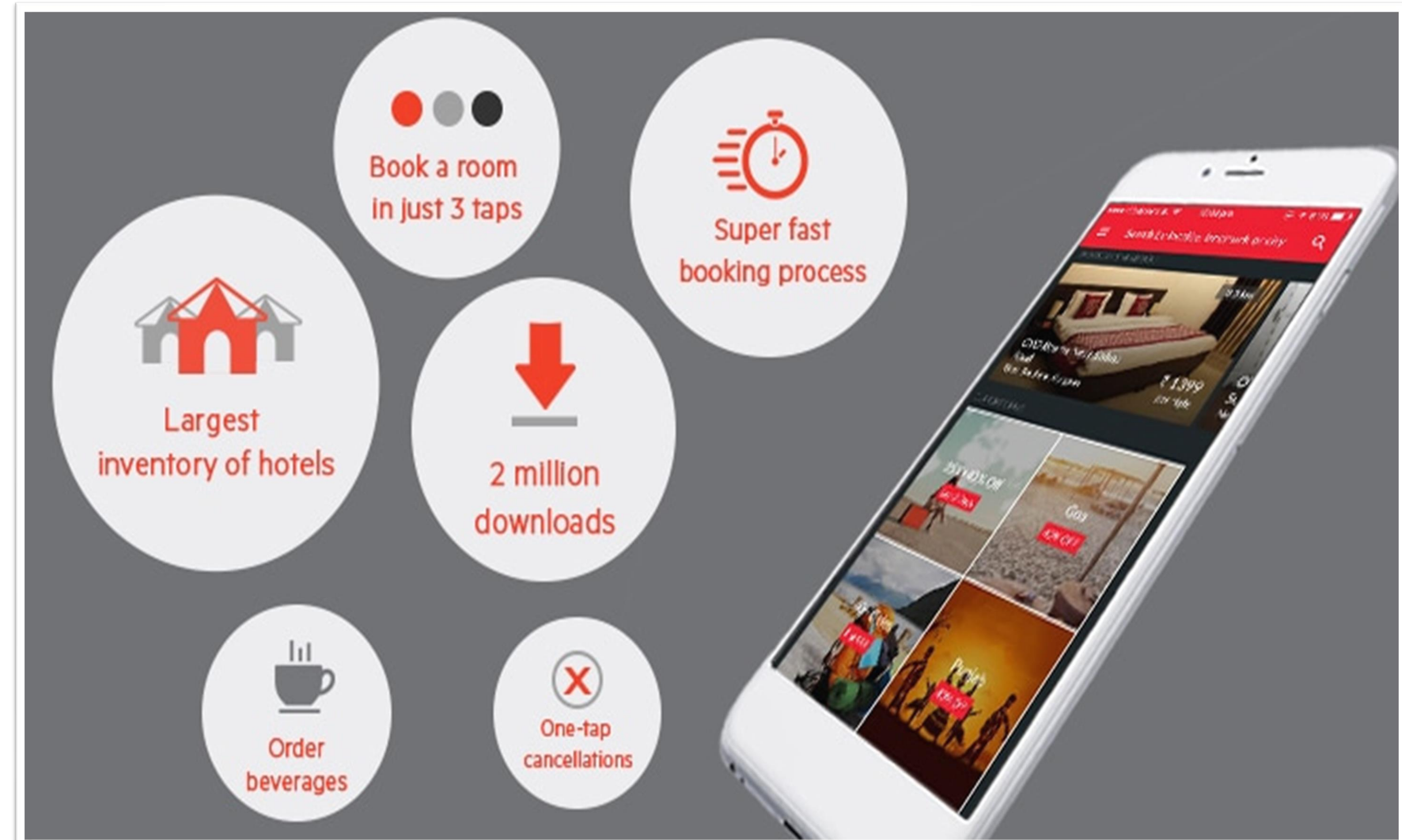# HOTEL MANAGEMENT SYSTEM

HARIKRISHNAN A J | AKASH K | DHANUSH S M | NANDHU KRISHNA M
21011102035 | 21011102045 | 21011102029 | 21011102054
PROJECT GUIDE : DIVYA SAMPATH MAM

SHIV NADAR
UNIVERSITY
CHENNAI

Book a room in just 3 taps
Super fast booking process
Largest inventory of hotels
2 million downloads
Order beverages
One-tap cancellations

FEATURES :

