Darshan University

A Project Report on

"**Hotel Management System**"

Under the subject

Software Engineering (2301CS405)

B. Tech, Semester – IV

Computer Science & Engineering Department

Submitted By

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Academic Year

(2024-2025)

Internal Guide	Dean-DIET
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DECLARATION

We hereby declare that the SRS, submitted along with the **Software Engineering (2301CS405)** for entitled **"Hotel Management System"** submitted in partial fulfilment for the Semester-5 of **Bachelor Technology (B. Tech)** in **Computer Science and Engineering (CSE)** Department to Darshan University, Rajkot, is a record of the work carried out at **Darshan University, Rajkot** under the supervision of R. B. Gondaliya and that no part of any of report has been directly copied from any students' reports, without providing due reference.

PUSHTI MARKANA

Student's Signature : pushti

Date: 23-12-2024

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CERTIFICATE

This is to certify that the SRS on **"Hotel Management System" has** been satisfactorily prepared by **Pushti Markana** (**23010101160**) under my guidance in the fulfillment of the course **Software Engineering (2301CS405)** work during the academic year 2024-2025.

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ACKNOWLEDGEMENT

I wish to express my sincere gratitude to my project guide Prof. R. B. Gondaliya and all the faculty members for helping me through my project by giving me the necessary suggestions and advices along with their valuable co-ordination in completing this work.

I also thank my parents, friends and all the members of the family for their precious support and encouragement which they had provided in completion of my work. In addition to that, I would also like to mention the Darshan University personals who gave me the permission to use and experience the valuable resources required for the project from the University premises.

Thus, in conclusion to the above said, I once again thank the faculties and members of **Darshan University** for their valuable support in completion of the project.

Thanking You

PUSHTI MARKANA

ABSTRACTION

A **Hotel Management System (HMS)** is a software application designed to streamline and automate the operations of hotels and hospitality establishments. It serves as an integrated solution for managing various aspects of hotel administration, including reservations, check-ins and check-outs, billing, customer service, and overall resource management , ultimately aiming to improve guest experience and optimize overall hotel efficiency by centralizing critical information across different departments. The system enhances efficiency, reduces human error, and improves customer satisfaction by ensuring smooth operation of daily activities.

A Hotel Management System is an essential tool that enhances operational efficiency, improves customer satisfaction, and supports the growth of the hotel business by integrating various functions into a seamless, user-friendly platform.

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1 Introduction

1.1 Product perspective

The project , Hotel Management System is a web based application that allows the hotel manager to handle all activities online . Interactive GUI and the ability to manage various hotel bookings and rooms make this System very flexible and convernient.This application gives manager the power and flexibility to manage the entire System from a single online System. These systems are sophisticated software solutions designed to streamline and automate the day-to-day operations of hotels and other hospitality establishments.

1.2 Product features

1.2.1 There are four different users who will be using this product:
- Manager who will be acting as the administrator.
- Customer who will be accessing the Hotel.
- Staff who will be accessing as Employee.
- Transportation Member who will be help Customer in Transport

1.2.2 The features that are required for the Customer are:
- Allow customers to create profiles with personal details (name, contact information, preferences).
- Maintain a history of past stays, room preferences, special requests (e.g., pillow type, floor preference), and loyalty status.
- Display available rooms in real-time to customers.
- Automatic booking confirmations, reminders, check-in instructions, and promotional offers.
- Customers can order room service directly via an app or room tablet.
- Help customers with information regarding local attractions, booking excursions, arranging transportation, etc.

1.2.3 The features that are required for the Staff are:
- Staff members should have access to only the features and data relevant to their roles (e.g., front desk staff, housekeeping, management).
- Allow staff to view and update their work schedules, request time off, or swap shifts.
- Keep track of room statuses (e.g., clean, dirty, maintenance) so that staff can efficiently manage guest rooms.

1.2.4 The Features that are required for the Manager are:
- View and manage real-time room availability and bookings.
- Manage large group bookings, events, and conferences.
- Create invoices for guests and ensure accurate billing for services used.

1.3 Functional Requirement

1.3.1 Manager:

- Login :

  - Input : Manager Code , Contact , Name , Password ,Email .

  - Output : Database Record .

- View Profile :

  -view our profile and collect more details and information .

- Make Reservation :

  -Input: Member Code , Total Person, Check-in date ,Number of Nights.
  -Output : Database Record ,Database fully pop-up.
  -Work Flow : Validate the given details and record the information in to the given time

- Create Bills :

  -Work Flow: Validate the given details and total cost is calculated according to the services gained by the customer.
  -Output :printed version of the bill

- Update Guest :

  - Input : Member Code ,Contact ,Name ,Email ,Address

  -Work Flow : Validate the given details and record the information in to the given database

- Delete Guest :

  - Input : Member Code ,Contact ,Name ,Email ,Address

  - Output : Member has been Deleted by Manager in database

- Add Staff :

  - Input : Employee Code , Contact , Employee Name ,Email ,Address

  - Output : Employee has been Record by Manager in database. Database Record.

- Update Staff :

- **Input** : Employee Code , Contact , Employee Name ,Email ,Address

- **Output** : Employee has been Updated by Manager in database. Database Record.

- **Delete Staff :**

  - **Input** : Employee Code , Employee Id, Contact , Employee Name ,Email ,Address

  - **Output** : Employee has been removed in database. Database Record.

- **View Staff :**

  - **Input** : Employee Code , Employee Id, Contact , Employee Name ,Email ,Address

  - **Output** : View all Employee or staff and also view Specific one Employee details.

- **Set Rates :**

  -**Input:** Chek-out , Check-in date ,Day ,Number of Guests , price.
  -**Output** : Database Record ,Database fully pop-up.

- **Retrive Report :**

  - **Input** : Employee Code , Employee Id, Contact , Employee Name , Employee Salary , Address.
  -**Output** : Database Record ,Database fully pop-up

- **Staff Payment :**

  - **Input** : Employee Code , Employee Id, Contact , Employee Name , Employee Salary , Address.
  -Add staff payment and also pay salary of staff.

1.3.2 Customer:

- **View Check-in Check-out Status :**

    - Input : Customer Code , Contact , Name , Password ,Email .

    - Output : Check Customer's Check-in and Check-out Status.

- **Search Room :**

    - Input : Customer Code , Room Id, Customer Name, Compartment.

    - Output : Search Room from book list.

- **Add Payment :**

    - Input : Cheque No. ,Cradit card No , Amount of Payment ,Discount.

    - Output : Add Payment of that Customer and record in database .

- **View Food Facility :**

    -view Food Facility and variety of available food and also check it's freshness.

- **View Location :**

    - Input : Hotel Name and Address.

    - Output : View Current Location.

- **View Branch :** view Available branch Near by Customer.

- **View Rating :** view Rating of that Hotel given by other Customer.

- **Give Rating :** Give Rating based on their facility.

- **View entertainment Facility :** view Entertainment facility for Guests and Customer.

1.3.3 Staff:

- ### View Customer requirement :

    - Input : Customer Compartment , Servies Room and Centre .

    - Output :   Database Record . and give Servies based on Customer Requirement.

- ### Show Salary :

    - Input : Employee Code , Contact , Name , Password ,Email .

    - Output : Show Salary Status of Employee .

- ### View Cleaning System :

-View Cleaning System or requirement for Customer Rooms and lobby of Hotel.

1.3.4   Transport Member:

- ### View Customer Location :

    - Input : Customer Code , Contact , Name ,Id .

    - Output : Database Record and View Customer Location for Transport.

1.4   Non-Functional Requirement

1.4.1   Usability:
- The UI should be simple enough for everyone to understand and get the relevant information without any special training. Different languages can be provided based on the requirements.

