



**Sri Lanka Institute of Information Technology**

## **Hotel Management System**

### **FINAL PROJECT REPORT**

**Information Technology Project (IT2080)  
2022**

**WD\_B02\_ITP\_G12**

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**27/05/2022**

## **Declaration**

We declare that this project report or part of it was not a copy of a document done by any organization, university any other institute or a previous student project group at SLIIT and was not copied from the Internet or other sources.

## **Project Details**

Project Title	<b>Hotel Management System for ‘Hotel Peacock Corridor’</b>
Project ID	<b>WD_B02_ITP_G12</b>

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## **Abstract**

This project is an Online Hotel Management System designed for the client “Hotel Peacock Corridor” which is located at Udawalawe, Sri Lanka. This system is designed in such a way that the client could keep track of all aspects of the business process such as **Booking and Reservations, Customers, Suppliers, Stock, Human Resources, Food, Finance, Tour, and Feedback Management** under one centralized system efficiently.

Moreover, the system maintains a proper record of all aspects of the organization and enables report generation ensuring the possibility to review business performances and keep track of the business statistics. The system also helps in the reduction of manual operations ensuring flawless and accurate business activities.

So, the overall system provides solutions to the problem statements, thus making the business process efficient and easy.

## **Acknowledgement**

We would like to express our sincere gratitude to all those who helped us throughout in completing this project successfully.

Special gratitude to the Sri Lanka Institute of Information Technology for taking measures to provide their guidance in starting the project, constant supervision, and support. Also, a special thanks go to Ms. Archana Kugathasan, the lecturer in charge and Mr. Nipun Usватте, the supervisors in charge of the group for their continuous guidance throughout this project.

Special gratitude goes to the Manager of Hotel Peacock Corridor for giving us this opportunity and spending his valuable time on behalf of this project. A special thanks go to our colleagues who willingly helped us with their gained knowledge.

## Table of Contents

Declaration .....	1
Abstract .....	2
Acknowledgement.....	3
1. Introduction.....	6
1.1 Problem Statement .....	6
1.2 Product Scope.....	7
1.3 Structure of the rest of the project report .....	10
2. Methodology .....	11
2.1 Requirement Analysis.....	11
2.2 Design .....	12
1. Supplier Management.....	12
2. User Management.....	16
3. Customer and Booking Management.....	18
4. Finance Management.....	20
5. Resource Management .....	23
6. Catering Management.....	25
7. Human Resources Management .....	27
8. Tour Management.....	29
9. Feedback Management.....	31
10. Inventory Management.....	31
2.3 Implementation.....	33
Supplier Management .....	33
Customer and Booking Management .....	38
Finance Management.....	43
Resource Management .....	47
Catering Management.....	53
Human Resources Management .....	56
Tour Management.....	58
Feedback Management.....	59
Inventory Management.....	60
2.4 Testing .....	67
Supplier Management.....	67

User Management.....	72
Finance Management.....	76
Resource Management .....	80
Catering Management.....	83
Human Resource Management.....	88
Tour Management.....	98
Inventory Management.....	102
3. Evaluation.....	106
3.1    Assessment of the project results .....	106
3.2    Lesson Learned.....	106
3.3    Future Work.....	107
4. Conclusion .....	108
Appendix A: High level architecture diagram.....	109
Appendix B: Entity Relational Diagram.....	110
Appendix C: Selected Code Listings.....	111

## **List Of Figures**

Figure 1 - 2.2 Use Case Diagram - Supplier Management .....	12
Figure 2 - 2.2 Activity Diagram- Login as supplier - Supplier Management.....	12
Figure 3 - 2.2 Supplier Add Material - Supplier Management .....	14
Figure 4 - 2.2 Activity Diagram -Add material- Supplier Management.....	15
Figure 5 - Use Case Diagram - User Management .....	16
Figure 6 Activity Diagram .....	17
Figure 7 - 2.2 Use Case Diagram, Customer and Boking Management.....	18
Figure 8- 2.2 - Activity Diagram, Customer and Booking Management .....	19
Figure 91.1 Use Case Diagram, Inventory .....	32
Figure 101.2 Activity Diagram, Inventory .....	33
Figure 11 8. Add Item to the purchase order page .....	66
Figure 12 9. Purchase Order – Actions page .....	66
Figure 14 10. Purchase order printing UI .....	67
Figure 15 Appendix A: High level architecture diagram.....	109
Figure 16 Appendix B ER Diagram.....	110