- Front Desk Management
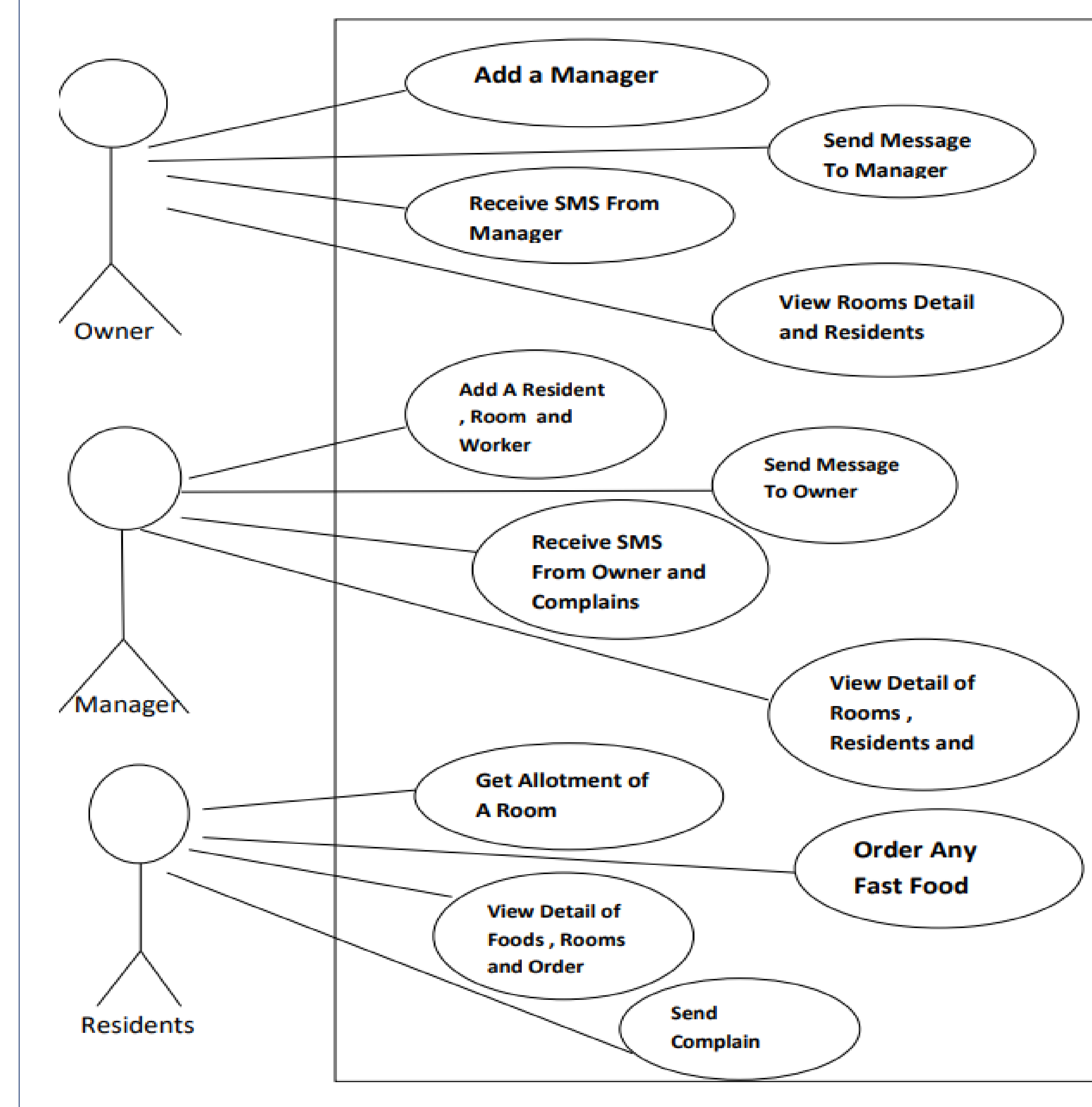- Groups and Allotments
- Rate Management
- Reporting
- Reservation Management

MINI PROJECT 2022

Hotel Management System!

Login!

