TEST PLAN

Project name: Automation test store



**Test Plan for Automation Test Store Website**

**1. Introduction** This document outlines the test plan for the Automation Test Store website ([https://automationteststore.com](https://automationteststore.com/)). The purpose of testing is to ensure that all features of the e-commerce platform work as expected, providing a smooth user experience.

**2. Objectives**

* Validate the core functionalities like user registration, product search, cart management, checkout, and payments.
* Identify and report UI/UX issues.
* Ensure cross-browser and mobile compatibility.
* Check security aspects such as login, logout, and data protection.

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**4. Project Overview** Automation Test Store is an online shopping platform that allows users to browse products, add items to the cart, and complete purchases. The website includes product categories, a user account system, and a secure checkout process.

**5. Test Strategy**

* **Functional Testing**: Verify all functionalities work as expected.
* **UI/UX Testing**: Ensure website layout and design are user-friendly.
* **Cross-browser Testing**: Check compatibility with Chrome, Firefox, Edge, and Safari.
* **Performance Testing**: Evaluate website speed and response time.
* **Security Testing**: Validate login security, data encryption, and session management.

**6. Test Levels**

* **Unit Testing**: Performed by developers.
* **Integration Testing**: Ensure modules work together.
* **System Testing**: Verify overall system behavior.
* **User Acceptance Testing (UAT)**: Validate with end-user scenarios.

**7. Test Environment**

* **Operating Systems**: Windows,
* **Browsers**: Chrome, Firefox, Edge,
* **Devices**: Desktop,Laptop

**8. Test Schedule**

**1.** **Test Schedule**

● Start Date: 25 March 2025

* End Date: 30 March 2025

● Milestone: Test plan approval, test environment setup, bug reporting

● Resources: Testers, Developers, Project Managers

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**9. Test Deliverables**

* Test Plan Document.
* Test Cases and Test Scenarios.
* Test Execution Report.
* Defect Reports.
* Final Test Summary Report.

**10. Risk Management**

* **Risk 1**: Website downtime during testing.
  + *Mitigation*: Schedule tests during low-traffic hours.
* **Risk 2**: Incomplete test data.
  + *Mitigation*: Use test accounts with predefined test data.

**11. Roles and Responsibilities**

* **Test Manager**: Oversees the testing process. Masai
* **Test Lead**: Assigns tasks and manages execution.Shiva sir
* **Test Engineers**: Execute test cases and report defects.kusuma

**12. Entry and Exit Criteria**

* **Entry Criteria**:  
  + Test environment setup is complete
  + Test cases are approved.
* **Exit Criteria**:  
  + All major defects are resolved.
  + Final test report is approved.

**13. Tools**

* **Test Management**: JIRA,
* **Bug Tracking**: Zephyr
* **Automation (if applicable)**: Cypress

**14. Risk and Mitigation Plan**

* **Risk**: High number of defects delaying release.
  + *Mitigation*: Prioritize critical bugs for immediate resolution.
* **Risk**: Poor performance under high load.
  + *Mitigation*: Conduct load testing and optimize code.

This test plan will ensure a structured approach to testing the Automation Test Store website and deliver a seamless user experience.