1.4.2   Accuracy:
- The data stored about the customer and the fines calculated should be correct, consistent, and reliable.

1.4.3   Availability:
- The System should be available for the duration when the customer stay and must be recovered within an hour or less if it fails. The system should respond to the requests within two seconds or less.

1.4.4   Maintainability:
- The software should be easily maintainable and adding new features and making changes to the software must be as simple as possible. In addition to this, the software must also be portable.

2 Design and Implementation Constraints

2.1 Use case diagram
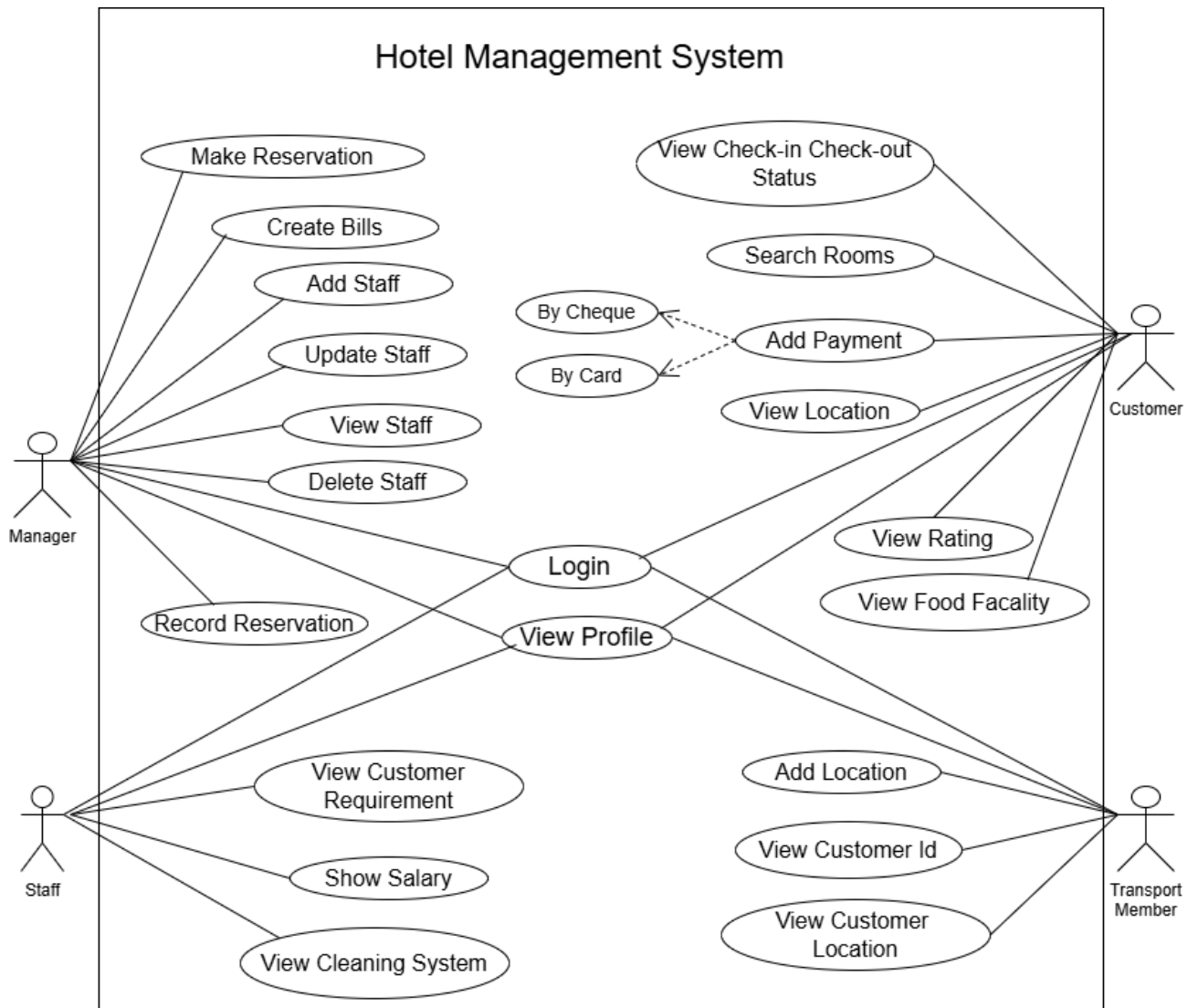
Figure 2.1-1 Use case diagram for hotel management system

2.2 Activity diagram and Swimlane diagram
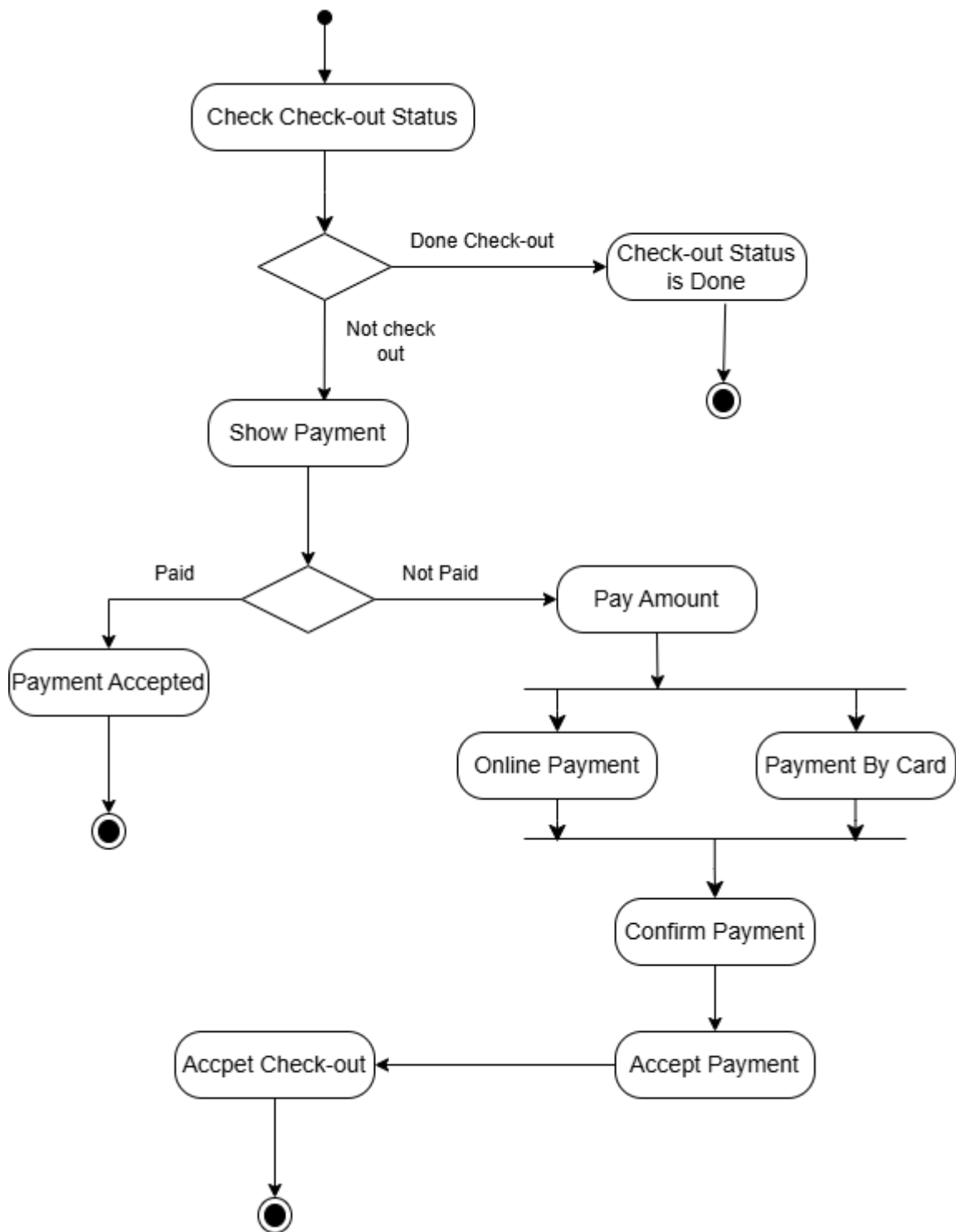
Figure 2.2-1 Activity diagram for check-out Status
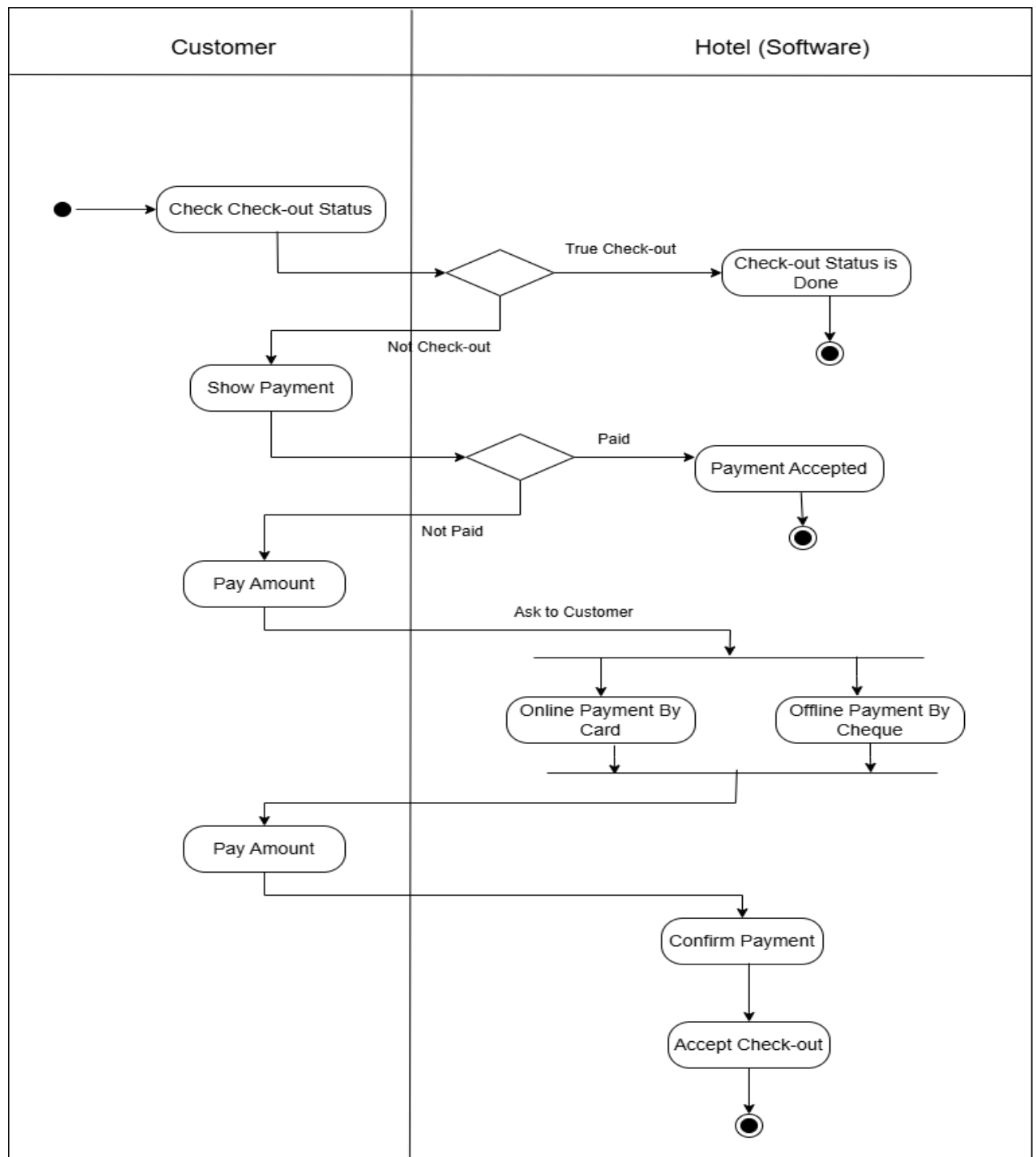
Figure 2.2-2 Swimlane diagram for check-out status