As Owner of Hotel

As Manager of Hotel

As Customer of Hotel

Use case diagram:

- Owner
  - Add a Manager
  - Send Message To Manager
  - Receive SMS From Manager
  - View Rooms Detail and Residents
- Manager
  - Add A Resident, Room and Worker
  - Send Message To Owner
  - Receive SMS From Owner and Complains
  - View Detail of Rooms, Residents and
- Residents
  - Get Allotment of A Room
  - Order Any Fast Food
  - View Detail of Foods, Rooms and Order
  - Send Complain

Class diagram:

Reservation
id: int
+ amount: string
+ date: string
+ reciept: string
+ update()

Payment
+collatarals: string
+ add()
+ update()

Trasactions
id: int
+ number: int
+ date: string
+ processDebit()

Customer
+ : string
# enableUser()
# disableUser()

Hotel Admin
id: int
+ name: string
+ age: string
+ contactnum: string
- username: string
- password: string
+ create()
+ update()

Rooms
id: int
+ details: string
+ requirements: string
+ date: string
+ update()

Employee
+ credentials: string
+ add()
+ update()

HOTEL RESERVATION

Hotel Management Software
- Booking Engine
- Yield Management
- Channel Manager
- 24*7 Live Support
- Cloud/ On-premise PMS
- White Label Solution

- The system enables easy and fast access to the guest files.
- The system provides better data management facilities
- The system enable online booking of guests into the hotel hence international guests can easily book into the hotel
- The system provides performance evaluation of the employees to ensure maximum output from the employees
- The system provides security measures to access to the hotel's information lowering data security threats.
- The system help reduce the congestion of guests ensuring best service output for customer satisfaction purposes
- Easy update of the guest records. High customer service standards attract more guests to the hotel.
- Reduction of data entry and processing errors.
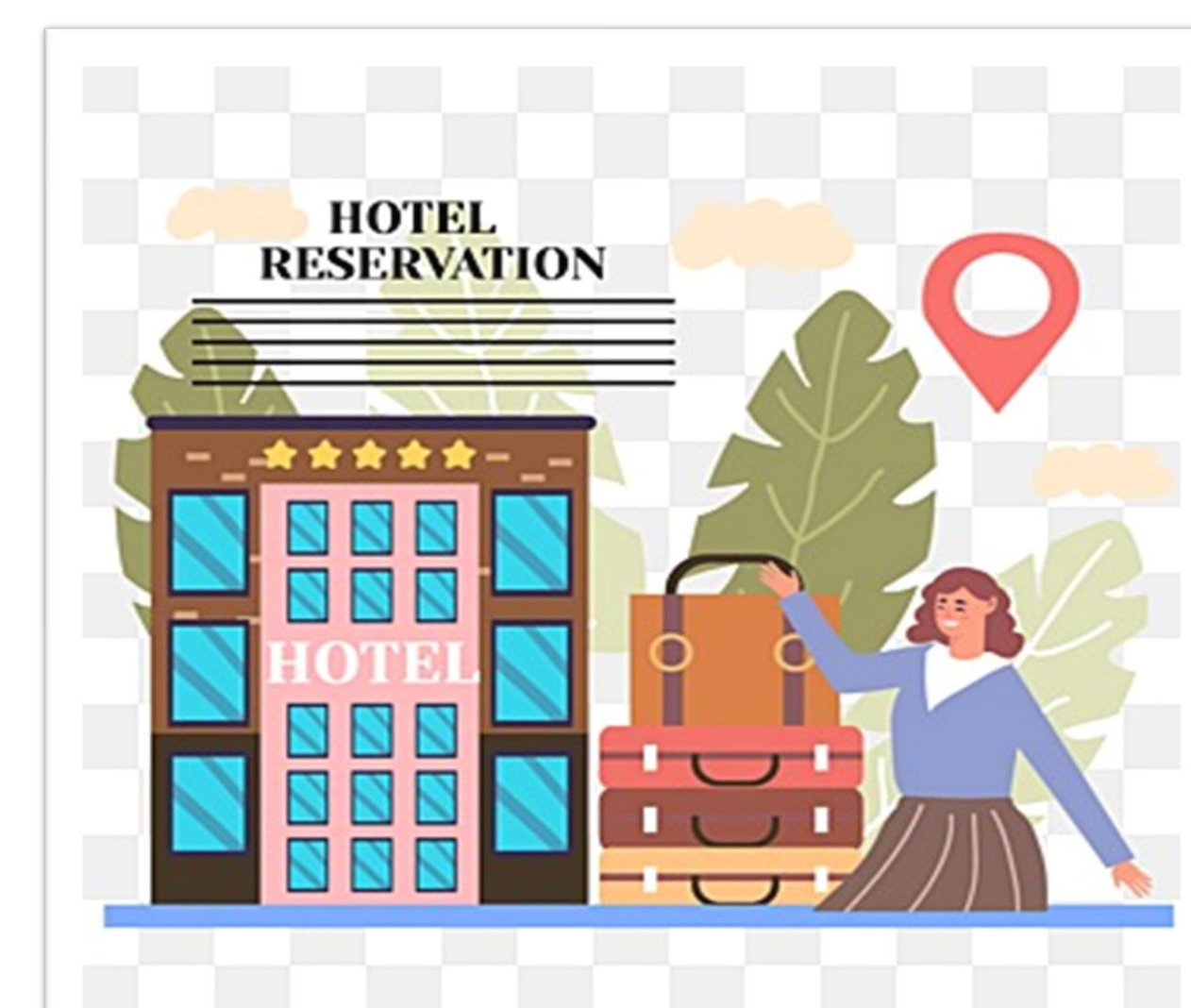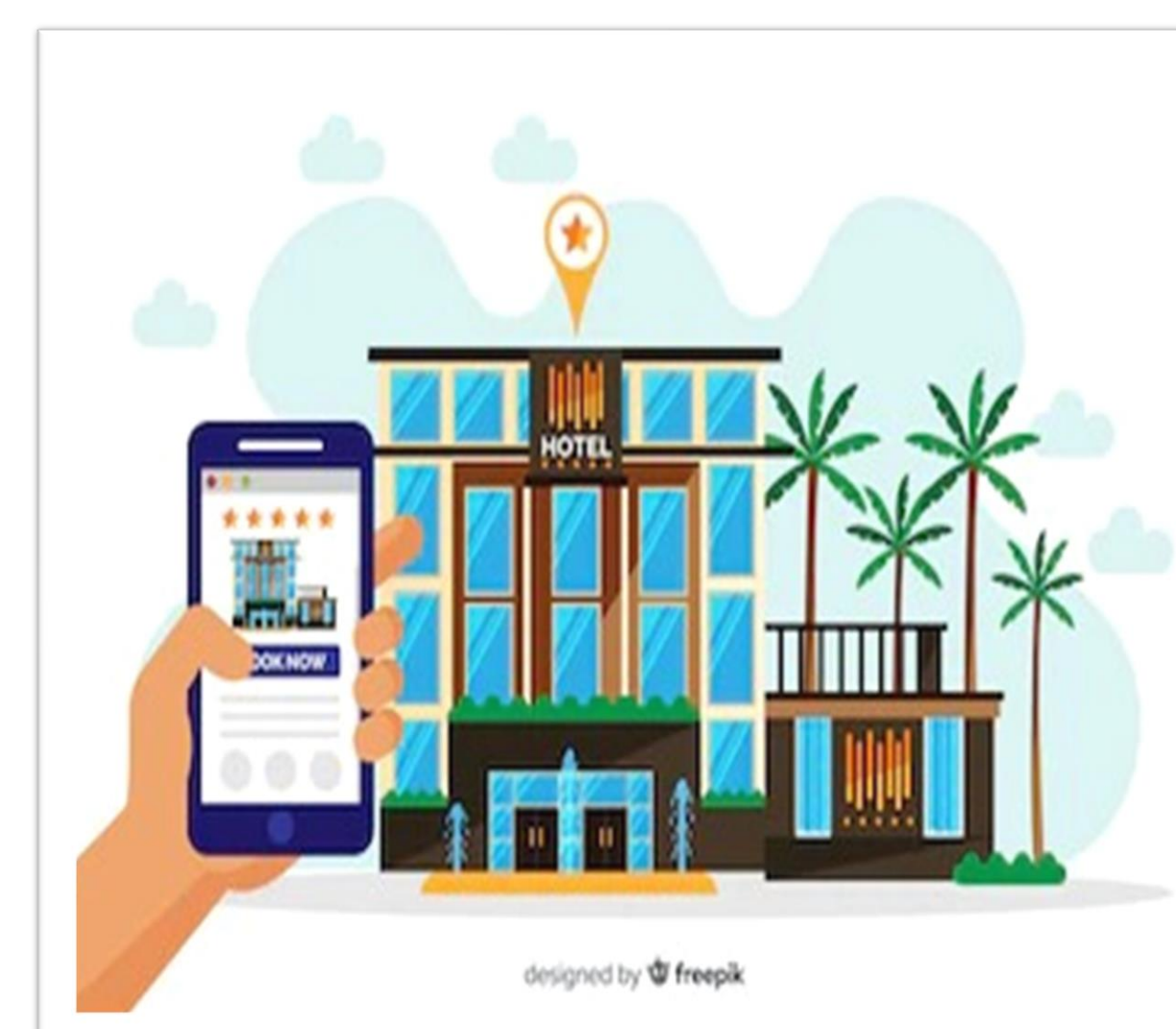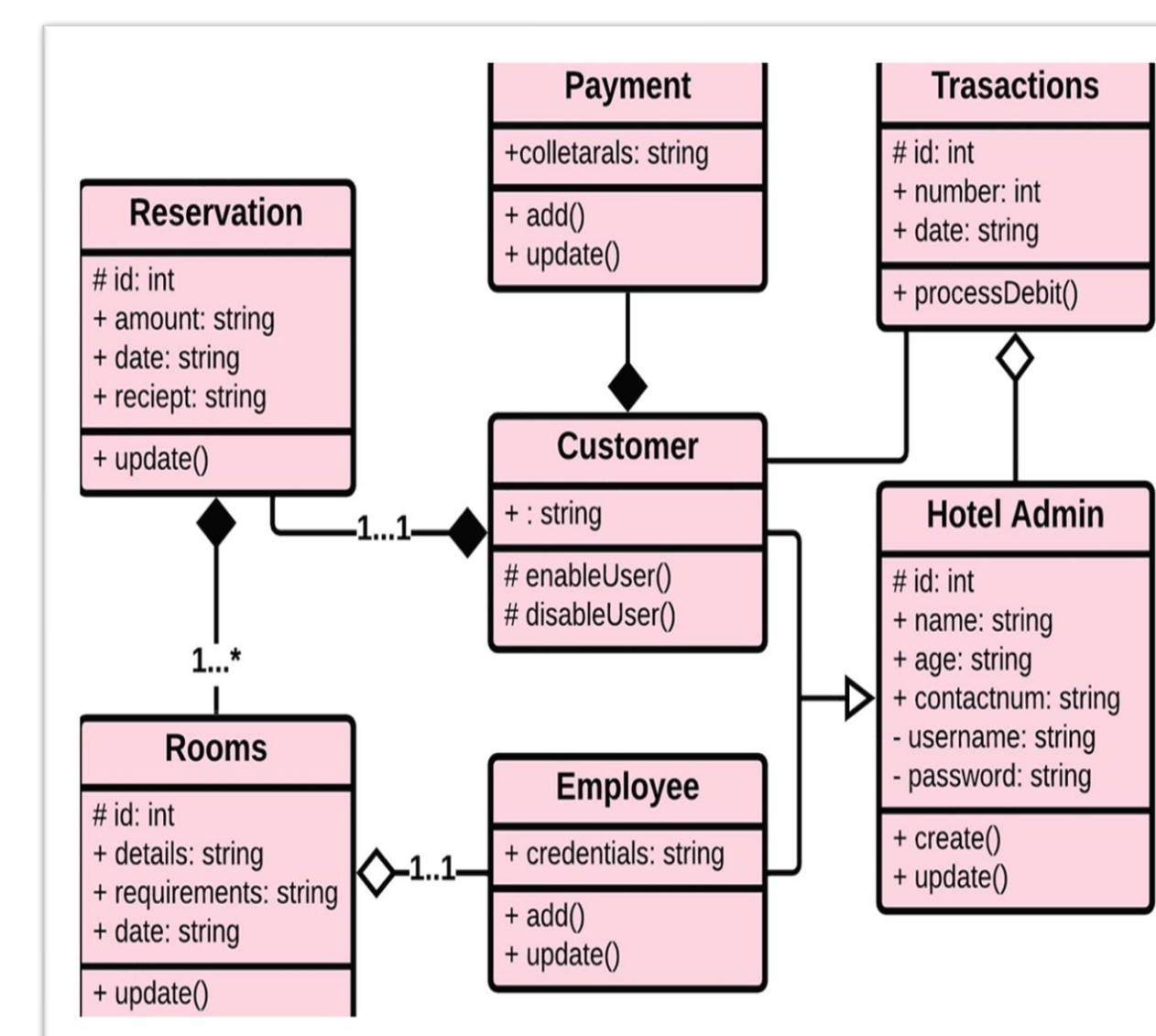- Greatly reduce paper use at the hotel.

PREREQUISITES:

- PYTHON : 3.10.04
- FLASK
- HTML
- CSS
- JAVASCRIPT
- BOOTSTRAP