# Database Systems Project

**Section:** 4E

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**Database Type:** Hotel Management System

**Introduction:**

We propose the development of a comprehensive Hotel Management System that will automate various operations of a hotel. This system will help hotel management to streamline their day-to-day activities and ensure smooth operations.

**Functionalities:**

1. **Sign Up:** New customers will be able to register by their emails, set password and provide personal information.
2. **User Login:** Registered customers will be able to access the site using their email and password.
3. **Forget Password:** will allow user to change password simply by answering a security question (taken at the time of registration from customer)
4. **Admin Login:** Will allow hotel administration to add new hotel/room/items/sales and offers.
5. **Customer Profile:** This contains personal information of the customer e.g. name, phone number, date of birth, address etc. They will be able to edit and make changes to it.
6. **Hotel Room Booking:** Customers will be able to select rooms according to their preferences and book them
7. **Catalogue:** Displays various types of hotel rooms along with their pictures and details.
8. **Generate Bill:** Generates a bill for the user once the booking ends.
9. **Room rating:** Allow users to rate the rooms they booked according to their experience.
10. **Bonus:** Give customer discount looking at their payment history.
11. **Sales & Offers:** Sales and special offers would be available on special occasions like independence day or other public holidays.
12. **Food Services:** Displays a menu to user. This bill for ordered items will be added to total bill.