## **List Of Tables**

2.4 Testing Table 1 Supplier Register to the hotel system .....	67
2.4 Testing Table 2 Update Supplier Details .....	69

2.4 Testing Table 3 Update Manager Details .....	72
2.4 Testing Table 4 Customer Register to the system .....	74
2.4 Testing Table 5 Finance Management Salary Details Adding .....	76
2.4 Testing Table 6 Finance Management Salary Details Update.....	78
2.4 Testing Table 7 Update Resource Details.....	80
2.4 Testing Table 8 Add New Resource .....	82
2.4 Testing Table 9 Creating food item .....	84
2.4 Testing Table 10 Edit Food Items.....	86
2.4 Testing Table 11 Input employee data function in Employee Management System .....	88
2.4 Testing Table 12 Search employee details for employee management system.....	94
2.4 Testing Table 13 Add new tour package to the system .....	98
2.4 Testing Table 14 Update tour packages in Tour Management System .....	100
2.4 Testing Table 15 Create Inventory Item .....	102
2.4 Testing Table 16 Delete Item from Inventory .....	104

## **1. Introduction**

### **1.1 Problem Statement**

When the team probing into ‘Hotel Peacock Corridor’, a lot of issues and problems currently existing were identified, and this causes inefficiency in many related sectors in the hotel. All the essential tasks such as booking, front desk, catering, maintenance, employee management, tours, inventory, billing, invoicing, and reporting are being done manually.

Firstly, the team noticed that there was no proper mechanism to ensure smooth communication between the customers and the management, and this would highly affect the satisfaction of customers. The current activities carried out in managing the hotel has aroused many problems in terms of efficiency and wastage of time. A need for a proper management system was necessary for the hotel. As requested by the client, the team analyzed the hotel’s activities and discovered a serious need for a proper management system. Some of the major concerns that must be contemplated on are listed as follows:

- There is no proper mechanism to update the customers on hotel reservation, special events, recourses, tour packages and food menus. Therefore, there is poor customer acknowledgement. And providing reservations of rooms, tour packages and meals, and checking the availability and tracking the tasks that take place was a hard task to manage manually.
- Customer feedback also plays an important role in the growth of a business. Even though the owner receives opinions from close customers, this may be biased as there is no mechanism to collect overall feedback, causing the hotel to rely on false assessments.
- There is no proper maintenance in the management of customers, suppliers and employee details as the records are being kept manually. Therefore, there are difficulties in handling paperwork documentations of employee, supplier, and customer registrations and tasks related to them.
- The profit was running low due to poor management of handling the financial reports and there was a lot of invoices missing when generating the reports and statements.
- The inventory management department faced many conflicts such as paying for damaged goods and things that never arrived, rushed panicked and last-minute purchases, inaccurate data and increased amount of damaged, spoiled, and expired inventory. This ended with conflicting supplier customer Relations.

## **1.2 Product Scope**

After analyzing the requirements, issues and problems that are faced by the client due to handling tasks manually, from simplest tasks such as booking rooms for customers to major tasks such as managing employees and finances, as a team the web-based application was designed in such a way to prevent and overcome all the problem statements addressed by the client adding some extra value to fulfill the functional and non-functional requirements of the entire system efficiently.

The system gives an ideal solution for the problems addressed by the client, by separating the functionality management into nine individual sectors such as Supplier Management, Inventory Management, Customer and Booking Management, HR Management, Resource Management, Finance Management, Catering Management, Feedback Management and Tour Management which ensures that all aspects of the system are equally analyzed and regulated to reduce errors and increase system efficiency.

The system is assessed in terms of three main users: Manager, Supplier and Customer. With concern to the problem statement, the administrator and user privileges are analyzed thoroughly to provide a well

secured system access providing timely information. The user is privileged to handle their profile according to their needs and is facilitated to perform any timely changes in their profile in few simple steps.

More priority has been given in providing a good user experience to the customer from the beginning of registration till the end of providing feedback. Booking management is handled in such a way that the customer finds it very convenient to view the available rooms, resources, packages with facilities such as rapid search with sorted category, reserve and remove rooms, view, order and cancel meals from the catering department according to their priority and order summary confirmations thus providing a personalized and great user experience.

The system is designed in such a way that the Human Resources management is completely automated along with the presence of the facility for the user to manipulate the employee's information from the day of their recruitment. Finance management sector of the system is developed to manage the paysheets of the employees where the finance manager can view, create, delete, update, and search the salaries corresponding to a particular employee in a well-organized manner.

To ensure that the business process is available constantly, Inventory Management is handled with steps to ensure error free stock entries and preventing data duplication. In the aim of carrying out the business process without any stock deficit, stock reorder levels are assessed from time to time ensuring administrator is notified at the right time regarding stock re shelving and stock deficit.

Good supplier and business relationship are aimed to be managed as a part of Supplier Management. Keeping track of the active supplier details and details of cash transactions related to the supplier helps the user gather evidence regarding business transactions. It also helps the user make better business choices as the qualitative and timely goods produced by the suppliers play a vital role in running the business process successfully.

All the users are facilitated to insert, update, delete and search necessary data according to their priority while being instructed precisely to ease the daily business processes. Necessary steps has also been implemented to generate automated reports regarding the various sectors of the company, thus enlightening the owner of the business to take better decisions in spite of the betterment of the business process in future activities .Ultimately, immense effort has been put forward to implement the system such that major manual processes of the system are completely transformed into automated processes to ensure

that the system makes the business process flexible, error free and convenient where the owner is privileged to view all business sectors merely as one centralized system.

