



Project Requirements

When building an app, it is common as a developer to be given a specification or set of requirements for how the app should work and what it should do. This page provides the required features for the Hotel Reservation App.

Remembering and applying these requirements will be easiest if you notice the reasons for them—for example, one requirement is that two people should not be able to book the same room on the same date. That requirement is a realistic one for any functional reservation app that isn't going to drive its users crazy!

Note: *You don't need to memorize the information here—rather, you'll want to refer to these requirements as you build your application. We suggest that you either print this page or open it in a new tab.*

User Scenarios

The application provides four user scenarios:

- **Creating a customer account.** The user needs to first create a customer account before they can create a reservation.
- **Searching for rooms.** The app should allow the user to search for available rooms based on provided checkin and checkout dates. If the application has available rooms for the specified date range, a list of the corresponding rooms will be displayed to the user for choosing.
- **Booking a room.** Once the user has chosen a room, the app will allow them to book the room and create a reservation.
- **Viewing reservations.** After booking a room, the app allows customers to view a list of all their reservations.

Admin Scenarios

The application provides four administrative scenarios: