

Hotel Application

User Authentication:

- Implement user registration and login/logout functionality.
- Differentiate between guest, staff, and admin roles.

Room Management:

- Create a database of rooms with details like room number, type, availability, price, and amenities.
- Allow staff to update room status (clean, dirty, under maintenance, etc.).
- Implement a room booking system that checks availability.

Reservation System:

- Enable users to check room availability for specific dates.
- Allow users to make reservations, specifying check-in and check-out dates.
- Ensure rooms are marked as unavailable during booked dates.

Payment Processing:

- Integrate a payment gateway (e.g., Stripe) for handling transactions.
- Implement billing for room reservations and additional services.

Staff Management:

- Admin panel for adding, updating, and deleting staff members.
- Assign different roles to staff (housekeeping, front desk, management, etc.).

Customer Management:

- Enable staff to manage guest information, such as contact details and booking history.
- Allow guests to view their booking history and update their profile.

Additional Features:

- Implement a search functionality to filter rooms based on criteria like price range, room type, amenities, etc.
- Add a review/rating system for guests to provide feedback on their stay.

Screens:

Home Screen:

Overview: The home screen is the gateway to your hotel management system. It should provide a welcoming introduction and easy access to key functionalities.

Features:

- Display a carousel or grid showcasing beautiful images of the hotel, rooms, and amenities.
- Highlight current promotions, special offers, or upcoming events.
- Quick links or buttons for room reservations, exploring room types, or checking availability.

About Us:

Overview: This section gives an insight into the hotel's history, values, and mission.

Features:

- A brief narrative about the hotel's establishment, including its journey and significant milestones.
- Information about the hotel's vision, mission, and commitment to guest satisfaction.
- Introduction to the management team or key personnel.

Contact Us:

Overview: The Contact Us page allows guests to get in touch with the hotel for inquiries, support, or feedback.

Features:

- Contact details including address, phone number, email, and possibly a map showing the hotel's location.
- A contact form allowing guests to send messages directly to the hotel's staff or management.

- Social media links for easy engagement.

Booking/Reservation Page:

Overview: This is where users can initiate the reservation process.

Features:

- Date picker or calendar for selecting check-in and check-out dates.
- Room type selection with details (price, amenities, availability).
- Form for guest information (name, contact details, special requests).

Additional Considerations:

- Responsive Design: Ensure that all screens are optimized for various devices (desktops, tablets, smartphones).
- Consistent Theme: Maintain a cohesive design and branding across all screens for a professional look.
- Navigation: Implement an easy-to-use menu or navigation bar to switch between different sections.