### **1.3 Structure of the rest of the project report**

The project report is partitioned into four main chapters illustrating the software development lifecycle of the hotel management system developed for " Hotel Peacock Corridor", where the first chapter provides a brief introduction of the product designed with reference to content such as the problems within the existing system and how the team have designed the product in order to overcome the problem statements.

Methodology which is the vital phase followed throughout the project progress including the phase of analyzing the product requirements, design, implementation, and testing are elaborated under the second chapter of the report. Design phase is illustrated using high level design diagrams such as use case diagrams, activity diagrams and sequence diagrams accompanied with the GUI implemented for individual functionalities whereas the implementation phase provides a brief idea about the choice of DBMS, programming language, platforms and tools used to implement the system in a productive and user-friendly manner.

Chapter three provides a brief idea about the final evaluation of the End Product addressing the lessons learned at the end of the product completion and the future work to be carried to enhance the product quality.

The latter part of the report consists of the conclusion, references, and appendices. The design diagrams illustrating the system behavior as a whole and as individual working functionalities, individual test results and additional code listings are attached to the appendix as three sections namely A, B and C, respectively.

## **2. Methodology**

### **2.1 Requirement Analysis**

The team chose to visit the client's hotel as the first stage after confirming the client for whom the product is to be produced, to talk and acquire information about the client's requirements for the system to be constructed. The main idea of the business environment the client is dealing with was studied during the client meeting, and interaction between the team and the company's top-level employees was fostered. Three strategies were used to collect requirements.

- Interviews
- Observations
- Brainstorming

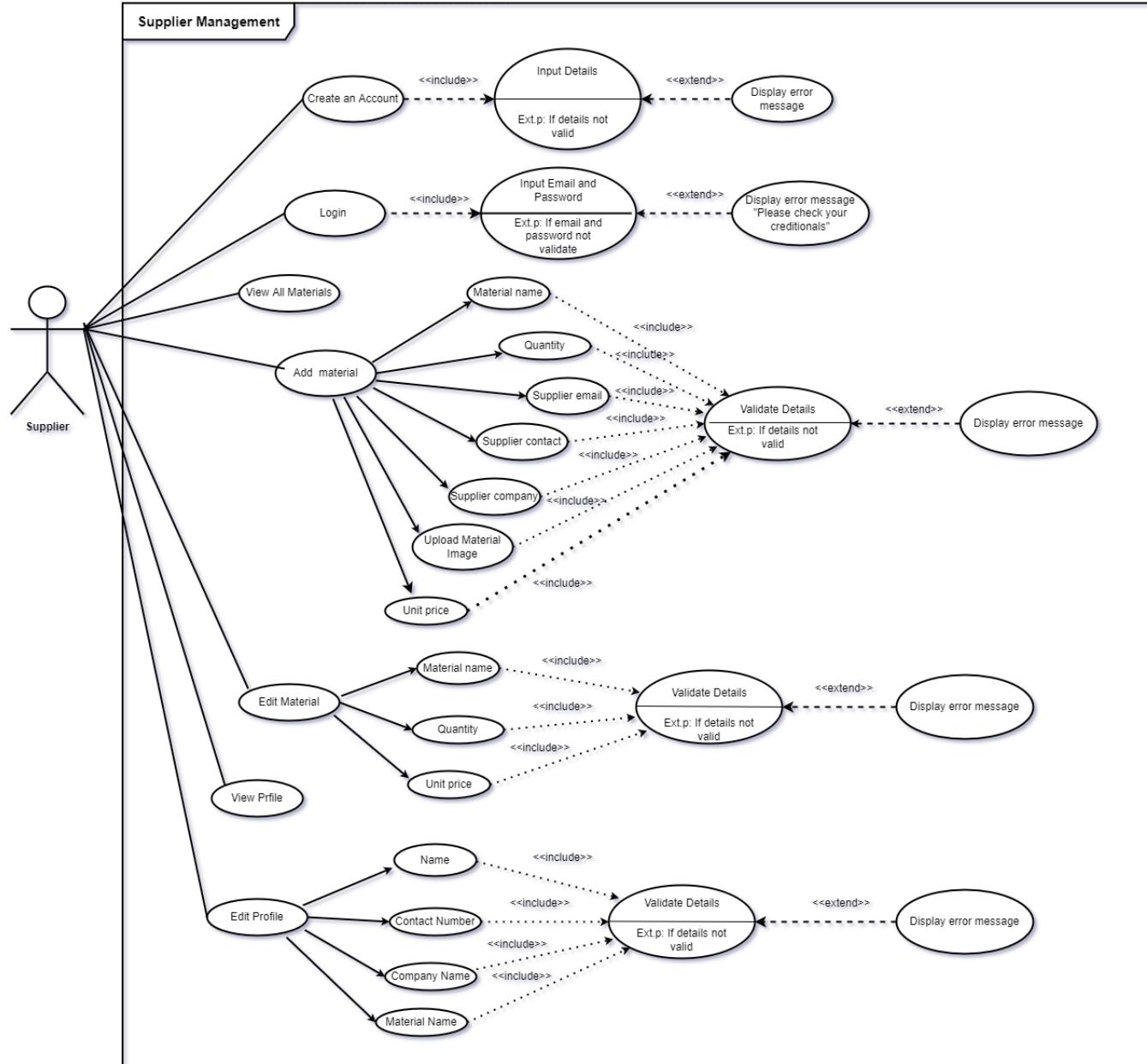
Following the customer and department heads' interview sessions, a thorough and swift grasp of the client's requirements was achieved. The customer allowed the team to observe and experience the company's current working method for this aim. This allowed for a better knowledge of the client's needs as well as the constraints of the existing system. As previously stated, a brainstorming session was convened to clear up any lingering questions about the new system being created. Finally, the requirements were confirmed and clarified, allowing the requirements to be documented.

