

Para bank Website Testing Plan

- **Project Name:** ParaBank Website
- **Objective:** The objective of this testing effort is to ensure that the Para Bank web application functions according to the defined requirements.

The goals include:

- Verifying that all functional requirements operate correctly.
- Ensuring all user-facing UI pages behave as expected (Home, About Us, News, Contact).
- Confirming that authentication, account management, transfers, bill payments, and ATM services are working without defects.

- **Scope:**

- **In Scope:**

- 1. Authentication**

- Registration
 - Login
 - Forgot Login Info
 - Logout

- 2. Outer UI Pages**

- Home
 - About Us
 - News
 - Contact

- 3. Account Management**

- View Accounts
 - View Account Details & Transaction History

4. Funds Transfer

- Transfer between own accounts
- Transfer to external account

5. Bill Pay

- Add Payee
- Make a payment

6. ATM Services

- Withdraw
- Deposit
- Check Balance

- **Out of Scope:**

- System Performance Testing (load testing, stress testing)
- Backup operations
- Backend password encryption mechanism
- Email/SMS notifications
- Security Penetration Testing (beyond login validations)

- **Test Types:**

1. Functional Testing

- Verifies all functional requirements.

2. UI/UX Testing

- Validates layout, navigation, and input behavior.

3. Validation & Error Handling Testing

- Ensure proper messages appear for empty/invalid inputs.

4. Integration Testing

- Ensures combined features like transfers + transaction logs work together.

- **Test Environments:**

- **Operating Systems :** Windows 11
- **Browsers:** Google Chrome

- **Testing Methodologies:**

- **Black Box Testing**
- **Requirement-Based Testing**
- **Exploratory Testing**

- **References:**

- **Website URL:** [Parabank Website](#)
- **Test Case Design File:** [Test Cases Design](#)
- **Bug Report File:** [Bug Report File](#)

- **Schedule:**

Phase	Duration	Activities
Test Planning	2 Days	Define scope, strategy, resources
Test Case Design	14 Days	Writing detailed test cases for assigned modules
Test Cases Execution	10 Days	Executing test cases and logging defects
Test Closure	2 Days	Reporting, coverage summary

- **Entry Criteria:**

- Requirements are reviewed and finalized.
- The test environment (browsers/devices) is ready.
- Access to ParaBank website is stable.
- Test cases are completed and approved.

- **Exit Criteria:**

- All critical test cases have been executed.
- All reported Medium-Severity defects are documented, reviewed, and deferred or fixed.
- The Test Summary Report is completed.

- **Roles and Responsibilities:**

Module No.	Module / Scope Area	Tester
1	Outer Pages UI (Home, About Us, News, Contact)	Abdelrahman
2	Authentication (Login, Logout, Registration, Forgot login info)	Mostafa
3	Account Management (Accounts Overview, Transfer Funds)	Mazen
4	Payments & Transactions (Bill Pay, Find Transactions)	Ismail
5	Profile & Loans (Update Contact Info, Request Loan, ATM Actions)	Adham