

TEST PLAN

PROJECT NAME: STYLEMATE WEBSITE

STYLEMATE

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Approval by: Masai

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Introduction

The aim of this document is to give an overview of the testing approach, strategies, and scope for the Stylemate web application. This document includes details like scope of the project, objectives, test schedule and resource allocations, test deliverables and Reports.

AUT :<https://luni-interface-029.vercel.app/>

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 usability testing of the stylemate application across different browsers.

Testable features:

- Register
- Login
- Forgot password
- New user
- Search
- Best Sellers
- Mobiles
- Today's Deals
- Electronics
- Wish list
- Add to cart
- Payment processing
- Account information
- Order informati

Testing Approach:



➤ **Testing Types**

- Functional Testing
- Usability Testing

➤ **Testing Methodologies**

- Black-box Testing
- White-box Testing
- Regression Testing
- User Acceptance Testing (UAT)

➤ **Testing Environment**

- UAT
- Pre-Prod

Operating System

- Windows 12 and above
- Browsers: [Chrome and firefox]
- Testing Tools: [selenium , Postman, jira, zephyr, microsoft teams , salesforce.

Role and Responsibilities

Name	Role	Responsibilities
Karan kush	Manager	<ul style="list-style-type: none">● Manage budget and resources.● additional support resource.● Assess and prioritize project risks/tasks.● Monitoring project progress.● Resolve communication issues and conflicts effectively

Yogesh kumar	Test Engineer	<ul style="list-style-type: none">● Understand customer requirements● Write Test scenarios & Test cases● Executing the Test cases.● Performing root cause analysis to identify underlying issues.<ul style="list-style-type: none">● Defect tracking and reporting.
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Test schedule

Following is the test schedule planned for the project:

Task	Time Duration
Test Plan creation	20 may 2024
Test Scenario creation	23 may 2024

Test case creation	24 may - 4 june 2024
Test case Execution	5ne june to 28 june 2024
Summary Report Submission	29 june 2024

Test Schedule

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 STYLEMATE web application.	Yogesh	20 may 2024
Test Cases	Test Cases created for both functional testing and compatibility testing	Yogesh	20 may 2024

Defect Reports	Detailed description of the defects identified in different versions of application.	Yogesh	20 may 2024
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Entry and Exit Criteria

The below are the entry and exit criteria for every phase of Software Testing Life Cycle

Requirement Analysis

➤ **Entry Criteria**

Once the testing team receives the Requirements documents and use documents of the project.Includes what functions needs to be tested and how the software should behave

➤ **Exit Criteria:**

The testing team should thoroughly explore and understand each requirement listed in the documents.Any doubts or uncertainties regarding the requirements should be addressed and clarified to ensure that the testing team has a clear understanding of what needs to be tested and how it should behave.

Test Planning

Entry Criteria:

Testable Requirements derived from the given Requirements documents.Test Plan

document includes the Test Strategy, which provides a high-level overview of how testing will be conducted

➤ **Exit Criteria**

Test Plan is signed-off by the Client (STYLEMATE)

Test Designing

➤ **Entry Criteria:**

The Test Plan document needs to be reviewed and approved by the client and then

Test Plan Document is signed-off by the Client

➤ **Exit Criteria:**

Test Scenarios and Test Cases Documents are prepared, they need to be reviewed and signed-off by the Client.

Test Execution

➤ **Entry Criteria:**

Test Scenarios and Test Cases document needs to be reviewed and approved by the

client and documents are signed-off by the Client. Application is ready for further Testing.

➤ **Exit Criteria:**

Test Case Reports, Defect Reports are ready
Test Closure

➤ **Entry Criteria:**

Test Summary Reports, it overviews of the entire testing process

TOOLS

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

- X mind map Tool
- Jira - Project management tool
- Sales force cloud - CRM tool
- Zephyr- Test Management
- Microsoft Teams - collaboration
- Selenium - Web Automation

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