## 2.2 Design

### 1. Supplier Management

#### 1. Use Case Diagram

Figure 1 - 2.2 Use Case Diagram - Supplier Management



#### 2. Activity Diagram

Figure 2 - 2.2 Activity Diagram- Login as supplier - Supplier Management

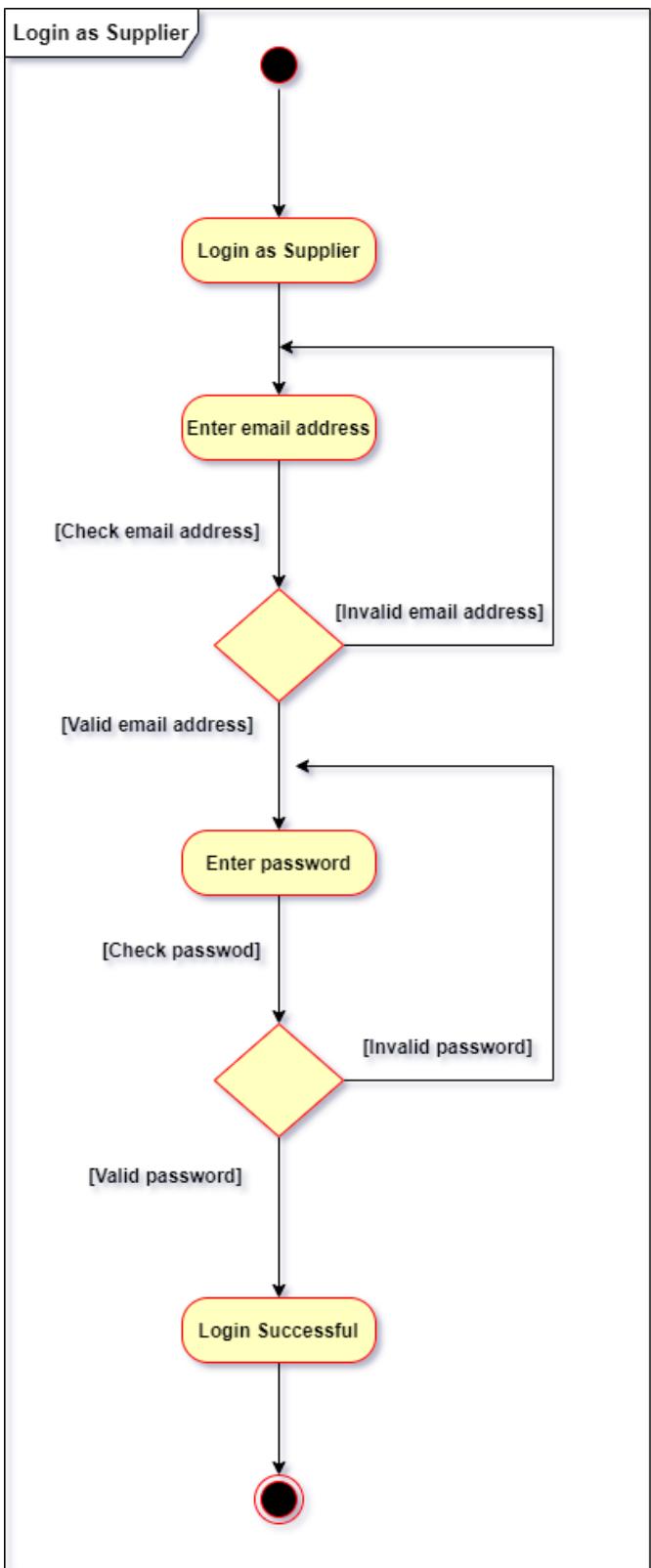


Figure 3 - 2.2 Supplier Add Material - Supplier Management

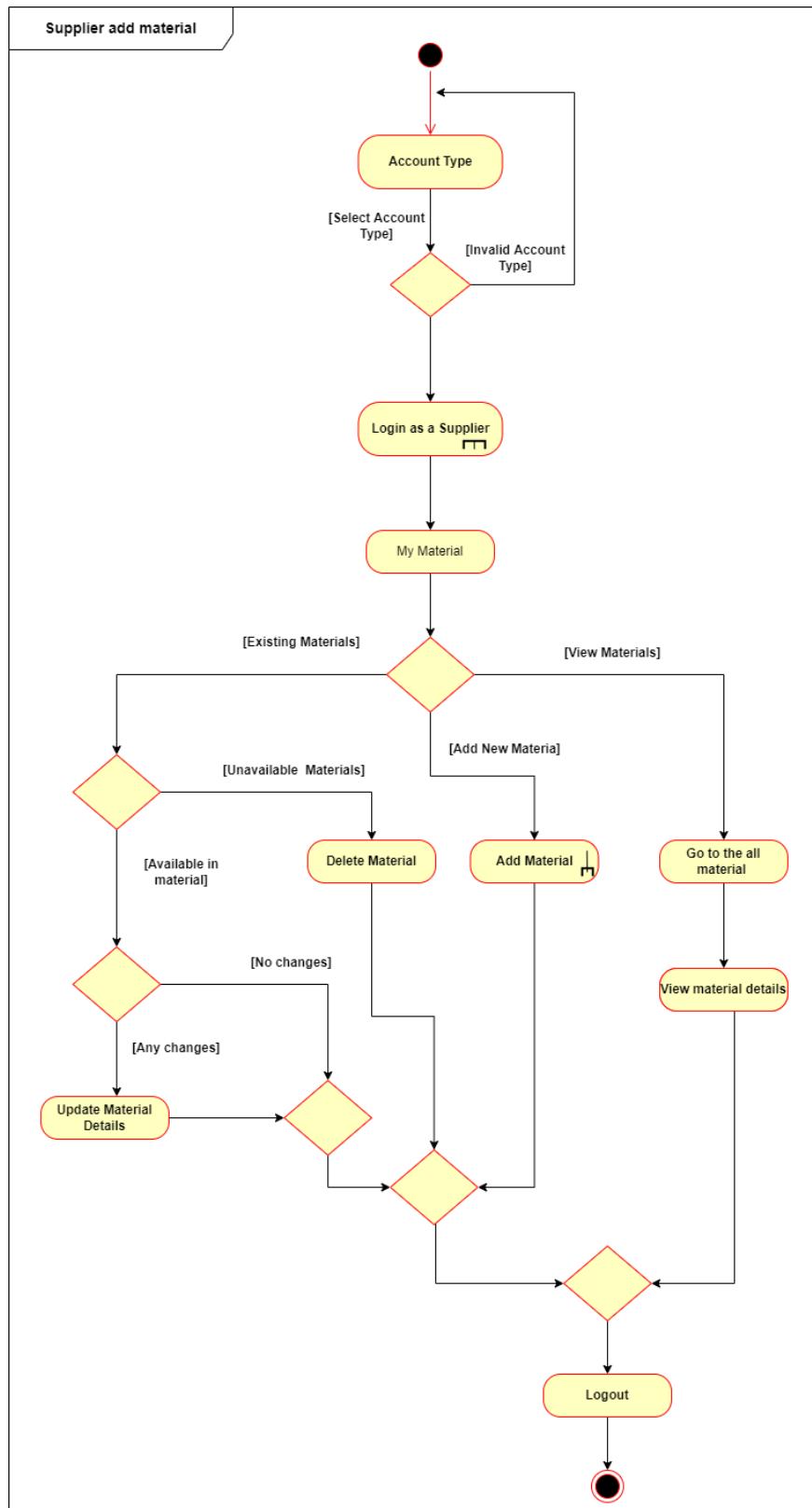
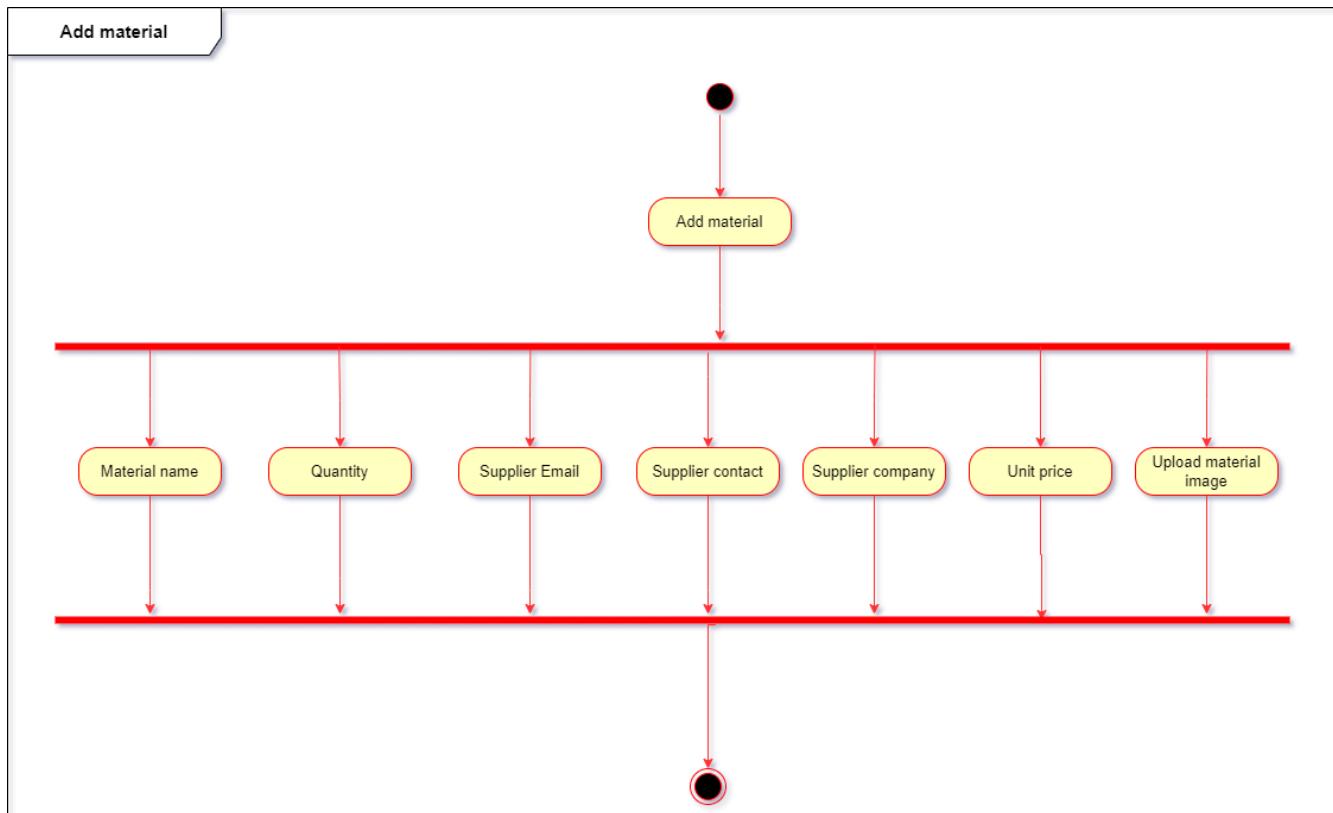


