

Week 2 Database Design

Hotel Management System

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Introduction:

I will be working on Hotel Management system for the final project. This is a common platform or framework that can be utilized by various small to medium scale hotels to manage their staff, customer and hotel inventory.

Database Technology:

I plan on using MySQL relational database to store data for the hotel management system since it requires multiple relations connecting the customers, rooms and bookings. Also, MySQL is a good way to protect standard schemas like hotel management system.

Database Design:

So far, I have planned to create the following tables:

1. Booking
2. Billing
3. Room
4. Cleaning
5. User registration/login
6. Customer

I have mentioned the relations between these tables in the diagram below. This is an initial draft; I might make some additions/update to the schema based on the feedback from peers.

