### 

### 

Introduction……………………………………………………………………………………….**1**

Objectives…………………………………………………………………………………………**1**

Scope……………………………………………………………………………………………...**1**

Testable Features………………………………………………………………………………...1

Testing Approach…………………………………………………………………………………**2**

Roles/Responsibilities……………………………………………………………………………**2**

Test Schedule……………………………………………………………………………………..**2**

Test Deliverables……………………………………………………………………………….…**3**

Entry & Exit Criteria………………………………………………………………………….……**3**

Tools…………………………………………………………………………………………..……**4**

Risks and Mitigation Plans………………………………………………………………….……**4**

Approvals……………………………………………………………………………………..……**5**



The purpose of this test plan is to define the testing strategies, objectives, and scope for the Ecommerce Playground website. This document outlines the approach for validating the functionality, compatibility, and usability of the platform.

**Website Under Test (AUT):** [Ecommerce Playground](https://ecommerce-playground.lambdatest.io/index.php?route=common/home)



* Validate the key features like product search, cart management, and checkout.
* Confirm cross-browser compatibility and ensure seamless user experience.
* Identify and document any bugs or issues for resolution.

.



The test plan will focus on functional, compatibility, and usability testing across multiple browsers.



* **User Management**: Registration, login, password recovery.
* **Product Management**: Search, filtering, and product details.
* **Cart & Checkout**: Add to cart, remove from cart, and checkout process.
* **Payment Gateway**: Payment processing and order confirmation.
* **User Profile**: Account settings, order history, and wish list.
* **Others**: Language selection, product recommendations, and offers.



* **Testing Types**: Functional Testing, Compatibility Testing, and Usability Testing, Performance Testing.
* **Testing Methodologies**:
  + Black-box Testing
  + User Acceptance Testing (UAT)
* **Testing Environment**: Manjaro and Window 11, Browsers (Chrome, Firefox)



| **Name** | **Role** | **Responsibilities** |
| --- | --- | --- |
| **Pooja** | Test Manager | Oversee the entire testing process, manage budget and resources, resolve conflicts. |
| **Geetika** | Test Lead | Develop test plans, assign tasks, prioritize, and monitor progress. |
| **Aditya** | Test Engineer | Write test scenarios and cases, execute test cases, track defects.  Execute regression testing, manage automation tools, and write test scripts. |



| **Task** | **Time Duration** |
| --- | --- |
| Test Plan creation | October 1 |
| Test Scenario creation | October 2 |
| Test case creation | October 2 - 3 |
| Test case Execution | October 4 |
| Summary Report Submission | October 5 |



| Deliverable | Description | Completion Date | Owner |
| --- | --- | --- | --- |
| **Test Plan** | Defines the testing approach and strategy. | October 1 | Aditya |
| **Test Scenarios** | High-level scenarios to guide test case creation. | October 2 | Aditya |
| **Test Cases** | Detailed test cases for functional and usability tests. | October 2 | Aditya |
| **Defect Reports** | Detailed reports of defects found during testing. | Ongoing | Aditya |



**Requirement Analysis**

* Entry Criteria: Receive and review requirements documents.
* Exit Criteria: Ensure all requirements are clearly understood and documented.

**Test Planning**

* Entry Criteria: Testable requirements available..
* Exit Criteria: Approved test plan document.

**Test Execution**

* Entry Criteria: Application ready for testing.
* Exit Criteria: All test cases executed, and defect reports are complete.

**Test Closure**

* Entry Criteria: Completion of all test executions and defect reporting.
* Exit Criteria: Test Summary Report is prepared and reviewed.



* **Main Tools:** Developer Tool.



| Risk | Mitigation Plan |
| --- | --- |
| Short testing window | Prioritize critical test cases |
| Limited access to real data | Use available test data sets |



The test plan, scenarios, and summary will be reviewed and signed off by Aditya Bhardwaj.