

## 1. Introduction

This test plan defines the manual testing approach for the **Tasty Treat** website, an online platform for purchasing a wide variety of bakery and fast-food items. The primary objective of this testing effort is to ensure that the website functions as intended, providing a secure, seamless, and user-friendly shopping experience.

## 2. Scope

The scope of this test plan is to perform manual testing on the **Tasty Treat** website to ensure its functionality, usability, security, and performance meet the desired standards. The testing effort will focus on identifying defects and ensuring a smooth user experience, with a primary focus on customer-facing features and critical functionalities.

### In-Scope

The following areas to **Tasty Treat** website will be tested:

- Banner display, promotional content, and navigation links.
- Registration, Sign in/Sign out, and profile management.
- Adding/removing items, applying coupons, and order summary.
- Payment gateway functionality, confirmation messages, and error handling.
- Testing on various devices, browsers, and screen resolutions.
- Testing on various devices, browsers, and screen resolutions.
- Verifying user data protection and secure transactions.

### Out-of-Scope

- Server-side processing, APIs, and database performance.
- Automated test case execution for regression or load testing.
- Deep security penetration testing or detailed performance benchmarking.

## 3. Objectives

- Ensure functional accuracy.
- Verify user interface and usability.
- Validate Cross-Browser and device compatibility.
- Test security features.

## 4. Test Approach

- **Functional Testing**
  - Validate Sign in/Sign out functionality.
  - Verify Payment Transaction.

- Profile management and resetting passwords.
- **Usability Testing**
  - Evaluate the website's navigation and responsiveness.
  - Test error messages for clarity.
- **Compatibility Testing**
  - Perform manual tests on browsers (Chrome, Firefox, Safari, Edge).
  - Test responsiveness on devices (mobile, tablet, desktop).
- **Security Testing**
  - Password policies and account locked after failed attempts.
  - Validate session management, such as session expiration and re-authentication.
  - Check secure data transmission using HTTPS.

## 5. Test Environment

- **Devices:** Windows PC, macOS, Android, iOS.
- **Browsers:** Chrome, Firefox, Edge, Safari.
- **Network:** High-speed and limited bandwidth.
- **Test Data:** Mock accounts with valid/invalid credentials.

## 6. Test Deliverables

- Test Scenario
- Mind Map
- Test case Document
- Test Summary Report
- Bug Report
- Test Metrics

## 7. Approval

**Prepared By:** Sarowar Jaman

**Approved By:** Ehsanul Alam Sabbir