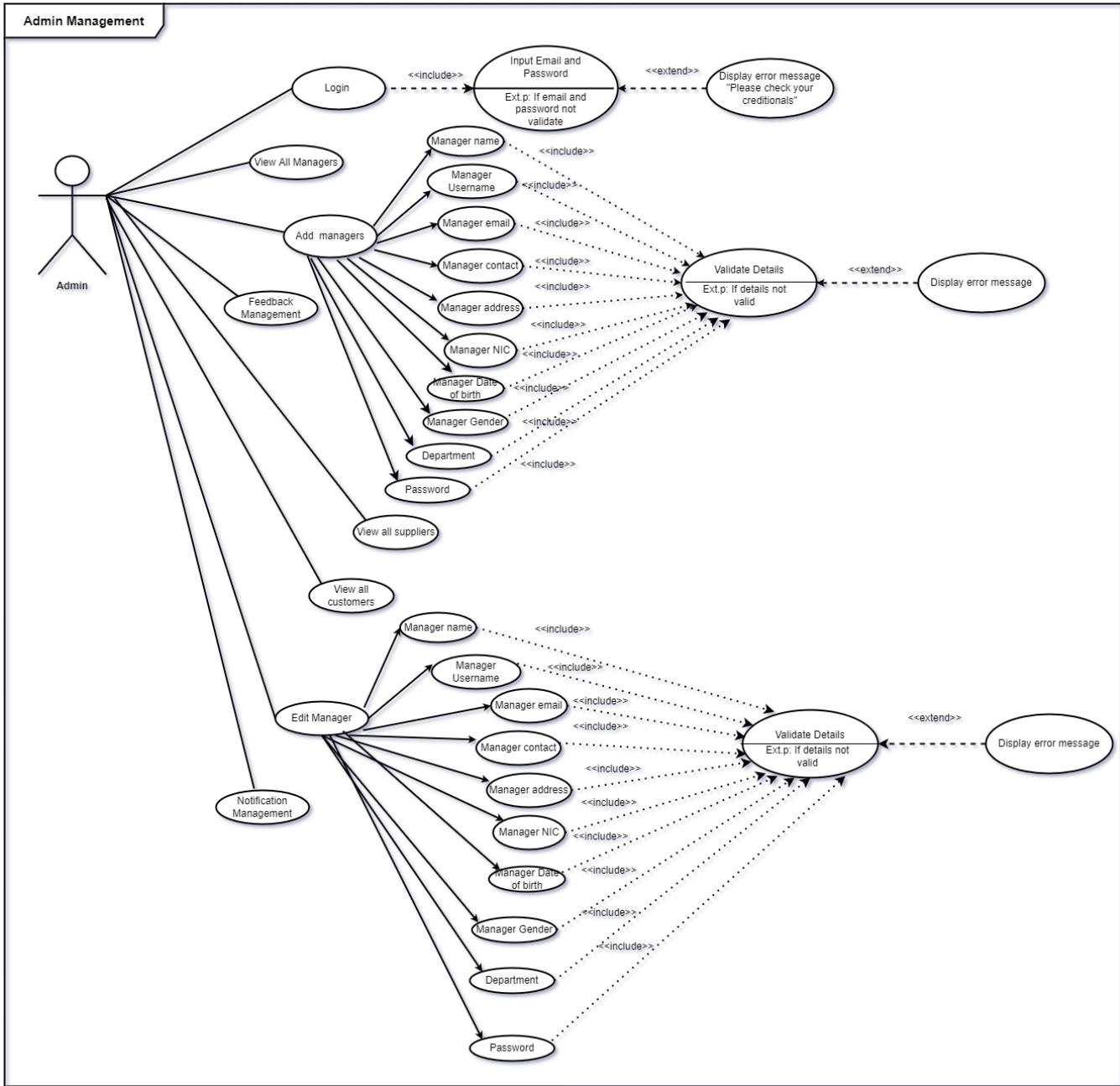
Figure 4 - 2.2 Activity Diagram -Add material- Supplier Management



## 2. User Management

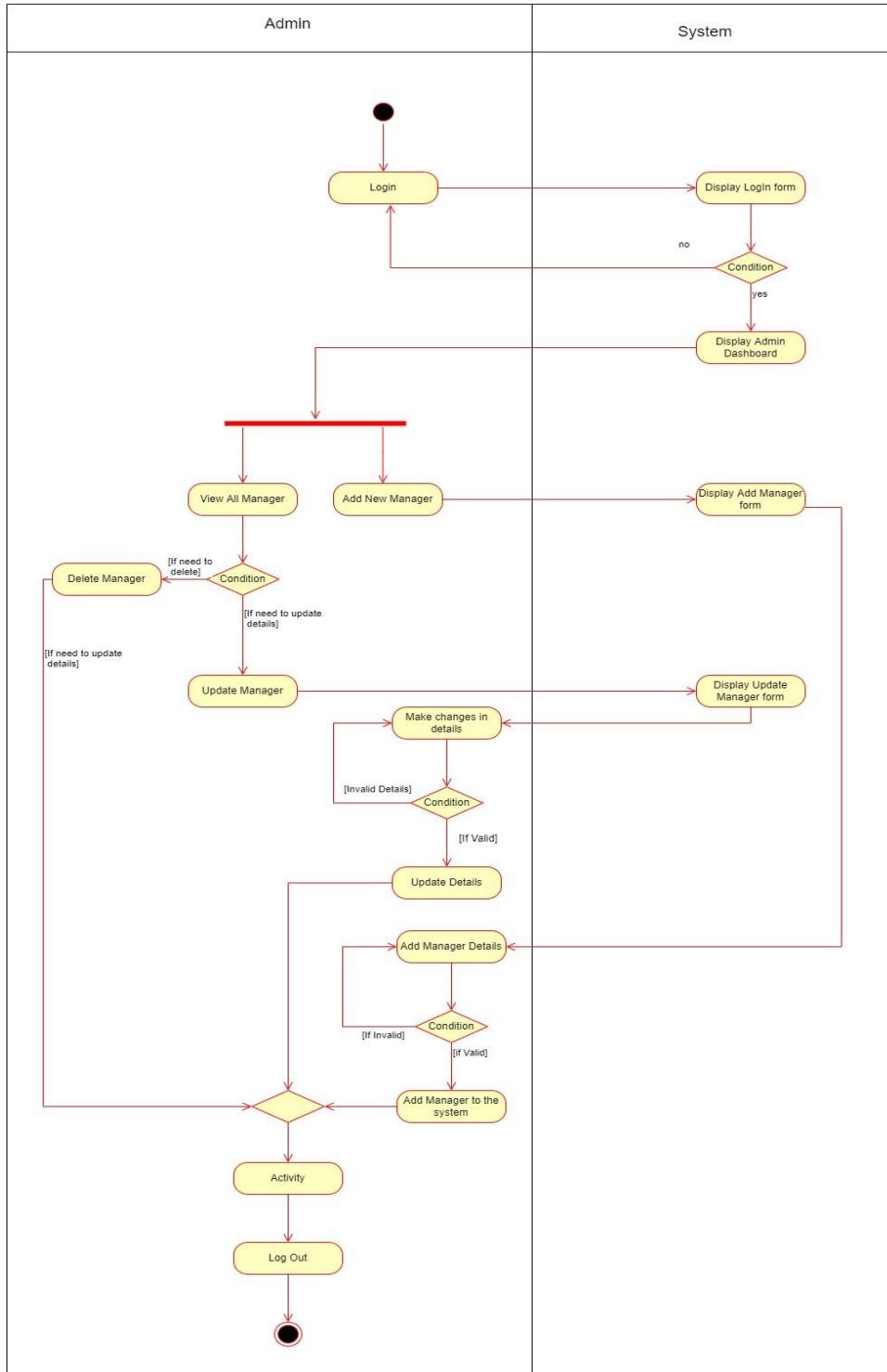
### 1. Use Case Diagram

Figure 5 - Use Case Diagram - User Management



## 2. Activity Diagram

Figure 6 Activity Diagram



