

Test Plan

**Project Name: Bewakoooff
(An Fashion & Apparel
E-commerce website)**

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Website link : <https://bewakoooff.netlify.app/html/index.html>

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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 (Bewakoooff this document provides the detailed information of the defects and features in the website and By conduction functional, non functional testing and automation testing

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

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(Cypress):

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

POM via Cypress:

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 Management
- Checkout Management
- Footer Links

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.
- **Cypress:** 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:

Task	Date
Test plan	13th may 2025
Mind map	13th may 2025
Test scenario	14th may 2025
Test case	14th may 2025
Bug reporting	15th may 2025
Summary report	16th may 2025

Tools:

This are the following tools used in the project

1. Google docs
2. Xmind
3. Excel sheets
4. Vs code
5. Cypress
6. Slack
7. zoom-communication

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

Entry and Exit criteria:

The entry and exit criteria are provided below

Requirement Analysis:

Entry Criteria:

The requirements are not provide for the website so we have the check 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 provide the tester has to go through the website and every feature and check it 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 ready

Test Closure:

Entry Criteria:

Test Case Reports and Defect Reports are ready

Exit Criteria:

Test Summary Reports, it overviews of the entire testing process

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

Mind Map:

