**1. OBJECTIVE**

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the project SWAG LABS site.

**2. SCOPE**

**2.1 Features to be tested**

Below features to be tested.

|  |  |
| --- | --- |
| **Module Name** | **Description** |
| Login | This module enables the authorized users to login to their account and also restricts the login to unauthorized users. |
| Home Page | Home page should have below items:   * Products * Menu * Cart |
| Products | All the products are listed in the product module and also users can add items to cart and proceed to check out with this module |
| Check Out | On entering the valid details for below   1. First name 2. Last name 3. Pin code   User will check out the items |
| Cart Page | The items that users added, will be displayed.  Users can remove and checkout the items that are added to cart |
| Menu | Allows to navigate to the different pages that are in the menu |

**2.2 Features not to be tested**

NA

**3. TESTING METHODOLOGY**

In this project below testing need to be conducted.

1. Component Testing – Every component of the system need to be tested.

2. Integration Testing- Individual software modules are combined and tested as a group. 3. Load Testing- Test how many members can use the application at a time,

4. System Testing- Test the complete application.

**4. APPROACH**

In this project we follow Agile Methodology. Testers need to prepare Test Cases and Maintain Defect  sheet. Test Case need to reviewed before execution.

**5. ASSUMPTION**

1. Testers will be provided with all the documents required for testing.

 2. Proper support is extended by development team during testing.

 3. KTs are provided to the testers before execution.

**6. RISK**

1. Project duration is short and whole team should work effectively to complete the project on time.  2. Lack of KT may reduce the product quality.

**7. BACK UP/MITIGIATION**

1. Need of extra resources in case of lack of time.

**8. ROLES & RESPONSIBILITY**

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Test Manager | Take care of testing environment |
| Test Lead | Assign task, Review Test Cases, Test Plan |
| Tester | Test Case, Defect Sheet, Traceability Matrix |

**9. SCHEDULING**

|  |  |  |
| --- | --- | --- |
| **Activities** | **Start Date** | **End Date** |
| Test Case  Creation | 04/10/2022 | 05/10/2022 |
| Test Case Review | 05/10/2022 | 05/10/2022 |
| Component  Testing | 06/10/2022 | 06/10/2022 |
| Integration  Testing | 06/10/2022 | 06/10/2022 |
| System Testing | 06/10/2022 | 06/10/2022 |
| Defect Testing | 07/10/2022 | 07/10/2022 |
| Regression  Testing | 07/10/2022 | 07/10/2022 |

**10. DEFECT TRACKING**

|  |  |
| --- | --- |
| **Severity** | **Priority** |
| Critical | High |
| High | Medium |
| Minor | Low |
| Low |  |

**11. TEST ENVIRONMENT**

Need to be tested in SIT, UAT.

**12. ENTRY/EXIT CRITERIA**

**12.1 Entry Criteria**

Once all the test cases are ready and reviewed, test execution can be started.

**12.2Exit Criteria**

All the Major defects should be closed in order to complete the testing. **13.TEST AUTOMATION**

N/A

**14. DELIVERABLES**

1. Test cases

 2. Requirement Traceability Matrix

 3. Defect Sheet

 4. Procedure to install the build

**15. TEMPLATES**

Use below templates to create test cases and maintain defects.

