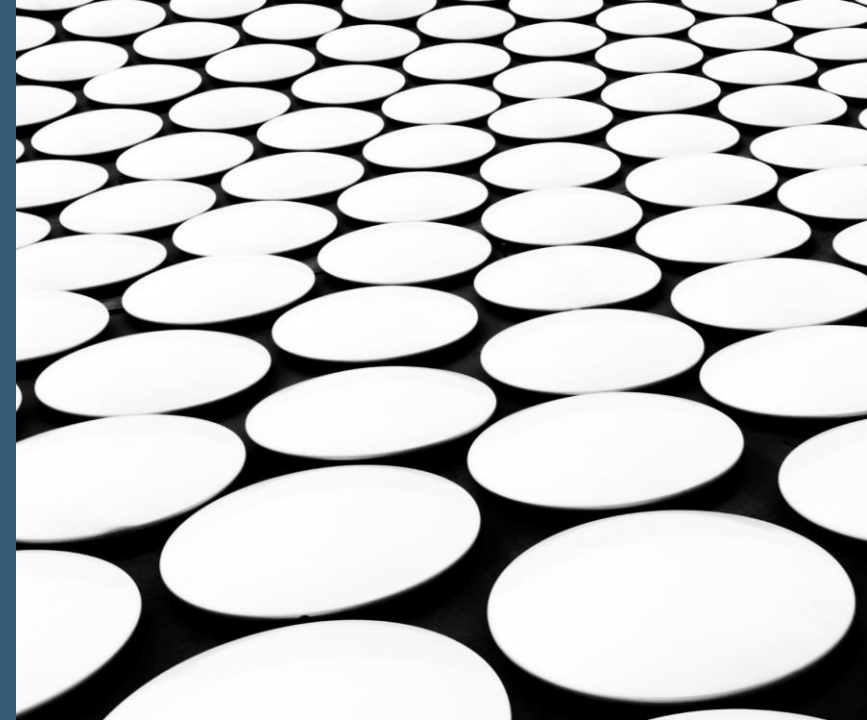
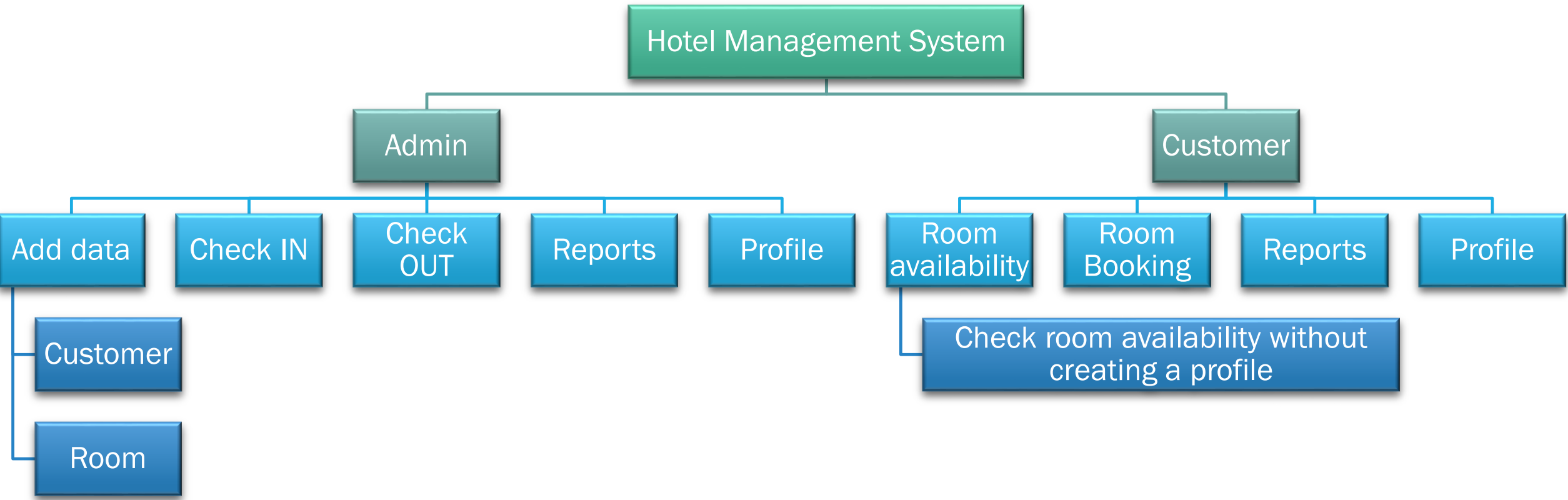


