TEST PLAN DOCUMENT

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Test Plan for Village Villa: Village Villa is chetan's home villa in town which is rented for tourist and has caretaker and Manager for managing all stuff.

Introduction:

- Brief overview of the Village Villa website.

- Purpose of the test plan.

- Scope of testing.

Features to be Tested:

- User Registration and Authentication

- Booking Functionality

- Notification System

- Booking Management (View, Cancel, Modify)

- Caretaker Functionality

- House Owner Functionality

- Integration with SMS Service

Testing Approach:

- Functional Testing: Ensure all features work as expected.

- Usability Testing: Evaluate user interface, navigation, and overall user experience.

- Performance Testing: Check website performance under different loads.

- Security Testing: Verify security measures such as data encryption, authentication mechanisms, etc.

- Compatibility Testing: Test on different browsers and devices.

- Integration Testing: Ensure seamless integration of different modules.

Test Cases:

1. User Registration:

2. Verify user can register with valid details.

3. Verify user cannot register with invalid details.

4. User Authentication:

5. Verify user can log in with correct credentials.

6. Verify user cannot log in with incorrect credentials.

7. Booking:

8. Verify user can view available Village Villas.

9. Verify user can book a Village Villa successfully.

10. Notification System:

11. Verify user receives SMS confirmation upon booking.

12. Booking Management:

13. Verify user can view, cancel, and modify bookings.

14. Caretaker Functionality:

15. Verify caretaker can view all bookings.

16. Verify caretaker can update booking details.

17. House Owner Functionality:

18. Verify house owner can view bookings for their Village Villa.

19. Integration with SMS Service:

20. Verify SMS notifications are sent accurately.

Test Environment:

- List of devices and browsers to be used for testing.
- Tools and software needed for testing (e.g., testing frameworks, emulators).

Test Execution:

- Assign test cases to testers.
- Set up test environment.
- Execute test cases.
- Document test results.

Defect Tracking:

- Use a defect tracking tool to log and track issues found during testing.
- Prioritize and assign issues for resolution.

Test Summary:

- Summarize test results.
- Provide recommendations for improvement if any issues were found.

Sign-off:

Approval from stakeholders indicating the completion of testing.

Appendix:

Any additional information related to testing.