

Synopsis on

# Hotel Database

---

Submitted to

***DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING***

Under the Supervision of

Reviewer Name : Ms.L Kamatchi Priya  
Signature with Date :



Submitted By

[Iqra Anjum]  
[1NH17CS407]  
[5<sup>TH</sup> Sem]  
[“B”]

**NEW HORIZON COLLEGE OF ENGINEERING**  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with ‘A’ Grade, Accredited by NBA  
BANGALORE-560103  
2018-19

# Project Description:

## Problem Definition and Introduction

The System is to manage all the Boarding and lodging activities of a hotel. It automates the task of room reservation, bill generation, checks room availability, etc. The overall Functioning of the system, schemas and its attributes are mentioned below.

## TASKS:

- Customer Information
- Room Reservation
- Room Availability
- Room Billing
- Hall Reservation
- Hall Availability
- Hall Billing

## SCHEMAS:

- Customer
- Room Type
- Hall Type
- food
- Check in room
- Check in hall
- order

## Assumptions:

- Hotel contains customer table consisting with customer details in which customer id is made as primary key, gust\_id(primary key), gust\_name, address, ph\_number.
- The roomtype table is used in which it consist of all details of rooms, in this table the primary key is considered as room number , Room\_no(primary key), room\_type, room\_rent, availability.
- The hall table contains all the details of halls such as hall\_no(primary key), hall\_type, hall\_rent, availability.
- Food table contains list of food items and it is identified with unique ID as food\_id which is considered as primary key in this table food\_id(primary key),food\_name.
- Checkinroom table consist of two foreign keys Room\_id(foreign key), gust\_id(foreign key), check\_in, check\_out.
- Checkinhall table consist of two foreign keys hall\_id(foreign key), gust\_id(foreign key), check\_in, check\_out.
- Order table consist of two foreign keys food\_id(foreign key), gust\_id(foreign key),quantity

## **Requirements:**

### **Hardware Requirements:**

- System : Pentium IV 2.4 GHz, Intel Core i3, Core i7
- Hard Disk : 40 GB and higher.
- RAM : 256 Mb and higher.
- Keyboard and Monitor

### **Software Requirements:**

- Operating system : Windows XP and higher
- Front End : Microsoft Visual Basic/HTML
- Back End : Oracle/MySQL