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# HOTEL MANAGEMENT SYSTEM

PYTHON 6<sup>TH</sup> BATCH







# System Interface



# Login Here



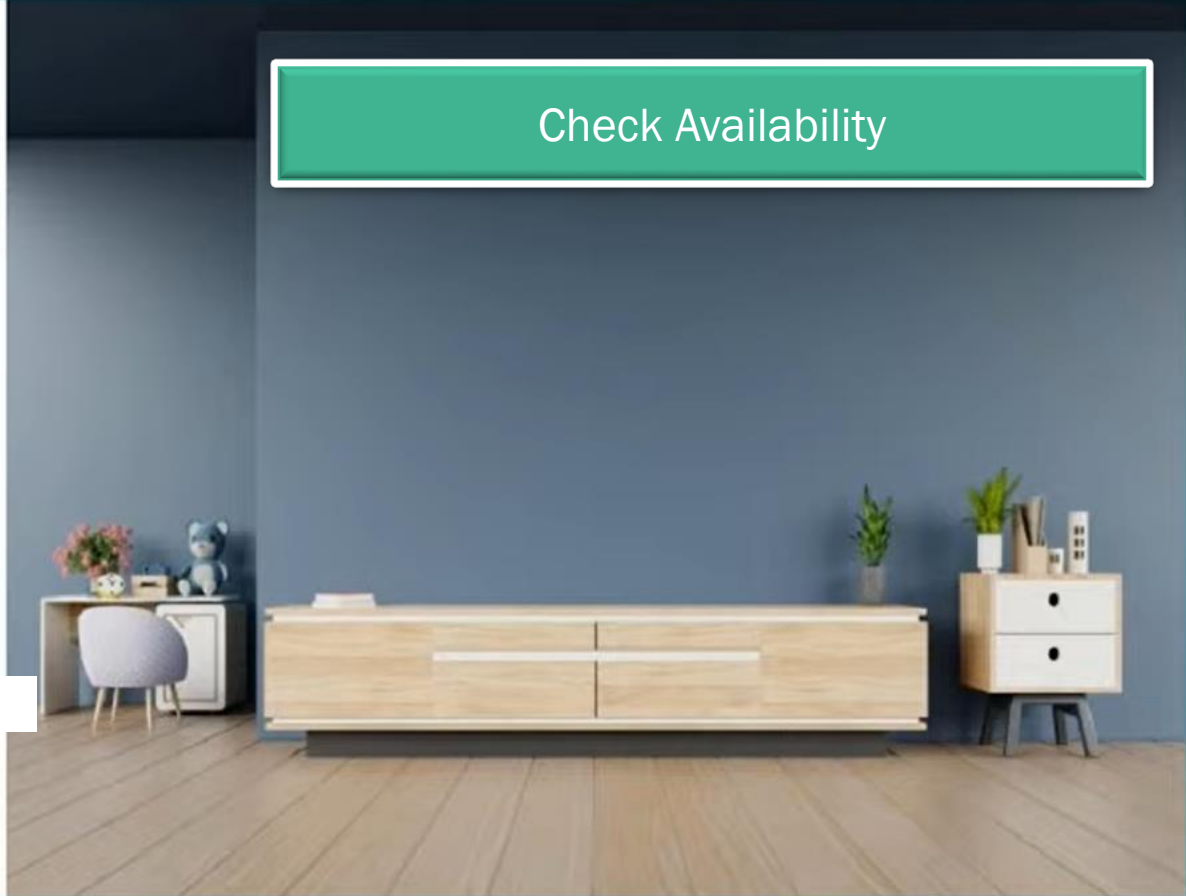
Username

Password

Log IN

Sign Up

Check Availability





Customers

Check In

Check Out

Rooms

Report

Profile

Sign Out

# Welcome (Admin name)

Date/Time

Available Rooms  
( )

No of Customers  
( )

Today's Check IN  
( )



## Manage Room Details

Category

Drop down box

Floor

Room No

Up to

Status

Drop down box

Price

Add

Update

Delete

Clear

Room No

Search

| Room ID | Category | Floor No | Room No | Price | Status |
|---------|----------|----------|---------|-------|--------|
|---------|----------|----------|---------|-------|--------|

Data grid view



Search Customer

Select

Search

### Customer Details

Customer ID

Gender

Select

Contact

Name

DOB

Proof type

Select

Email

Nationality

Proof ID No

Address

Proof ID No.

