

# || DELHI TECHNOLOGICAL UNIVERSITY



## DBMS PROJECT REVIEW

UNDER GUIDANCE OF PROF Ms. INDU SINGH

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# DATABASE MANAGEMENT SYSTEM HOTEL MANAGEMENT

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## OVERVIEW

### 1. Project Background and Description

**i** We are going to make hotel management website that stores data of admin and customer on the basis of their log

### 2. Project Scope

**i** *Purpose* The main purpose of my exercise is perform each Employee's activity in computerized way rather than manually which is time consuming.

The entire activity is to automate the process of day-to-day activities of Hotel like → Room activities very safely, → Assign a room according to customer's checkout of a computer and → Releasing the room and finally compute the bill in short time.

### 3. High-Level Requirements

**i** We are using following Tech Stack:

Hotel management system uses following technologies:

- HTML, CSS for frontend development.
- PHP for database connection and Read and write functional
- SQL for sequential database to store details of customer and Manager.

### 4. Deliverables

**i** Fully functional website for managing Hotel Administration and Booking with following features.

1. *Data Flow Diagram(DFD)*
2. *Database of hotel management*
3. *Home Page*
4. *Online visitors*
5. *Online visitors*
6. *Manager checking*
7. *Admin panel*
8. *Employee details*
9. *Admin divide duty time and entry salary of employees*
10. *Admin divide duty time and entry salary of employees*
11. *Admin can find out daily earn*
12. *Admin can find out daily expense*

## 5. Implementation Plan

**i** We are going to do it in two 3 phases:

1. *Frontend Development*
2. *Backend Development*
3. *Database Attachment*

## 6. References

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1. *Hotel ManagementSystem SalmanRana BCS02133279 3.6.2 Availability*  
The system shall be available during normal hotel operating hours. 3.6.3  
*Security* The extent to which the Hotel Management System is safe from  
outside non-allowed user or attacks. 3.6.4 *Maintainability* What design,  
coding standards must be adhered to exclusions created 3.6.5 *Portability*  
The Hotel Management System shall run in any Microsoft Windows  
environment 1-Use Case Diagram
  2. *Hotel ManagementSystem SalmanRana BCS02133279 2-Data Flow*  
*Diagram*
  3. *Hotel ManagementSystem SalmanRana BCS02133279 3-Architectural*  
*Diagram*

4. Hotel ManagementSystem SalmanRana BCS02133279 4-ER Diagram  
Manager View Insert Update Delete Add Update Delete Add Update All  
Detailsof reports DepartmentDetails Department Details DepartmentDetails  
Room/Staff/InventoryDetails Room/Staff/InventoryDetails  
Room/Staff/InventoryDetails GuestDetails GuestDetails Delete  
GuestDetails Search Rooms Make Reservations Owner Receptionist Issue  
Bill
5. Hotel ManagementSystem SalmanRana BCS02133279 z 5-Activity  
Diagram Add new Hotel Room