



Project Proposal
CSE 311L
Database Management System
Section 9

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North South University

Submitted to: Sajid Ahmed

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Project Name:
Hotel Management System

Introduction:

We are going to make a user-friendly webpage to search for hotel rooms on people's demand and can book rooms if wishes to. Here data of Employees and the person stayed or booked rooms. Can also trace the people about how many times they used to stay on this hotel and the kind of rooms they prefer.

Features:

Entities for this database:

1. Admin
2. Hotel_Info
3. Room
4. Room_Type
5. Reservation
6. Guest
7. Payment

1. **Admin:** Admin will have a login id and password. After logged in he can view, edit the reservation and can confirm the booking. He can also cancel the reservation based on the situation. After all he can manage the facilities.
2. **Hotel Info:** Here we can find the available information about this hotel.
3. **Room:** Here we can see all the available rooms with their information's and a guests can choose his own rooms which they desire.
4. **Room Type:** Here we can find the different types of room in this hotel and the facilities with it.
5. **Reservation:** A guest or customer can reserve the room that he/she is willing to take and with the information's within it.
6. **Guest:** Stores all the information's about the guests who have stayed in the hotel or booked to stay.
7. **Payment:** all the payment status will be collected here and also thos the cost of different types of room in the hotel.

Technologies:

Software's:

1. Xampp
2. MySQL
3. Sublime text

Technology:

1. SQL
2. HTML
3. PHP
4. Bootstrap 4

Proposed Timeline:

Project Parts	Tentative Date
Part-1: ER Diagram of the project	13-09-2020
Part-2: Admin login	21-09-2020
Part-3: Hotel_Info	23-09-2020
Part-4: Room	25-09-2020
Part-5: Room type	26-09-2020
Part-6: Reservation	27-09-2020
Part-7: Guest	28-09-2020
Part-7: Payment	29-09-2020