Save

Update

Delete

Clear

Customer ID

Name

Email

Gender

DOB

Contact

Nationality

Address

Proof Type

ID type

Proc



Register Customer



Customer Registration Successfully  
Customer ID: 000001

OK



## Check In Details

Customer ID

Search

Name

Auto fill

Check IN

No of Adults

Contact No

Auto fill

Check OUT

No of Childs

Meal Plan

Drop down box

Additional price

Comment

Room ID

Search

Price for one

Discount

Total

Room No

Advance

Balance

Check IN

Update

Delete

Clear



Room Booking

X

Room Booking Successfully  
Booking ID: 1200001

OK

# Check Out Details

Booking No

Search

Name

Auto Fill

Contact No

Auto Fill

Room No

Auto Fill

Check IN

Auto Fill

Check OUT

Auto Fill

Total Bill

Auto Fill

Advance

Auto Fill

Balance

Auto Fill

Other



Hotel Name

Address

Contact No

Invoice No:

Issue Date:01-01-20222

Customer Details      Contact:

Name :

Contact :

Check IN :

Check OUT :

No of Days:

Room No :

Rs.

*Note: This is computer generated Bill,  
No signature is required*

Check Out

Print

Cancel Booking

| Booking No | Date | Check IN | Check OUT | No of Adults | No of Child | Meal Plan | Room ID | Total | Advance | Balance |
|------------|------|----------|-----------|--------------|-------------|-----------|---------|-------|---------|---------|
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |
|            |      |          |           |              |             |           |         |       |         |         |



## Reports

Customer Mobile No

Search

Print

Delete

Clear

| Booking No | Date | Check IN | Check OUT | No of Adults | No of Child | Meal Plan | Room ID | Total | Advance | Discount | Balance |
|------------|------|----------|-----------|--------------|-------------|-----------|---------|-------|---------|----------|---------|
|            |      |          |           |              |             |           |         |       |         |          |         |
|            |      |          |           |              |             |           |         |       |         |          |         |
|            |      |          |           |              |             |           |         |       |         |          |         |
|            |      |          |           |              |             |           |         |       |         |          |         |
|            |      |          |           |              |             |           |         |       |         |          |         |
|            |      |          |           |              |             |           |         |       |         |          |         |
|            |      |          |           |              |             |           |         |       |         |          |         |
|            |      |          |           |              |             |           |         |       |         |          |         |





# Customer Tasks

## Create a new profile

Title

Name

Contact No

D.O.B

Gender

Drop down box

ID No

Email

Nationality

Address

Username

Password

Confirm PW

Create Account



Register Customer



Customer Registration Successfully  
Customer ID: 000001

OK





# Welcome

Date/Time

Check IN

No of Adults

Check OUT

No of Childs

Search

Sign IN

Close





Profile

Book a room

Booking Details

Sign Out

# Welcome (Customer name)

Date/Time

Check IN

No of Adults

Check OUT

No of Childs

Search



Book

Name

Auto fill

Check IN

No of Adults

Contact No

Auto fill

Check OUT

No of Childs

Meal Plan

Drop down box

Additional price

Comment

Room ID

Search

Price

Auto fill

Total

Auto fill

Room No

Auto fill

Advance

Balance

Book

Clear

| Room ID | Category | No of Guests | Availability | Price |
|---------|----------|--------------|--------------|-------|
|         |          |              |              |       |
|         |          |              |              |       |
|         |          |              |              |       |
|         |          |              |              |       |
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|         |          |              |              |       |
|         |          |              |              |       |





## Functional requirements

REQ1: Customer should be able to search available rooms without login to the system.

REQ2: Customer should be able to create a new account.

REQ3: Customer should be able to log in to the system.

REQ4: Customer should be able to Book rooms.(Customer shouldn't allow to cancel a book)

REQ5: Customer should be able to access his/her profile and change some details like the password.

# MEAL PLANS

- ❖ Room ID should be auto created according to the given room details.  
Ex : if it is a Single , Citi view and consider it is on the third floor and its room number is 2, then we can create an ID like **00001\_SC32**
- ❖ Category : Single,Double,Triple,Quad,Queen,King,Twin,Suite/Executive suite
- ❖ View : City View,Ocean View
- ❖ Price : Average price for one person
  
- ❖ Check IN : 2.00 P.M
- ❖ Check OUT : 12.00 P.M
- ❖ Room only
- ❖ Bed and breakfast : 24 hours room/breakfast
- ❖ Half board : 24 hours room/breakfast & lunch
- ❖ Full board : 24 hours / 3 meals
- ❖ All inclusive : 24 hours room/ 3 meals/other



# CHILD (AGE) POLICY

- ❖  $0 \leq \text{Age} \leq 6$  : No charge
- ❖  $6 < \text{Age} \leq 12$  : Adult charge/2
- ❖  $\text{Age} > 12$  : Adult
  
- ❖ Example : Double bedroom charge = Rs.10,000
  - ❖ One adult should have to pay Rs.5000
  - ❖ Child between age 9 and 12 should have to pay Rs.2500



# TOTAL PRICE CALCULATION

- ❖  $0 \leq \text{Age} \leq 6$  : No charge
- ❖  $6 < \text{Age} \leq 12$  : Adult charge/2
- ❖  $\text{Age} > 12$  : Adult
  
- ❖ Example : Double bedroom charge (Room Only) = Rs.10,000
  - ❖ One adult should have to pay Rs.5000
  - ❖ Child between age 9 and 12 should have to pay Rs.2500
- ❖ Bill amount
  - ❖ Adult rate = room charge / no of persons
  - ❖ Total = (Adult rate + meal) \* (No of Adult) + (Adult Rate + meal) / 2 \* (No of child) + Additional charge
  - ❖ Total bill amount = Total \* Discount





## ROOM CATEGORIES

**1) Single:** A room assigned to one person. May have one or more beds.

The room size or area of Single Rooms are generally between 37 m<sup>2</sup> to 45 m<sup>2</sup>

**2) Double:** A room assigned to two people. May have one or more beds.

The room size or area of Double Rooms are generally between 40 m<sup>2</sup> to 45 m<sup>2</sup>.

**3) Triple:** A room that can accommodate three persons and has been fitted with three twin beds, one double bed and one twin bed or two double beds.

The room size or area of Triple Rooms are generally between 45 m<sup>2</sup> to 65 m<sup>2</sup>.

**4) Quad:** A room assigned to four people. May have two or more beds.

The room size or area of Quad Rooms are generally between 70 m<sup>2</sup> to 85 m<sup>2</sup>.

The room size or area of Triple Rooms are generally between 45 m<sup>2</sup> to 65 m<sup>2</sup>.

**5) Queen:** A room with a queen-sized bed. May be occupied by one or more people.

The room size or area of Queen Rooms are generally between 32 m<sup>2</sup> to 50 m<sup>2</sup>.

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## ROOM CATEGORIES

**5) Queen:** A room with a queen-sized bed. May be occupied by one or more people. The room size or area of Queen Rooms are generally between 32 m<sup>2</sup> to 50 m<sup>2</sup>.

**6) King:** A room with a king-sized bed. May be occupied by one or more people. The room size or area of King Rooms are generally between 32 m<sup>2</sup> to 50 m<sup>2</sup>.

**7) Twin:** A room with two twin beds. May be occupied by one or more people. The room size or area of Twin Rooms are generally between 32 m<sup>2</sup> to 40 m<sup>2</sup>.

**8) Hollywood Twin Room:** A room that can accommodate two persons with two twin beds joined together by a common headboard. Most of the budget hotels tend to provide many of these room settings which cater both couples and parties in two.

The room size or area of Hollywood Twin Rooms are generally between 32 m<sup>2</sup> to 40 m<sup>2</sup>.

**9) Double-double:** A Room with two double ( or perhaps queen) beds. And can accommodate two to four persons with two twin, double or queen-size beds.

The room size or area of Double-double / Double Twin rooms are generally between 50 m<sup>2</sup> to 70 m<sup>2</sup>.

**10) Studio:** A room with a studio bed- a couch which can be converted into a bed. May also have an additional bed.

The room size or area of Studio room types are generally between 25 m<sup>2</sup> to 40 m<sup>2</sup>.






[VIEW PHOTOS \(1\)](#)

## Deluxe Room City Facing


The large rooms are a luxurious retreat in the middle of the city, with captivating views of Colombo's vibrant streets.

 35 Sq Mt

 Complimentary WiFi

 Up to 3 guests

 Queen/Twin

 *Uninterrupted view of the twinkling pool & city*

[ROOM DETAILS ^](#)

**\$ 198\***

Starting Rate/Night

[VIEW RATES v](#)

Reference

