

TEST PLAN

Project Name: BEWAKOOF

Bewakoof®

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Introduction

The aim of this document is to give an overview of the testing approach, strategies, and scope for the Application Under Test(AUT) i.e BewaKoof. This document includes details like scope of the project, objectives, test deliverable, test schedule and resource allocations, test deliverables and reports to conduct thorough Functional and Usability

AUT : <https://bewakoooff.netlify.app/html/index.html>

Objectives

- To perform thorough Functional, Integration, GUI 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 Functional testing, Integration, GUI and Usability Testing and Compatibility testing of the Bewakoof E-commerce web application across different browsers.

Testable features:(Inclusions)

- Sign up
- Login
- Search
- Add to cart
- Wish list
- Payment checkout
- Product information
- Order tracking
- Filter
- Logout

Testing Approach:

➤ Testing Types

- Functional Testing
- Usability Testing
- GUI Testing
- Compatibility Testing

➤ Testing Methodologies

- Black-box Testing
- Exploratory Testing
- Integration Testing
- End-to-End Testing

➤ Testing Environment

- QA Environment

➤ Operating System

- Windows 11 and above
- Browsers: Chrome and Firefox

Roles and Responsibilities:

Name	Role	Responsibilities
Pooja Yadav	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.
Subhan shaik	Test Engineer	<ul style="list-style-type: none"> ✓ Understand customer requirements ✓ Write Test plan, Test scenarios & Test cases ✓ Write Automation scripts ✓ Setup Environment. ✓ Executing the Test cases. ✓ Bug reporting and summary reporting.

Test Schedule

Following is the test schedule planned for the project:

Task	Time Duration
Test Plan creation	11 June 2024
Test Scenario creation	11 June 2024
Test case creation	12 June 2024
Develop Automation Script	12 June 2024
Test case Execution	13 June 2024
Bug Report	13 June 2024
Summary Report Submission	13 June 2024

Test Deliverables

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 Amazon web application.	Shaik Subhan Vali	12 June 2024
Test Scenarios	Test Scenarios created for all mentioned objectives	Shaik Subhan Vali	12 June 2024
Test Cases	Test Cases created for both functional testing and compatibility testing	Shaik Subhan Vali	12 June 2024
Test Automation Scripts	Automation scripts are developed using java script to execute test cases through automation	Shaik Subhan Vali	13 June 2024
Bug Reports	Detailed description of the defects identified in different versions of application.	Shaik Subhan Vali	13 June 2024
Summary Report	Detailed overview of the status of all test cases conducted, along with suggestions for improvement.	Shaik Subhan Vali	13 June 2024

Entry and Exit Criteria

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

Requirement Analysis

➤ **Entry Criteria:**

Receives the Requirement documents of the project includes what functions need to be tested and how the software should behave.

➤ **Exit Criteria:**

Tester should thoroughly explore and understand each requirement listed in the documents. Any doubts or uncertainties regarding the requirements should be addressed and clarified.

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.

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 prepared, Automation scripts are developed, reviewed, and signed-off by Client.

Test Execution

➤ Entry Criteria:

Test Scenarios, Test Cases and Automation scripts reviewed and approved by the client. Application 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

Tools

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

- X mind map Tool
- Microsoft Excel
- Microsoft Word
- Slack- collaboration
- Cypress
- Git hub

Risks and mitigation plans

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

Risk	Mitigation plans
Lack of knowledge on AUT	Subject Matter Expert will be available to guide understanding of the AUT.
Insufficient time for testing activities	Risk based testing is adapted.

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.

Mind Map



Presented with xmind