# Test Plan for Homestay Booking System

## 1. Introduction

This document outlines the Test Plan for the Homestay Booking System, which allows guests to book stays, caretakers to manage bookings, and the owner to view bookings.

## 2. Scope

This Test Plan covers the testing of core functionalities of the homestay booking system:

* In-Scope:  
  • Guest sign-up, login, and booking  
  • Caretaker login, booking management, and payment handling  
  • Owner login and booking viewing.

## 3. Test Objectives

* • Validate that the system accurately meets the functional requirements.  
  • Verify that each user role (Guest, Caretaker, House Owner) has access to the appropriate features and that user flows are correct.

## 4. Test Strategy

* • Functional Testing: Ensure functionality for login, booking, and cancellation.  
  • Usability Testing: Assess user-friendliness of the interface.  
  • Security Testing: Verify OTP generation and data protection.  
  • Performance Testing: Evaluate response times and system stability.
* Test Environment:  
  • Browsers: Chrome, Firefox, Safari

## 5. Roles and Responsibilities

* • Test Case Creation  
  • Test Execution  
  • Reporting

## 6. Risk Analysis

* Potential Risks:  
  • OTP SMS delay  
  • Server downtime

## 7. Test Deliverables

* • Test Plan  
  • Test Scenario  
  • Test Cases