WORLD UNIVERSITY
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A University for Quality and Utilitarian Education

Project Report on

"Hotel Management System"

in partial fulfilment for the award of the degree

of

BACHELOR OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Submitted By:

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Introduction

The Hotel Management System is a desktop application designed to help hotel managers handle daily operations efficiently. With an interactive GUI, it enables the management of rooms, employees and customers. The system streamlines room booking, staff management, and other hotel-related tasks, reducing manual paperwork. It allows managers to post available rooms and track customer check-ins, room allocations, checkouts, and room availability. The purpose is to automate and simplify hotel operations, ensuring a seamless and organized management process.

The application of the Hotel Management System bears the following functions to use by the Administrator:

- Add an Employee
- Add a new Customer
- Check room status
- Bill details
- Check all Customers' details
- Update room status
- Customers' CheckOut.

Administrative Modules

There are modules I have included in this project :

1. Receptionist : Receptionist can add a new customer and allocate rooms, can check all room details, customers details, employee details, search for a particular room etc.

Main Objective

Main objective of this project is to provide solution for hotel to manage most there work using computerized process. This software application will help admin to handle customer information, room allocation details, Payment details etc.

- Keeping records of admission of customers.
- Facilities provided by Hotel are fully utilized in effective and efficient manner.

Software Interfaces

Programming Language   Java

Back End Tool   MySql 8.0 command line client

Database Tables

1. Manage Room

Field	Datatype	Constraint
Roomnumber	Numeric(30)	PK
RoomType	Varchar(30)	NN
Status	Varchar(30)	NN
Price	Number(30)	NN
BedType	Varchar(30)	NN

2.Customer CheckIN

Field	Datatype	Constraint
Roomnumber	Varchar(30)	NN
number	Numeric(30)	PK
name	Varchar(30)	NN
gender	Varchar(30)	NN
country	Varchar(30)	NN
BedType	Varchar(30)	NN
Checkindate	Varchar(30)	NN

3. Customer CheckOut

Field	DataType	Constraint
Name	Varchar(30)	NN
Mobilenumber	Numeric(30)	NN
Gender	Varchar(30)	NN
Checkindate	Varchar(30)	NN
Price	Number(30)	NN
Phone	Number(30)	NN
Nidnumber	Number(30)	PK

4.Login

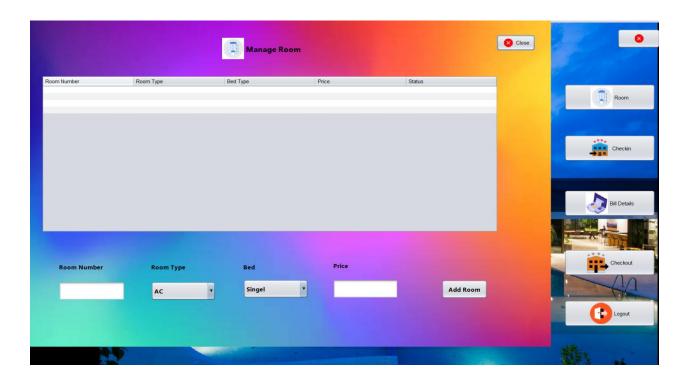| Field	DataType	Constraint
Username	Varchar(30)	PK
Password	Varchar(30)	NN

Screenshots

1. Login Page

2. DashBoard Page

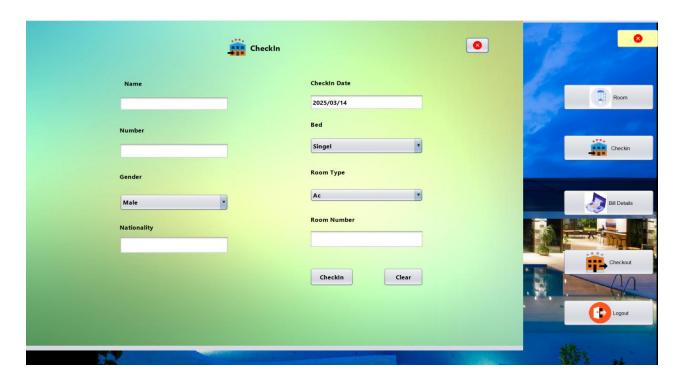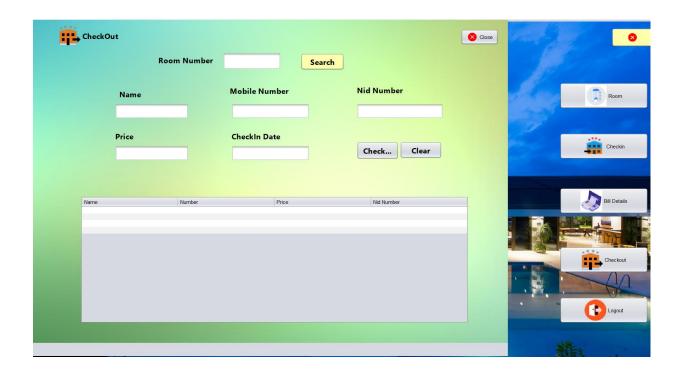# 3.Manage Room Page

4. CheckIn Page

5.CheckOut Page

6. Customer Bill