2.3 Sequence diagram
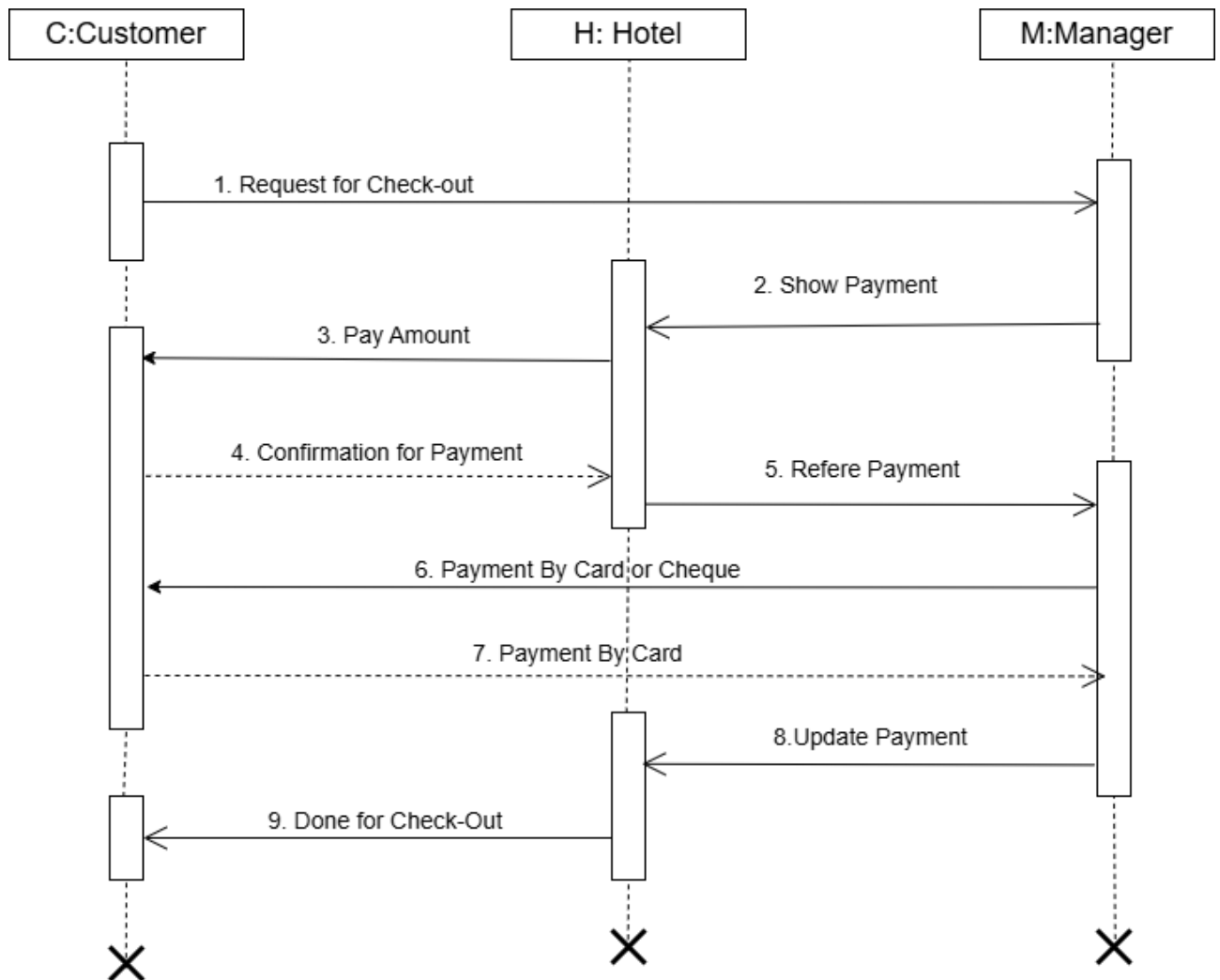
Figure 2.3-1 Sequence diagram for Check-out Status

2.4 State diagram
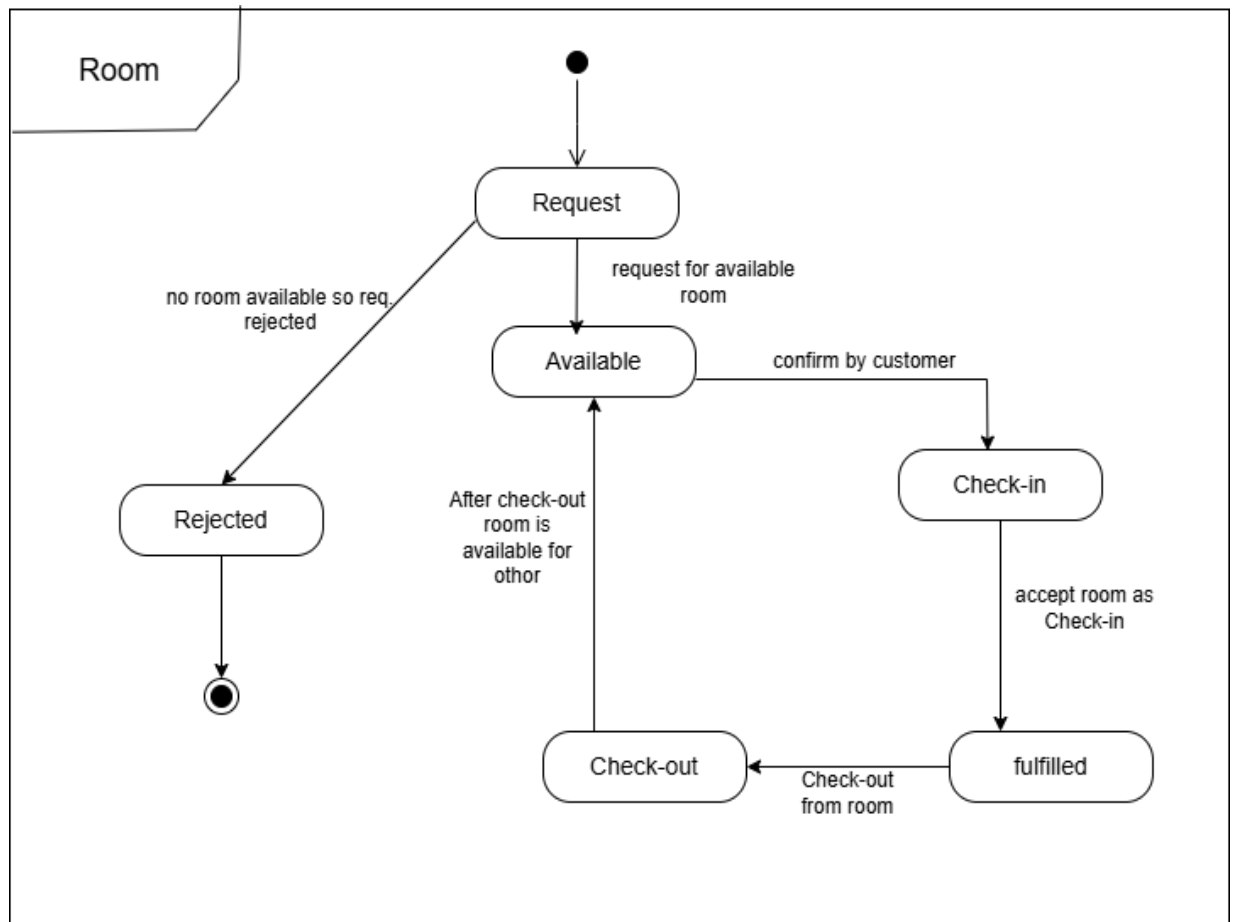
Figure 2.4-1 State diagram of Room

2.5 Class diagram
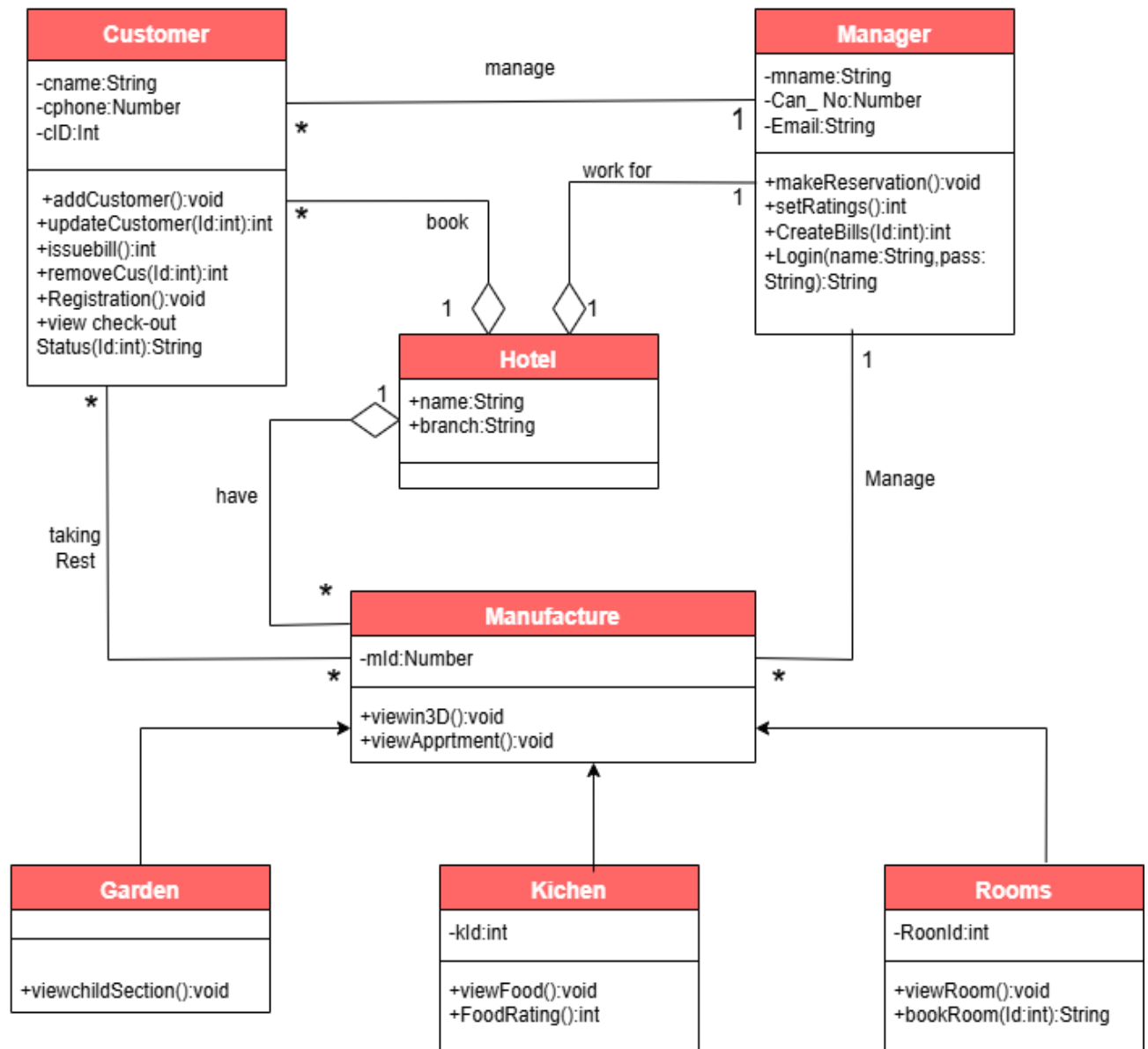
Figure 2.5-1 Class diagram for hotel management system

2.6 Data flow diagram

2.6.1 Context diagram (level-0)
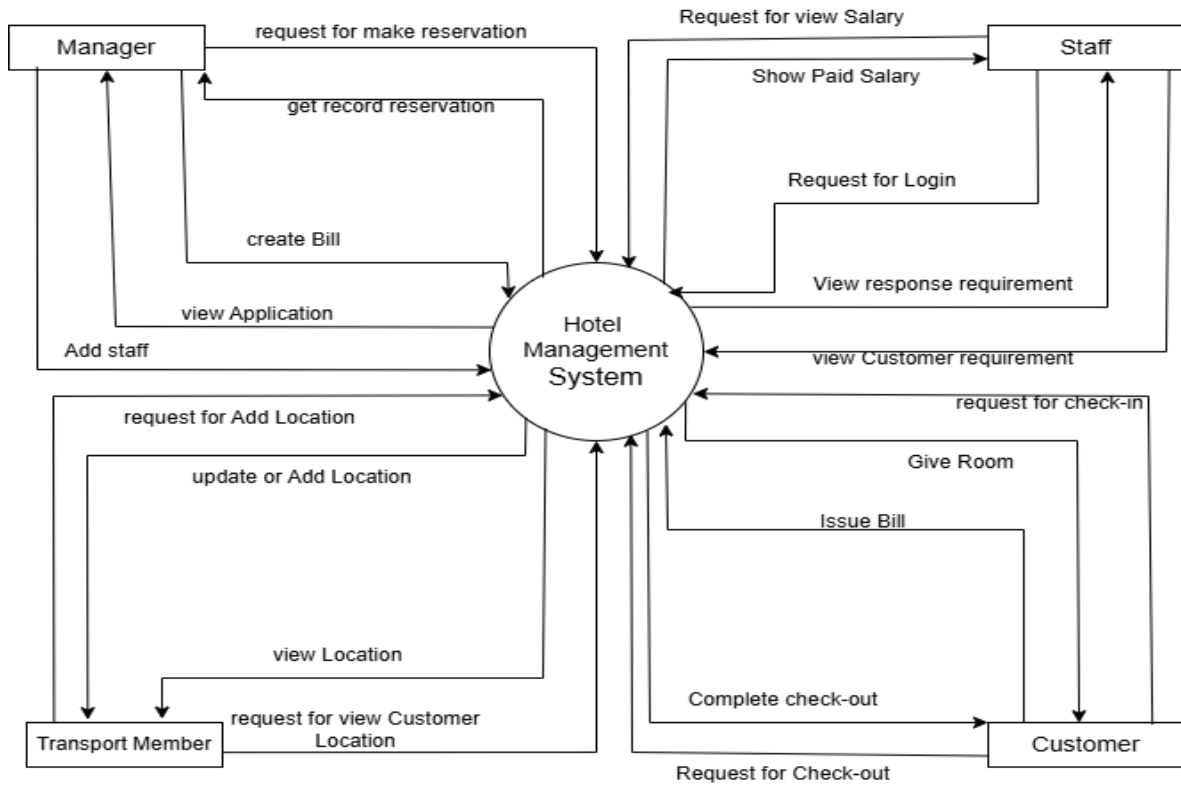
Figure 2.6-1 Context diagram for hotel management system

2.6.2 DFD Level-1
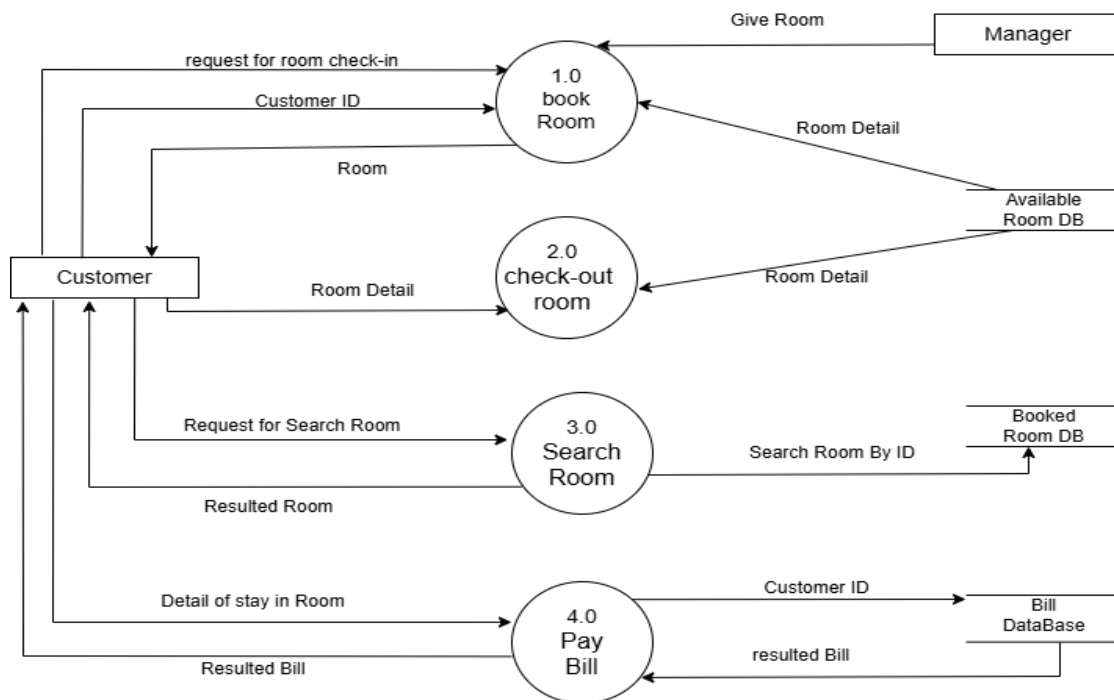
Figure 2.6-2 DFD level-1 for Hotel management system

3 External interface requirement (Screens)

3.1 Screen-1: Hotel Reservation Form

Figure 3.1-1 Screen-1: Reservation Form

Purpose: This form will allow the target end-users to reservation in the system. To register , the following information will be encoded in the system.

Table 3.1-1 Screen element of Reservation form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Full Name	Textbox	M	1	Username field should be editable and accept the Username.
2	Email	Textbox	M	1	Email field should be editable and accept the email with proper format.
3	Phone Number	Textbox	M	1	Phone No. field should be editable and accept the Phone Number and display.
4	Check-in Date	Date	M	1	Check-in Date field should be editable and accept the Date and display as Date format.
5	Check-out Date	Date	M	1	Check-out Date field should be editable and accept the Date and display as Date format.
6	No Room Need	Drop Down	M	1	No. Room Needed field Should be editable and accept Number that select Drop Down.
7	I agree to the terms	Checkbox	M	1	Checkbox for accepting terms and condition.
8	Reserve	Button	------	------	Reserve is a button for store the entered data into database.

3.2 Screen-2: Check-in Form

Figure 3.2-1 Screen-2: Check-in Form

Purpose: This form will be used by the system's users to access records and features of the system. The users will input the correct combination of their room Detail to be able to access room that available to the system.

Table 3.2-1 Screen element of Check-in form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Room No	Textbox	M	1	Room No field should be editable and accept the ID for that Room.
2	Unit	Textbox	M	1	Unit field should be editable and accept the unit of that Room .
3	Price	Textbox	M	1	Price field should be editable and accept that true price of particular Room.
4	Class	Textbox	M	1	Class field should be editable and accept that class (Apartment) of that Room.
5	No. of Bed	Drop Down	M	1	No. of Bed is Drop Down list that refers No. of Bed required by Customer.
6	Date	Drop Down	M	1	Date is Drop Down list that refers Date Chosen by Customer.
7	Check in	Button	------	------	Check-in button navigates to another page even if valid Check-in credentials.

3.3   Screen-3: Payment
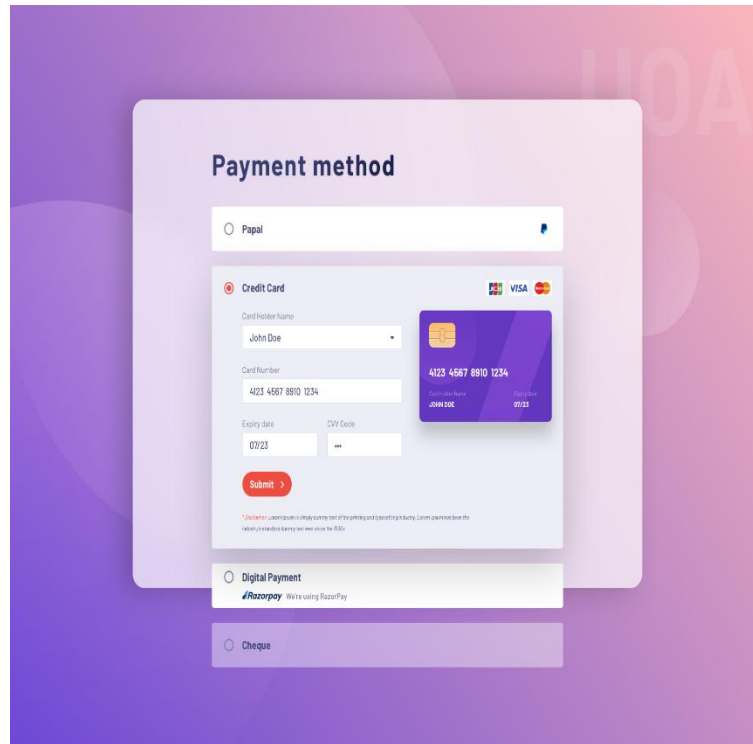
Figure 3.3-1 Screen-3: Payment

Purpose: This module will allow the system administrator to add, edit, update or delete borrowers of book. The admin can add borrower information and manage it.

Table 3.3-1 Screen element of Payment

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Chose Card	Selected	M	1	Chose Card field should be editable and fill the Card Detail.
2	Card Holder Name	Textbox	M	1	Card Holder Name field should be editable and accept The Card Holder Name.
3	Card Number	Textbox	M	1	Card Number field should be editable and accept only Number as 16 Digit Number.
4	Expiry Date	Date	M	1	Expiry Date field should be editable and accept only Date as Last Date.
5	CVV Code	Textbox	M	1	CVV Code field should be editable and accept only Number as 3 Digit Number.
6	Submit	Button	-----	-----	Submit is a button for store the entered data into database.
7	Cancel	Button	-----	-----	Cancel is a button for close add borrower dialog.

3.4 Screen-4: Hotel Feedback Form

Figure 3.4-1 Screen-3: Feedback Form

Purpose: This module will allow the system administrator to add, edit, update or delete borrowers of book. The admin can add borrower information and manage it.

Table 3.4-1 Screen element of Hotel Feedback Form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Rates	Rates	M	1	Rates field should be editable and fill the star with review as form of point.
2	Suggestion	Textbox	O	1	Suggestion field should be editable and fill the Detail and Suggestion given by Customer.
3	Email	Textbox	M	1	Email field should be editable and accept The Email Id of Customer.
4	Submit	Button	-----	-----	Submit is a button for store the entered data into database.

3.5   Screen-5: Staff Application Screen

Figure 3.5-1 Screen-5: Staff Application Screen

Purpose: This module will allow the system administrator to application for Staff or Employee. The admin can add staff information and manage it.

Table 3.5-1 Screen element of Hotel Staff Application Form

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	First Name	Textbox	M	1	First name field should be editable and accept the Username.
2	Last Name	Textbox	M	1	Last name field should be editable and accept the Username.
3	Email	Textbox	M	1	Email field should be editable and accept the email with proper format.
4	Phone Number	Textbox	M	1	Phone No. field should be editable and accept the Phone Number and display.
5	Current Address	Textbox	M	n	Address field should be editable and accept the Address as String.
6	Submit	Button	-----	-----	Submit is a button for store the entered data into database.

3.6 Screen-6: View Profile Screen

Figure 3.6-1 Screen-6 View Profile Screen
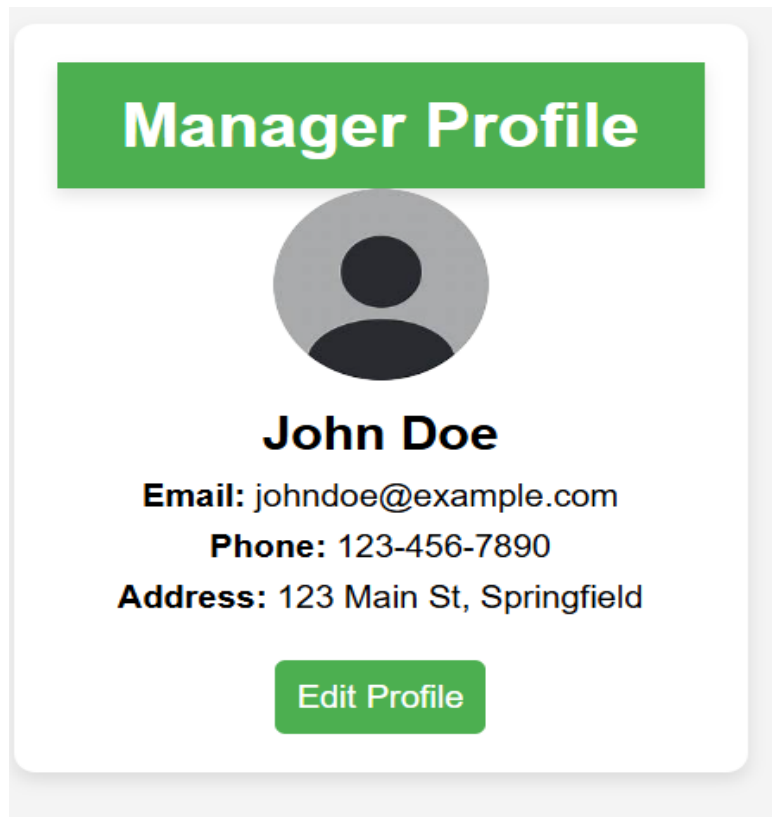
Purpose: This module will allow the system administrator to View Profile for Manager. The admin can view manager profile also.

Table 3.6-1 Screen element of view profile

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Manager Profile	Header	M	1	Title of the profile section.
2	Profile Picture	Image	M	1	Displays a placeholder profile picture.
3	Manager Name	Textbox (Read-only)	M	1	Displays the manager's full name.
4	Email	Textbox (Read-only)	M	1	Displays the manager's email address.
5	Phone	Textbox (Read-only)	M	1	Displays the manager's phone number.
6	Current Address	Textbox	M	n	Address field should be editable and accept the Address as String.
7	Submit	Button	-----	-----	Submit is a button for store the entered data into database.

3.7   Screen-7: View Check-in Check-out Screen

Figure 3.7-1 Screen-7 View check-in check-out Status

Purpose: This module will allow the system administrator to Customer for check their Status. The Customer can add new Check-in and Check-out Status and manage it

Table 3.7-1 Screen element of check-in check-out Status

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Guest Name	Textbox	M	1	Field to enter the guest's name for search.
2	Room Number	Textbox	O	1	Field to enter the room number for search. (Optional)
3	Check-in Date	Datepicker	O	1	Field to select the check-in date for search. (Optional)
4	Check-out Date	Datepicker	O	1	Field to select the check-out date for search. (Optional)
5	Status	TextBox	M	1	Field to initiate the search based on entered criteria.
6	Add new Chececk-in Button	Button	O/M	1/N	Field that new check-in or check-out for customer

3.8 Screen-8: View Customer requirement Screen for Staff

Figure 3.8-1 Screen-8 View Customer requirement screen

Purpose: This module will allow the system administrator to Customer requirement to complete by staff. The staff can add customer information and manage it

Table 3.8-1 Screen element of Customer requirement

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Customer Name	Textbox (Read-only)	M	1	Displays the name of the customer who submitted the requirement.
2	Room Number	Textbox (Read-only)	M	1	Displays the room number associated with the requirement.
3	Requirement	Textbox (Read-only)	M	1	Displays the specific requirement submitted by the customer.
4	Status	Label (with color-coding)	M	1	Displays the current status of the requirement (e.g., Pending, Completed, Canceled).
5	Actions	Button	M	1	Button to allow staff to update the status or take further action on the requirement.
6	Add Requirement	Button	o	1	Button to allow customer for add new Requirement for them.

3.9 Screen-9: View Customer Location Screen for Transport Member

Figure 3.9-1 Screen-9 View Customer Location screen

Customer Location Information (Nearest City to Hotel)

Customer Name	Room Number	Location	Nearest City	State
John Doe	101	Ocean View, 1st Floor	Rajkot	Gujarat
Jane Smith	102	Mountain View, 2nd Floor	vadodra	Gujarat
Michael Johnson	203	Garden View, 1st Floor	Surat	Gujarat
Emily Davis	305	Poolside, 3rd Floor	Ahembdabad	Gujarat

Add New Location

Purpose: This module will allow the system Transport Member to vie customer location. The member can add customer   information and manage it

Table 3.9-1 Screen element of Customer location

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Customer Name	Textbox (Read-only)	M	1	Displays the name of the customer.
2	Room Number	Textbox (Read-only)	M	1	Displays the room number assigned to the customer.
3	Location	Textbox (Read-only)	M	1	Displays the specific location of the room (e.g., Ocean View, 1st Floor).
4	Nearest City	Textbox (Read-only)	M	1	Displays the nearest city to the hotel.
5	State	Textbox (Read-only)	M	1	Displays the state where the hotel is located.

4 Database design

4.1 List of Tables

- Room
- Customer
- Staff
- Manager
- Payment
- Bill

Table 4.1-1 Table: Room

Column	Data Type	Null	Keys & Constrains	Default Value & Description
RoomID	int	NN	PK (Auto Increment)	
ApparmentName	varchar(100)	NN		
FloorID	int	NN		
NoOfBed	int	AN		
AC/NoneAC	Boolean	AN		

Table 4.1-2 Table: Customer

Column	Data Type	Null	Keys & Constrains	Default Value & Description
CustomerID	int	NN	PK (Auto Increment)	
RoomID	int	NN	FK	Reference of Room Table
Check-InDate	DateTime	NN		
Check-OutDate	DateTime	AN		
CustomerName	Varchar(100)	NN		
Email	Varchar(100)	AN		
Contact	number(10,0)	NN		

Table 4.1-3 Table: Staff

Column	Data Type	Null	Keys & Constrains	Default Value & Description
StaffID	int	NN	PK (Auto Increment)	
StaffName	varchar(100)	NN		
IsManager	Boolean	AN		
Designation	varchar(100)	AN		
Email	Varchar(100)	AN		
Salary	Decimal(10,4)	AN		

Table 4.1-4 Table: Manager

Column	Data Type	Null	Keys & Constrains	Default Value & Description
ManagerID	int	NN	PK (Auto Increment)	
ManagerName	varchar(100)	AN		
Gender	varchar(100)	AN		
DOB	DateTime	AN		
Email	Varchar(100)	AN		
Department	varchar(100)	AN		
Contact	number(10,0)	AN		
Decignation	Varchar(100)	AN		

Table 4.1-5 Table: payment

Column	Data Type	Null	Keys & Constrains	Default Value & Description
CardID	int	NN	PK (Auto Increment)	
CustomerID	int	NN	FK	Reference of Customer Table
CardHolderName	varchar(100)	AN		
Amount	decimal(20,4)	NN		
CVV Number	int	NN		
PaymentDate	DateTime	AN		
BillID	int	NN		

Table 4.1-6 Table: Bill

Column	Data Type	Null	Keys & Constrains	Default Value & Description
BillID	int	NN	PK (Auto Increment)	
CustomerID	int	NN	FK	Reference of Customer Table
CustomerName	varchar(100)	AN		
Amount	decimal(20,4)	NN		
Check-inDate	DateTime	AN		
Check-OutDate	DateTime	AN		

5 Stories and Scenario

5.1 Story-1: Book a Room for Customer in Hotel

*Story # **S1***	:	**As a** Customer, **I want to** book a new room in hotel **So that** I can easily find and reserve it.
Priority	:	High
Estimate	:	XL
Reason	:	The ability to book a hotel room is crucial for ensuring seamless customer reservations and an efficient hotel management system.

5.1.1 Scenario# S1.1

*Scenario# **S1.1***	:	Booking a New Room with Valid Information
Prerequisite	:	The hotel receptionist or the customer is logged into the hotel management system.
Acceptance Criteria	:	**Given:** The receptionist/customer is navigated to the room booking page. Valid customer and booking details (such as check-in date, check-out date, room type, and payment details) are entered. **When:** The user selects the "Book Room" option. The user enters valid booking details. The user clicks the "Confirm Booking" button to finalize the reservation. **Then :** The system successfully books the room. A confirmation message is displayed with the booking reference number. The room status is updated to "Reserved" in the system.

5.1.2 Scenario# S1.2

*Scenario# **S1.2***	:	Booking a Room with Invalid Information
Prerequisite	:	The hotel receptionist or the customer is logged into the hotel management system.
Acceptance Criteria	:	**Given:** The receptionist/customer is on the room booking page. **When:** The user selects the "Book Room" option. The user enters incomplete or incorrect booking details (e.g., missing check-in date, invalid payment method). The user clicks the "Confirm Booking" button. **Then :** The system displays appropriate error messages for incorrect or missing information. The room is not booked.

5.1.3   Scenario# S1.3

Scenario# S1.3	:	Attempting to Book a Room That is Already Reserved.
Prerequisite	:	The hotel receptionist or the customer is logged into the hotel management system and is on the room booking page.
Acceptance Criteria	:	**Given**: The room information (room type, availability status, and other relevant details) is available, and the room is already booked by another customer. **When**: The user selects a room that is already reserved. The user attempts to confirm the booking. **Then**: The system prevents double booking and displays a message indicating that the selected room is unavailable.

5.2   Story-2: Search Room

Story # S2	:	**As a**Customer, **I want to** search for an available room in a hotel, **So that** I can easily find a suitable option based on my preferences.
Priority	:	High
Estimate	:	L
Reason	:	The ability to search for available rooms is essential for helping customers make informed decisions before proceeding with the booking process.

