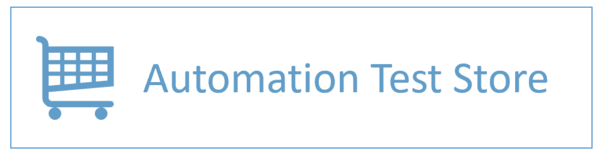
**TEST PLAN**

**Project Name : Automation Test Store**

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**Prepared By: Masai**

**Date: 23-02-2025**

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**Introduction :**

The aim of this document is to give an overview of the testing approach, strategies, and scope for the Automation Test Store Website. This document includes details like scope of the project, objectives, test schedule and resource allocations, test deliverables and reports

**AUT :** [**https://automationteststore.com**](https://automationteststore.com)

**Objectives :**

* To ensure the functionalities of key features such as product search,add to cart, checkout, and account management.
* To confirm compatibility with different browsers.

**Scope :**

* This test plan covers only functional testing and compatibility testing of the Automation Test Store website across different browsers

**Testable features :**

* Register
* Login
* Forgot password
* New user
* Search
* Advanced Search
* Logo
* Help
* Contact Us
* Need helps
* About us
* Icons
* Account
* Specials
* Cart
* Checkout
* Home
* Apparel & Accessories
* Makeup
* Skincare
* Fragrance
* Men
* Hair Care
* Books

**Testing Approach:**

1. **Testing Types**

* Functional Testing
* Compatibility Testing

1. **Testing Methodologies**

* Black-box Testing
* White-box Testing
* Regression Testing
* User Acceptance Testing (UAT)
* End to end testing

1. **Testing Environment**

* UAT
* Pre-Prod

1. **Operating System**

* Windows 10 and above
* Browsers: [Chrome and firefox]
* Testing Tools: [Selenium, microsoft teams , salesforce.]

**Roles/Responsibilities:**

| **Name** | **Role** | **Responsibilities** |
| --- | --- | --- |
| Pooja | Test Manager | * Manage budget and resources. * Allocating additional support resources. * Assess and prioritise project risks/tasks. * Monitoring project progress. * Resolve communication issues and conflicts effectively. |
| Abhishesh | Test Lead | * Develop test plans and strategies in alignment with project objectives and requirements. * Assign tasks, set priorities, and provide and support to team members. * Review test results and provide feedback to team members. * Monitor and manage risks throughout the testing life cycle |
| Geethika | Test Engineer | * Understand customer requirements. * Write Test scenarios & Test cases. * Executing the Test cases. * Performing root cause analysis to identify underlying issues. * Defect tracking and reporting. |
| Anil | Test Engineer | * Understand customer requirements. * Configuring and Setting Up test environment. * Management of Automation tools. * Executing Regression Test cases. * File Closure activity. |
| Anil | Test Engineer | * Understand areas for regression testing feasibility. * Responsible for writing automation scripts. * Conducts Smoke, Functional, Integration, System. * Collaboration with on shore subject matter experts. |

**Test Schedule :**

Following is the test schedule planned for the project:

| **Task** | **Time Duration** |
| --- | --- |
| Test plan creation | 23 Fer 2025 |
| Test Scenario creation | 23 Fer 2025 |
| Test case creation | 23 Fer 2025 |
| Test case Execution | 23 Fer 2025 |
| Summary Report Submission | 23 Fer 2025 |

**Test Deliverables :**

The following are to be delivered to the client:

| Deliverables | Description | Responsible Owner | Target Completion date |
| --- | --- | --- | --- |
| Test plan | Outlines the testing approach, strategies, and scope for the Automation Test Store website | Masai | 23 Fer 2025 |
| Test case | Test Cases created for both functional testing and compatibility testing. | Masai | 23 Fer 2025 |
| Defect Report | Detailed description of the defects identified in different versions of application . | Masai | 23 Fer 2025 |

**Entry and Exit Criteria:**

#### **Requirement Analysis**

* **Entry:** Receipt of Requirement Documents & Use Cases.
* **Exit:** Complete understanding of requirements with all clarifications addressed.

#### **2. Test Planning**

* **Entry:** Testable requirements derived, Test Strategy defined.
* **Exit:** Test Plan reviewed and signed off by the client.

#### **3. Test Designing**

* **Entry:** Approved Test Plan.
* **Exit:** Test Scenarios & Test Cases reviewed and signed off.

#### **4. Test Execution**

* **Entry:** Approved Test Scenarios & Test Cases, Application ready for testing.
* **Exit:** Test Case Reports & Defect Reports prepared.

#### **5. Test Closure**

* **Entry:** Test Case Reports & Defect Reports ready.
* **Exit:** Test Summary Report finalizing the testing process.

**Tools :**

The following are the list of Tools we will be using in this Project:

* X mind map Tool
* Microsoft Teams - collaboration
* Selenium - Web Auto

**Risks and Mitigation plans:**

The following are the list of risks possible and the ways to mitigate them:

| **Risk** | **Mitigation plans** |
| --- | --- |
| Lack of Automation Testers | Backup Resource Planning |
| No detailed Requirements available | Subject matter experts available for deep understanding of functionalities . |

**Approvals**

Masai will send different types of documents for Client Approval like below:

* Test Plan
* Test Scenarios
* Reports

Testing will only continue to the next steps once these approvals are Done .