
Project Name:

Automation Test Store Website

TEST PLAN

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Introduction

The purpose of this test plan is to define the testing strategy and scope for **Automation Test Store**, an e-commerce platform. The plan includes both **manual** and **automated** testing to ensure the functionality, usability, and reliability of the website.

AUT: <https://automationteststore.com/>

Objectives

- To perform thorough Automation as well as Functional and Usability Testing on the Application Under Test (AUT).
- To verify compatibility across various browsers.
- To evaluate performance and addressing any issues that may arise.

Scope

This test plan covers only Automation and Functional testing, Usability Testing and Compatibility testing of the Automation Test Store web application.

Testing

- Login functionality/Signup
- Product search and filtering
- Add to cart ,change quantity and apply some filters.
- Wishlist
- Navigating between different pages
- Checkout
- Contact us
- footer sections links

Testing approach

Test Types

- Automation
- Functional
- Usability

Testing Environment

- QA Environment

Operating System

- Windows 11 and above
- Browsers: Chrome and Firefox
- Cypress

Roles and Responsibilities

Name	Role	Responsibilities
Shiva Kumar	Test Manager	<ul style="list-style-type: none"> ● Monitoring project progress. ● Management of budget and support resources. ● Assess and prioritize project risks/tasks. ● Resolve communication issues and conflicts effectively.
Anjali Shaw	Test Manager	<ul style="list-style-type: none"> ● Monitoring project progress. ● Management of budget and support resources. ● Assess and prioritize project risks/tasks. ● Resolve communication issues and conflicts effectively.
Sahil	Test Engineer	<ul style="list-style-type: none"> ● Understand customer requirements ● Write Test plan, Test scenarios & Test cases ● Executing the Test cases. ● Defect tracking and reporting.

Timeline & Effort

- Day 1 :
 - Explore Website Like User.
 - Create Test Plan
 - Write Test Cases

- Day 2 :
 Use POM method to write test cases .
 Run test scripts in Cypress .
 Test Execution Reports.
- Day 3 :
 Bug/Defect Report
 Create Summary report
- Day 4 :
 Save all Files in Github & google drive
 Record Presentation Video

Test Deliverables

- Test Plan
- Test case Report
- Bug Report
- Test Summary Report
- Github Repository

Entry & Exit Criteria

Entry Criteria:

- Code deployment in QA environment
- Test data is ready
- Test cases are reviewed

Exit Criteria:

- All critical and high-priority bugs are resolved
- Final report submitted

Tools

- MindMap
- Cypress
- Vs code
- Google Sheet
- Google Docs
- Slack Workplace
- Github

Risks and Mitigation plans

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

Risks	Mitigation plans
Lack of knowledge on AUT	Subject Matter Expert will be available to guide understanding of the AUT.
No detailed Requirements available	Subject Matter Expert will be available to provide guidance

Approvals

Below are the documents required for Client Approval :

- Test Plan
- Test Scenarios
- Reports

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

MindMap

