
Project Name : JPP CODING WEBSITE

TEST PLAN

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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 JPP Coding Website. 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://casioclone.netlify.app/>

Objectives

- To perform thorough Functional 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, Usability Testing and Compatibility testing of the JPP Coding web application.

Testing

- User registration/login.
- Navigation Bar.
- Content Page , Technologies.
- Matlang programing language (try it section).
- Responsive design testing.
- Learn more & get started functions.
- Contact Section(Get in Touch).

Testing approach

Test Types

- Functional
- Performance
- Usability

Testing Methodologies

- Black-box Testing
- Exploratory Testing
- System 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
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Shiva Kumar	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.
Anjali Shaw	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.
Sahil	Test Engineer	<ul style="list-style-type: none"> ● Understand customer requirements ● Write Test plan, Test scenarios & Test cases ● Executing the Test cases. ● Defect tracking and reporting.

Timeline & Effort

- Day 1 :
 - Explore Website Like User.
 - Create Test Plan
 - Write Test Cases(Functional, Usability)
- Day 2 :
 - Execute Test Cases
 - Test Execution Reports.

- Day 3 :
 Bug/Defect Report
 Create Summary report
- Day 4 :
 Save all Files in Github & google drive
 Record Presentation Video

Test Deliverables

- Test Plan
- Test case Report
- Bug Report
- Test Summary Report

Entry & Exit Criteria

Entry Criteria:

- Code deployment in QA environment
- Test data is ready
- Test cases are reviewed

Exit Criteria:

- All critical and high-priority bugs are resolved
- Regression suite is passed
- Final report submitted

Tools

- MindMap
- Google Sheet
- Google Docs
- Slack Workplace
- Github

Risks and Mitigation plans

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

Risks	Mitigation plans
Lack of knowledge on AUT	Subject Matter Expert will be available to guide understanding of the AUT.
No detailed Requirements available	Subject Matter Expert will be available to provide guidance

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.

MindMap



