**SOFTWARE TESTING TOOLS FINAL PROJECT:**

**FUNCTIONAL REQUIREMENTS:**

* Authentication of user should be done when he/she tries to login into the system.
* Verification of new user should be done by sending verification mail to the given e-mail ID.
* User should be logged-out successfully, when he/ she clicks logout out option.
* System has to send the alert message when he/she provides incorrect inputs.
* Home, cars, footwear, mobiles buttons have to perform successfully when user clicks those buttons.

**NON-FUNCTIONAL REQUIREMENTS:**

* Authentication of user should be done within two minutes.
* Verification mail should send with in 3minutes to the given mail by the user.
* User should be logged-out successfully with in 5 seconds.
* System has to send the alert message with in 4 seconds, when he/she provides incorrect inputs.
* Home, cars, footwear, mobiles buttons have to perform successfully when user clicks those buttons in 3 seconds.

**Test Plan:**

The following is the test plan for the online website .

⦁ The test plan identifies scope and objectives of the project and illustrates the test methodologies to be adopted and tools for testing to be used.

⦁ It also provides information about requirements and resources needed for the software, estimated budget, time and the possibility of risks.

**SCOPE:**

* Sign-up
* Sign-in
* Log-out
* Home button
* Cars button.

**OUT-SCOPE:**

* Security testing
* Efficiency testing

**Test methodology:**

* Agile methodology.

**Test Completeness:**

When all the requirements are tested thoroughly and Pass percentage of the test cases is above 97%.

**Test Deliverables:**

Test deliverables are provided as below,

**Before testing phase**

⦁ Test plan Document,

⦁ Test Strategy,

⦁ Test case Document.

**During the testing**

⦁ Test Data and

⦁ Testing tool (if required)

**After the testing cycles is over**

⦁ Test report,

⦁ Defect report(if any).

**Testing Tools**

⦁ **SELENIUM:** Web application Automation tool,

⦁  **TestNg:** Testing framework

**Test Environment**

**Hard ware requirements:**

⦁ There are no memory constraints on user side to access the system; however, 2 GB RAM is recommended for fast processing.

**Software requirements**

Any latest Web Browser (Chrome on Windows – 86.0.4240.111)