

Hotel Application

Developed in – c#.net

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Stream : - BCA

Semester : - 5

Data Dictionary

- **DATABASE TYPE: - MySQL/phpMyAdmin)**
 - **Tables**
 - **Staff Detail**
 - **Rooms Detail**
 - **Booking Detail**
 - **Income Detail**
 - **Category**
 - **Login**
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- Staff Table

Fields	Data_Type	Constraints
Id	INT(255)	PRIMARY KEY(AUTO - INCREMENT)
name	VARCHAR(50)	-
email	VARCHAR(200)	-
number	INT(11)	-
gender	VARCHAR(15)	-
dob	VARCHAR(50)	-
jod	VARCHAR(50)	-
Salary	INT(10)	-
Age	INT (255)	-

Image	VARCHAR(500)	-
Designation	VARCHAR(100)	-
Password	VARCHAR(10)	-

• **Booking Table**

Fields	Data_Type	Constraints
Id	INT	PRIMARY KEY(AUTO - INCREMENT)
c_name	VARCHAR(100)	-
c_num	INT (255)	-
c_age	INT(255)	-
c_totalmember	INT(255)	-
c_adharno	INT(255)	-
c_paid	INT(255)	-
c_remaining	INT(255)	-
c_total	INT(255)	-

c_doa	VARCHAR(100)	-
c_doc	VARCHAR(100)	-
category	VARCHAR(100)	-
gst(12%)	INT (255)	-
roomno	INT(255)	-

•ROOM'S TABLE

Fields	Data_Type	Constraints
rno	INT(100)	-
status	VARCHAR(100)	-
category	VARCHAR(100)	-
doa	VARCHAR(100)	-
doc	VARCHAR(100)	-
rtype	VARCHAR(100)	-
image	VARCHAR(100)	-
amount	INT(50)	-

LOGIN TABLE

Fields	Data_Type	Constraints
id	INT(255)	PRIMARY KEY(AUTO - INCREMENT)
name	VARCHAR(100)	-
email	VARCHAR(200)	-
password	VARCHAR(10)	-

- **INCOME TABLE**

Fields	Data_Type	Constraints
ID	INT (255)	-
NAME	VARCHAR(255)	-
DATE	VARCHAR(100)	-
AMOUNT	INT (255)	-

- **CATEGORY TABLE**

Fields	Data_Type	Constraints
Id	INT	PRIMARY KEY(AUTO - INCREMENT)
Catname	VARCHAR(100)	-
Catimage	VARCHAR(500)	-

WINDOWS Forms

- **All Forms: -**

- 1. Loading Screen**
- 2. Login Page**
- 3. Home Window**
- 4. Menu page**
- 5. Per Category One Page**
- 6. CheckOut Page**
- 7. Overview Page**
- 8. Booking Room Page**
- 9. Staff Management Page**

- **Loading Screen: -**

- This screen is the first screen that appears at the start of the application.
 - It will contain the Name of the Management.
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- **Login/Registration Page:-**

- This is the second screen of the app.
 - This is a user authentication window that asks use to input a username and password to authenticate and continue further use of app.
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- **Home Window:-**

- This is the important window of application as it acts as a parent to other windows forms.
- It will contain 3 panels.

- **Menu Page:-**

- **This page will generate category wise labels that contain images and labels of the category.**
 - **You can go on each category page by clicking on labels.**
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- **Per Category pages:-**

- **These pages are pages that retrieve Rooms Category from the database.**
 - **It will generate images and labels for every Room Category available in the database.**
 - **By clicking them it can be added to the room list on the right side of the Home Window.**
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- **CheckOut Page:-**

- These pages will be seen when the User presses the Checkout label on the home.
 - This form is used to get data from the Guest which stay in room and paying details .
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- **Booking Info page**

- This page adds Guest details when the user clicks on the room no which want to book.
 - this takes guest information and it will gives total amount with GST 12% .
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- **Overview Page:-**

- This page will show data about all the earnings done from the CheckOut to date Specify earnings.
- One can print this data by simply clicking on the print button on this page.

- **Staff Management Page:-**

- This page can be used to view All staff's data. ○ It can be also used to add newly joined staff member.
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