

## Project - Room with a View

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### Functional requirements:

- Registration can be made via web
- Guests have the ability to either book a type of room (standard, deluxe, or suite) or choose a specific room to stay in by viewing pictures of each room and its location in the hotel.
- The system must be able to maintain room status (booked, available, ready to clean, etc.) as well as when the room will be needed next.
- Cleaning and maintenance staff can be directed to various rooms based on priority and reservation need
- Standard reservation functionality (e.g., payments, registration info, etc.) will be done by leveraging the existing reservations system.

### Nonfunctional requirements:

- Security guaranteed for user registration & login, and payment
- The system will be able to support high traffic in the 'Peak season'