

# **TEST PLAN FOR PARABANK WEBSITE TESTING**

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# 1 Introduction

## 1.1 Purpose

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The purpose of this test plan is to outline the testing objectives, scope, and approach for testing the ParaBank website.

## 1.2 Scope

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This test plan covers functional testing, usability testing, and cross-browser testing of the ParaBank website. It includes testing various features, including user registration, account management, fund transfers, and bill payments.

## 1.3 Objectives

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The main objectives of this testing effort are:

- To ensure the functionality of the ParaBank website is working as expected.
- To evaluate the website's usability, including its user interface and navigation.
- To verify cross-browser compatibility to ensure consistent performance.

# 2 Test Approach

## 2.1 Functional Testing

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Functional testing will focus on verifying the correctness of the website's features and functionalities. It includes:

- Registering a new user account.
- Logging into the user account.
- Verifying the accuracy of account details, balances, and transaction history.
- Testing fund transfer and bill payment functionalities.
- Ensuring that all hyperlinks and buttons work as expected.

## 2.2 Usability Testing

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Usability testing will evaluate the overall user experience. It includes:

- Assessing the user interface for intuitiveness and clarity.
- Checking the ease and logical flow of navigation.
- Validating the user-friendliness of error messages.
- Verifying website responsiveness on different devices (desktop, tablet, and mobile)

## 2.3 Cross-Browser Testing

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Cross-browser testing will ensure consistent performance across different web browsers. It includes:

- Testing the website on at least two different web browsers (e.g., Chrome, Firefox, or Edge).
- Verifying that the functionality remains consistent and error-free on different browsers.

# 3 Test Deliverables

## 3.1 Test Artifacts

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Here are the test artifacts that will be delivered during different phases of testing:

### 3.1.1 Functional Testing Phase

- Test cases for user registration.
- Test cases for user login.
- Test cases for verifying account details, balance, and transaction history.
- Test cases for fund transfer functionality.
- Test cases for bill payment functionality.
- Test cases for hyperlink and button functionality.

### 3.1.2 Usability Testing Phase

- Usability testing reports with findings and recommendations.
- Documentation of intuitiveness and clarity assessments.
- Navigation flow evaluation report.
- User-friendliness of error messages report.
- Responsive design testing report.

### 3.1.3 Cross-Browser Testing Phase

- Cross-browser test reports for Chrome and Firefox.
- Reports confirming consistent functionality and appearance.

# 4 Resource & Environment Needs

## 4.1 Testing Tools

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The testing environment will be set up as follows:

- Staging environment that mirrors the production environment for functional and usability testing.
- Virtual machines or physical devices for cross-browser testing with Chrome and Edge.
- Various devices, including desktop, tablet, and mobile, for responsive design testing.

These testing tools and environments will enable us to conduct comprehensive testing, manage test cases, and report findings effectively.

## 4.2 Test Environment

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Following **software's** are required in addition to client-specific software.

- Windows 8 and above
- Chrome Version 116
- Edge version 117

## 5 Conclusion

This test plan outlines the objectives, scope, and approach for testing the ParaBank website. By following this plan, we aim to ensure the website's functionality, usability, and cross-browser compatibility meet the desired quality standards.