Functional Requirements Specification (FRS)

Project Name: Hotel Booking Website – Manual Testing

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1. Overview

The Hotel Booking Website is a simulated platform built using PHPTravels for educational testing purposes. It replicates a real-world hotel booking experience by allowing users to search, compare, and book hotels online. The purpose of this document is to define the functional requirements necessary for conducting thorough manual testing of this system.

2. Requirements

This application requires a modern web browser with JavaScript support and an active internet connection. The system should function across major desktop and mobile browsers (Chrome, Firefox, Safari). Since this is a demo site, mock data is used and real financial transactions are not processed.

3. Frontend Functional Scope

This document focuses on the customer-facing functionalities of the PHPTravels demo site. It outlines how the user interacts with various modules including registration, login, hotel search, booking, and account management.

4. Functional Modules

4.1 Homepage & Navigation

- Displays a search bar for destination, check-in/check-out dates, and guests
- Menu options to access login, bookings, user profile
- Promotional banners and popular hotel listings

4.2 User Authentication

- Registration form for new users
- Login form with email and password
- Forgot password recovery feature
- Dashboard access upon successful login

4.3 Hotel Search and Filtering

- Search for hotels by location, date, and number of guests
- Filter results by price, ratings, hotel type
- View hotel details, room availability, and amenities

4.4 Booking Process

- Select room type and number of nights
- Enter guest information and proceed to mock payment
- Display booking summary and confirmation
- View booking in dashboard

4.5 User Dashboard

- Display current and past bookings
- Manage profile details
- Cancel bookings if applicable
- Print or download invoices

4.6 Payment Gateway Simulation

- Simulate card entry (no real processing)
- Generate success/failure message
- Show total cost breakdown (room, taxes)

4.7 UI/UX Elements

- Responsive design for mobile and desktop
- Intuitive navigation and buttons
- Loading indicators and form validation messages
- Proper error prompts for incorrect actions

5. Conclusion

This Functional Requirements Specification (FRS) defines the testable functions of the Hotel Booking Website for manual testing. It acts as a blueprint for designing and executing structured test cases and reporting bugs based on real-world user interaction.