5.2.1   Scenario# S2.1

Scenario# S2.1	:	Searching for Available Rooms with Valid Criteria
Prerequisite	:	The hotel receptionist or the customer is logged into the hotel management system.
Acceptance Criteria	:	**Given:** The receptionist/customer is navigated to the room search page. **When:** The user enters valid search criteria such as check-in date, check-out date, number of guests, and room type. The user clicks the "Search" button. **Then :** The system displays a list of available rooms matching the search criteria.

5.2.2   Scenario# S2.2

Scenario# *S2.2*	:	Searching for Rooms with Invalid or Incomplete Criteria
Prerequisite	:	The hotel receptionist or the customer is logged into the hotel management system.
Acceptance Criteria	:	**Given**: The receptionist/customer is on the room search page.
		When: The user enters incomplete or invalid search criteria (e.g., missing check-in date, check-out date earlier than check-in, exceeding max occupancy limit). The user clicks the "Search" button.
		Then: No search results are shown until valid criteria are entered.

5.2.3   Scenario# S2.3

Scenario# *S2.3*	:	Searching for Rooms When No Matching Rooms Are Available.
Prerequisite	:	The hotel receptionist or the customer is logged into the hotel management system and is on the room search page.
Acceptance Criteria	:	**Given**: The user enters search criteria that do not match any available rooms (e.g., all rooms of a selected type are fully booked for the specified dates).
		When: The user clicks the "Search" button. The user clicks the "Search" button.
		Then: The system displays a message stating that no rooms are available based on the selected criteria.

5.3   Story-3: Check-Out Customer from Hotel

Story # *S3*	:	**As** Hotel Employee, **I want** check out a customer from the hotel, **So that** the room can be marked as available for new reservations and the final bill can be settled.
Priority	:	High
Estimate	:	L
Reason	:	The check-out process is crucial for updating room availability, finalizing payments, and ensuring a smooth customer experience.

5.3.1   Scenario# S3.1

Scenario# *S3.1*	:	Successfully Checking Out a Customer
Prerequisite	:	The hotel receptionist/Employee is logged into the hotel management system.
Acceptance Criteria	:	**Given:** The receptionist is on the check-out page, and the customer has a valid booking that is ready for check-out. **When:** - The receptionist selects the customer's booking. - The receptionist verifies any outstanding charges. - The receptionist confirms the payment settlement. - The receptionist clicks the "Check-Out" button. **Then :** The system successfully processes the check-out. The room status is updated to "Available."

5.3.2   Scenario# S3.2

Scenario# *S3.2*	:	Attempting to Check Out a Customer with Unpaid Charges
Prerequisite	:	The hotel receptionist is logged into the hotel management system.
Acceptance Criteria	:	**Given**: The receptionist is on the check-out page, and the customer has outstanding charges. **When**: The receptionist selects the customer's booking. The receptionist attempts to check out without settling the pending charges. **Then**: The system prevents the check-out process. An alert is displayed, indicating that payment must be completed before check-out.

5.3.3   Scenario# S3.3

Scenario# *S3.3*	:	Checking Out a Customer from a Room That is Already Checked Out
Prerequisite	:	The hotel receptionist is logged into the hotel management system.
Acceptance Criteria	:	**Given**: he room associated with the booking has already been checked out. **When**: The receptionist attempts to check out the customer again. **Then**: An error message is displayed, stating that the customer has already checked out.

6 Test cases

Project Name:	Hotel Management	Test Designed by:	PUSHTI MARKANA
Module Name:	View Profile	Test Designed date:	12-02-2025
Release Version:	1.0	Test Executed by:	R. B. Gondaliya
		Test Execution date:	15-03-2025

Pre-condition: Web site should be accessible				
Test Case ID	Test Title	Test Type	Description	Test Case ID
TC_001	Login to page with valid credential	Functional	Login to Hotel management system page through valid credential	TC_001
TC_002	Login to page with invalid credential	Functional	Login to Hotel management system page through invalid credential	TC_002

Test Case Title	Profile Page with valid credential
Test Type	Functional
Test Priority	High
Pre-condition	User should be Properly login

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	BUG ID
1	Access to View Profile Page	The Page launched properly	Page launched successfully	Pass		Page in website	
2	Enter valid Username in username field	Username field should be editable and accept the Username	Username input accepted	Pass		Username: PushtiMarkana	
3	Enter valid Email id	Email id field should be editable and accept the email id	Email Address input accepted	pass		Email: pushti@gmail.com	
4	Enter Phone	Phone field should be editable and accept the phone	Phone 10 digit input is accepted	pass		Phone:1234567890	
5	Enter valid Password in Password field	Password field should be editable and accept the password and display as star or dot	Password input displayed in dot and accepted	pass		Password: rbgondaliya	
6	Click on Submit button	User should view to profile and navigated to Profile	User navigated to profile and username should br display in top of the right side.	pass			

Test Case Title	View Profile page with invalid credential
Test Type	Functional
Test Priority	Medium
Pre-condition	View Profile page can acceible

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Verify that User is not able to profile with invalid Username and invalid Password	Should be display an error message enter wrong username or password	Display an error of wrong username and password	Pass			
2	Verify that User is not able to Login with Valid Username and invalid Password	Should be display an error message enter wrong password	Display an error of wrong password	Pass			
3	Verify that User is not able to Login with invalid Emailid	Should be display an error message enter wrong email	Display an error of worng Email	fail	performa a validation function fix it		
4	Verify that User is not able to Login with invalid Username and Valid Password	Should be display an error message User not found	Display an error Username not found	Pass			
5	Verify that User is not able to Login with blank Username or Password	Set required field validation message for Username and Password	Display an error of wrong username and password	Fail	Not performa a validation function fix it		Bug_002

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Project Name:	Hotel Management	Test Designed by:	PUSHTI MARKANA
Module Name:	Reservation	Test Designed date:	12-02-2025
Release Version:	1.0	Test Executed by:	R. B. Gondaliya
		Test Execution date:	15-03-2025

Pre-condition: Web site should be accessible				
Test Case ID	Test Title	Test Type	Description	Test Case ID
TC_001	Reservation with valid credential	Functional	Reservation to Hotel management system page through valid credential	TC_001
TC_002	Reservation with invalid credential	Functional	Reservation to Hotel management system page through invalid credential	TC_002

Test Case Title	Reservation with valid cradital
Test Type	Functional
Test Priority	Medium
Pre-condition	Web application should be accessible

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Launch application with the given url	The site launched properly	Site launched successfully	Pass		https://accounts.google.com/Servicereservation	
2	Verify that the login screen and verify that any room is available in Hotel	All listed control displayed properly on the page and room is Available for Customer	Reservation page loaded successfully and show the rooms id.	Pass			
3	Verify is customer is already login	All Data about Customer like user and pass is correct	Cursor focus in Room id	Pass			
4	Click Button and Verify Email, Password ,Username and id and other Information	Make the reservation of room for customer and he book the room	Customer is book the room	Fail			

Test Case Title	Reservation with Invalid cradital
Test Type	Functional
Test Priority	Medium
Pre-condition	Web application should be accessible

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Verify that User is not able to reservation in Hotel	Should be display an error message enter	Display an error of wrong for Do not Reservation	Pass			
2	Verify that User is not able to Login with Valid Username and invalid Password	Should be display an error message enter wrong password	Display an error of wrong password	Pass			
3	Verify that User is not login in websit for Reservation	Should be display an error message enter Please login before Reservation	Display an error of login	fail			
4	Verify that Email Address isvalid	Should be dispay an error message enter Valid Email	Display an error for Valid Email	Pass			B2_002

7 References

- http://www.w3schools.com/html/html_intro.asp
- https://www.w3schools.com/php/default.asp
- https://www.javatpoint.com/uml