Test Plan Project Name: Style Mate
(An Fashion & Apparel E-commerce website)

Table Of Contents:

1.Introduction:

The documents provides is an overview to showcase the test case, test scenarios, bug report and Mind Map Of an (AUT) application Under test (Style Mate this document provides the detailed information of the defects and features in the website and By conduction functional, non functional testing and automation testing

2.Objective:

➢ To conduct functional, nonfunctional and automation testing
    on the (AUT)
➢ To check the UI/UX features that attracts the end user
➢ To check if the website contains any bugs that can affect
    the system and end user

3.Scope:

Manual and Automation Testing:

Manual Testing:

- In this test plan document it covers the testing of functional, performance , usability, cross browser testing and ensures they the features work fine
- Validate all workflows manually, focusing on critical features like the home page,sub modules, cart page, sort &filter, location, and checkout page.

Automation(Selenium):

- This is to check the workflows like login, sign in, using sort and filter, adding products to the cart and completing checkout,

POM via Selenium:

Login/sign in functionality:

 Validate the login & sign in functionality with both valid and invalid data

Home Page Functionality:

- Validate the functionality of navigation menus
- Test the dynamic content such as promotional banners and featured products

Product Search and Filter Functionality:

● Automate product searches and ensure that filters such as category, price, and rating return the correct results.
● Validate the sorting functionality(e.g. price, best sellers).

Checkout Process:
● Automate adding items to the cart and completing checkout.
● Use POM to automate the application of promo codes and verify the correct discount calculations.

4. Testable Features:

- login/sign in functionality
- Home Page Functionality
- Search Functionality
- Product Filters
- Product Page
- Cart Functionality
- Checkout Functionality
- footer links Functionality

5. Testing Approach:

Testing Types:

- **Functional Testing:** Verify the correct behavior of features.
- UI Testing: Check layout, responsiveness, and visual elements.
- **Compatibility Testing:** Test across multiple devices and browsers.
- **Navigate Testing:** Validate error handling for invalid inputs.

Testing Methodologies:

- **Exploratory Testing:** Identify edge cases and usability issues.
- **Regression Testing:** Ensure new updates do not break existing functionality.
- **Selenium:** Use POM to define the test scenarios.

6: Roles and Responsibility
Team Lead: Rikkish

Responsibility:

- Create and manage the test plan.
- Create detailed test scenarios for functional workflows.
- Develop compressive test cases to cover manual testing.
- With the help of Cypress automation validate the functionality of the website.

7.Test Schedule

Content	Date
Test plan	16th July 2025
Mind map	17th july 2025
Test scenario	18th july 2025
Test case	18th july 2025
Bug reporting	19th july 2025
Summary report	19th july 2025

8.Tools:

This are the following tools used in the project
1. Google docs
2. Xmind
3. Excel sheets
4. Spring Tool
5. Selenium
6. Slack
7. Zoom-communication

9.Risk and Mitigation:

Risk	Mitigation
Lack of knowledge on website	The experts will there to guide
No requirements have been provided	To check the website from top to bottom

10.Entry and Exit criteria:

The entry and exit criteria are provided below

Requirement Analysis:

Entry Criteria:
The requirements are not provided for the website so we have to check the website from top to bottom

Exit Criteria:
The tester should check every feature of the website and test it with every possibility by thinking from the end user

Test Planning:

    Entry Criteria:
Since the requirements are not provided for the tester. He has to go through the website and check every feature like an end user

    Exit Criteria:
The Test Plan is signed-off by the Client.

Test Designing:

    Entry Criteria:
Once the test plan is completed then the client review it and approves

    Exit Criteria:
Test Scenarios and Test Cases prepared, reviewed, and approved by Client.

Test Execution:

    Entry Criteria:
Test Scenarios and Test Cases reviewed and approved by the client.Then the website is ready for further Testing.

    Exit Criteria:
Test Case Reports and Defect Reports read

Test Closure:

    Entry Criteria:
Test Case Reports and Defect Reports are ready

    Exit Criteria:
Test Summary Reports, it overviews of the entire testing process

11.Approvals:

The below documents are need for approval from the client

- Test Plan
- Test Scenario
- Bug Reports Once these documents are approved after that testing will continue

12.Mind Map: