**Administrator Features:**

Manage Room Data: The administrator must have full control over room data within the application, including the ability to:

Add new rooms to the system.

View detailed room information.

Update room details (e.g., price, availability, room features).

Delete room records from the system.

**Customer Features:**

Room Viewing & Searching: Customers must be able to browse available rooms, filter by criteria (e.g., date, room type, price range), and view detailed room information (e.g., availability, amenities).

Make Reservations: Customers must be able to book rooms and specify the desired dates and preferences.

Manage Reservations: Customers should have the ability to view, update, or cancel their reservations.

**Receptionist Features:**

Reservation Management: Receptionists must have the capability to:

View all customer reservations.

Modify existing reservations (e.g., adjust dates, room assignments).

**General Application Features:**

- Persistent Data Storage: The application must save all data (room details, reservations, user data) permanently, ensuring that information is available even after the application is closed or restarted.

- User Authentication: The application must provide secure sign-up and sign-in functionality, allowing:

- Customers, administrators, and receptionists to create accounts and log in.

- Role-based access control to ensure users only access the features relevant to their role.