you have any 3rd party integrations | If yes, please specify |
| Do you have any exiting performance test coverage | If yes, please specify, tool, scenario coverage and any previous test report |
| Do you have any existing monitoring tool monitor the server resources such CPU, Memory, Network & Disk etc. | If yes Please specify(New Relic, AppDynamics/Ganglia/VMSTAT) |
| Any other key information to be known by us | Please detail it. |

# Key business scenarios

|  |  |  |  |
| --- | --- | --- | --- |
| **Functionality/Scenario** | **Concurrent Users** | **Peak hits/Sec(expected)** | **SLA** |
| User Registration | 10 | 10 | 4 Seconds |
| Order Booking | 50 | 100 |
| Order Cancellation | 5 | 1 |
| Search | 1000 | 5000 |

# Test Tool Information

|  |  |
| --- | --- |
| Tool to be used | Apache Jmeter |
| License Limit | No, Open Source and unlimited based on Load Generator Server Capacity |
| Distributed testing |  |
|  |  |

# Timelines

|  |  |
| --- | --- |
| Project Onboarding Date | DD-MM-YYYY |
| Test Environment availability/When can we start working on application | DD-MM-YYYY |
| Project Closure Date | DD-MM-YYYY |
|  |  |

# Key Deliverables

* Performance test scripts
* Performance test report with
  + detailed analysis from Client side/test tool side observations
  + detailed analysis from Server side observations(only if allowed to setup or provided the respective monitoring access)
* Recommendations