**TESTING STRATEGY**

Describe the overall approach to testing. For each major group of features or feature combinations, specify the approach which will ensure that these feature groups are adequately tested.

Specify the major activities, techniques, and tools that are used to test the designated groups of features.

The approach should be described with sufficient details to permit the identification of the major testing tasks and estimation of the time required to do each one.

4.0a **Scope**

* Manual testing of all test functions
* Functional Testing with selenium automation testing

Unit testing

Integration Testing

System Integration Testing

* Non-functional testing

Load testing

Performance testing

* Regression testing
* Debug reporting
* Retesting
* Test report summary

4.0b **Test Approach**

* Manual testing of all test functions
* Functional Testing with selenium automation testing
* Debug reporting
* Retesting
* Test report summary

4.0c **Test Environment**

* **Windows OS 10**
* **Visual Studio 2019**
* **Chrome version 103.0.503**
* **Microsoft Edge**

4.0d **Testing Tools**

* **Selenium web driver**
* **Selenium**
* **Selenium Chrome Driver**
* **Selenium Support**
* **Spec flow**
* **Spec flow N unit**
* **Spec flow N unit runner**
* **N unit**
* **Spec flow Assist Dynamics**
* **Extent Report**

**4.0e Release Control**

* **Release management plan with appropriate version history that will make sure test execution for all modification in that release**

**4.0f Risk Analysis**

* **Testing tool failure, Software program is not working as per requirement.**
* **BRS, FRS requirement may not fully be filled by software.**

**4.0g Review and Approvals**

* All these activities are reviewed and signed off by the business team, project management, development team, etc.
* Summary of review changes should be traced at the beginning of the document along with an approved date, name, and comment