**Test Plan for Zero Bank Web Application**

**Application URL**: http://zero.webappsecurity.com

**Prepared by**: Sagnik Roy

**Date:** 21st May, 2024

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**1. Test Plan Identifier**

TP-ZeroBank-2024-SR-v1.0

**2. Introduction**

This test plan outlines the testing strategy for the Zero Bank web application, a demo online banking platform. The primary objective is to ensure the core UI components and navigation elements function correctly, are user-friendly, and are free from critical defects. The focus will be on the visual elements, links, and interactive components on the Home, Online Banking, and Feedback pages, as well as the global header and footer.

**3. Test Items**

• Global Navigation Bar (Home, Online Banking, Feedback)

• Search Functionality (Search Input Field and Button)

• User Sign In Button

• Home Page Carousel (Left and Right Arrows)

• Home Page Content Links (Online Banking, Checking Account Activity, My Money Map)

• Online Banking Page (Account Summary, Account Activity, Transfer Funds, Pay Bills, My Money Map, Online Statements buttons)

• Feedback Form (Your Name, Email, Subject, Question fields, Send Message button, Clear button)

• All Footer Links (Terms of Use, Privacy Policy, Cookies Policy, etc.)

• Footer Logos

**4. Features to be Tested**

• Navigation: Functionality of all main navigation links (Home, Online Banking, Feedback).

• Search: Positive and negative scenarios for the search input field and button.

* Sign In: Redirection and visibility of the Sign In button.
* Home Page Carousel: Functionality of left and right navigation arrows.
* Home Page Links: Correct redirection of all prominent content links.
* Online Banking Page: All feature buttons are present, visible, and clickable (redirection to login will be noted as expected behavior).
* Feedback Form:
* Field validation (e.g., required fields, email format).
* Functionality of the 'Send Message' button (success and error states).
* Functionality of the 'Clear' button.
* Footer: All links in the footer are working and lead to the correct pages.
* UI and Usability: Consistency, alignment, spelling, and visual presentation of all tested elements.

**5. Features Not to be Tested**

• Back-end functionality after form submission (e.g., actual bill payment, fund transfer logic).

• User authentication and account-specific workflows (e.g., logging in and checking a real account summary).

• Performance, load, and stress testing.

• Security testing beyond basic input validation.

• Third-party services linked from the footer.

**6. Approach**

• Manual Testing: All tests will be executed manually.

• Functional Testing: Based on positive and negative test scenarios for each component.

• UI/Usability Testing: Visual inspection for consistency and layout.

• Cross-browser Testing: Testing on latest versions of Chrome, Firefox, and Edge.

• Regression Testing: To be performed if any defects are found and fixed.

**7. Item Pass/Fail Criteria**

• Pass: The component behaves as expected per the specifications and standard web conventions.

• Fail: The component is broken, non-functional, misdirects the user, has serious visual defects, or crashes the application.

**8. Suspension Criteria and Resumption Requirements**

NA

**9. Test Deliverables**

• Test Plan (This Document)

• Detailed Test Cases

• Defect/Bug Reports

• Final Test Summary Report

**10. Environmental Needs**

• OS: Windows 10/11

• Browsers: Google Chrome (v124+), Mozilla Firefox (v125+), Microsoft Edge (v124+)

• Stable Internet Connection

**11. Responsibilities**

• Test Manager: Vaishali Sonanis

• Test Lead: John Doe

• Tester: Sagnik Roy (Test case execution, defect logging, and reporting)

**12. Schedule**

Activity Start Date End Date

Test Planning & Finalization 21-May-2024 21-May-2024

Test Case Design & Review 22-May-2024 23-May-2024

Test Execution Cycle 1 24-May-2024 27-May-2024

Defect Reporting & Retesting 28-May-2024 29-May-2024

Test Closure & Reporting 30-May-2024 30-May-2024

**13. Risks and Contingencies**

NA

**14. Approvals**

John Doe Test Lead

Vaishali Sonanis Test Manager

Sagnik Roy Tester