### 3. Customer and Booking Management

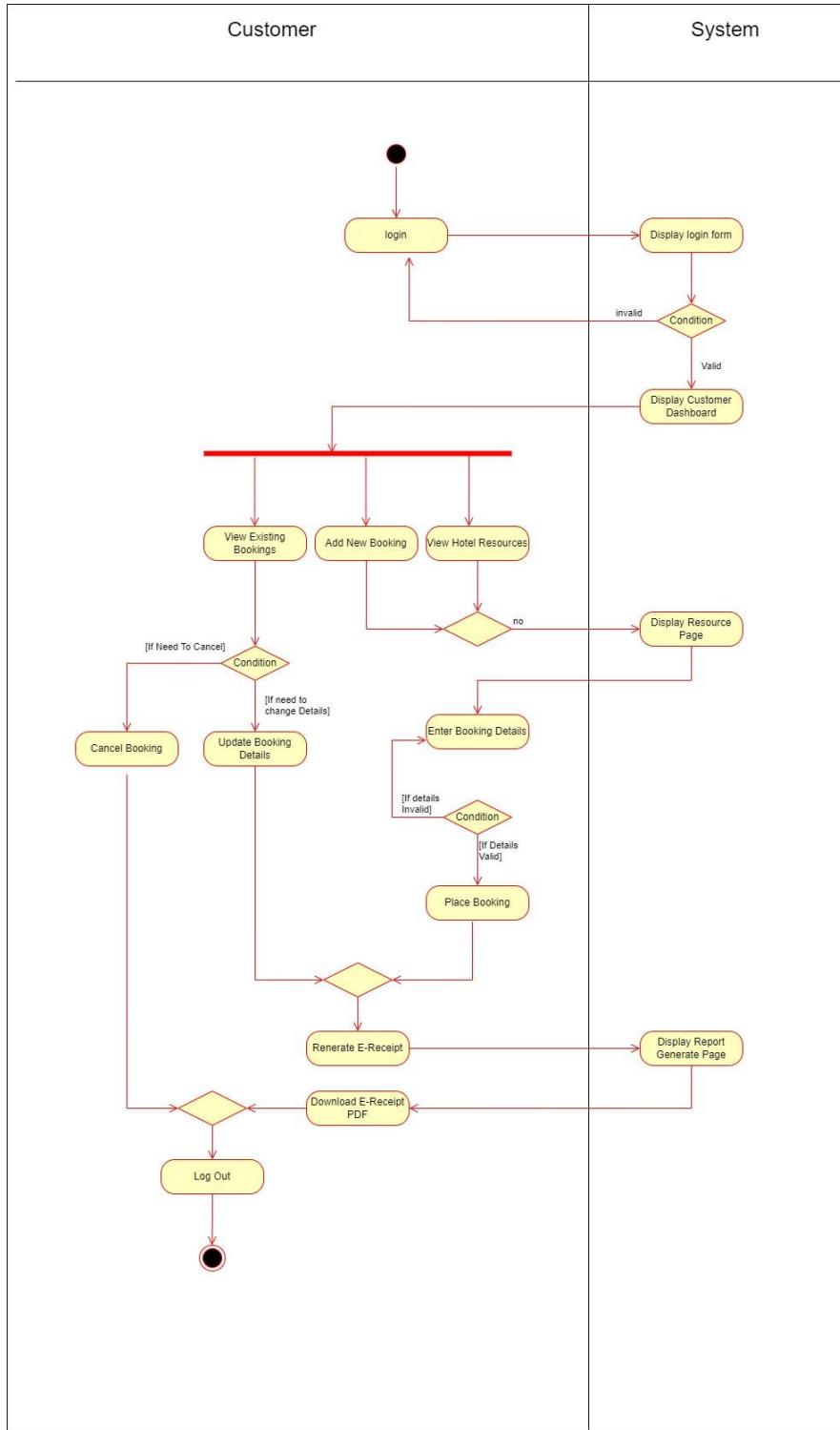
#### 1. Use Case Diagram

Figure 7 - 2.2 Use Case Diagram, Customer and Boking Management



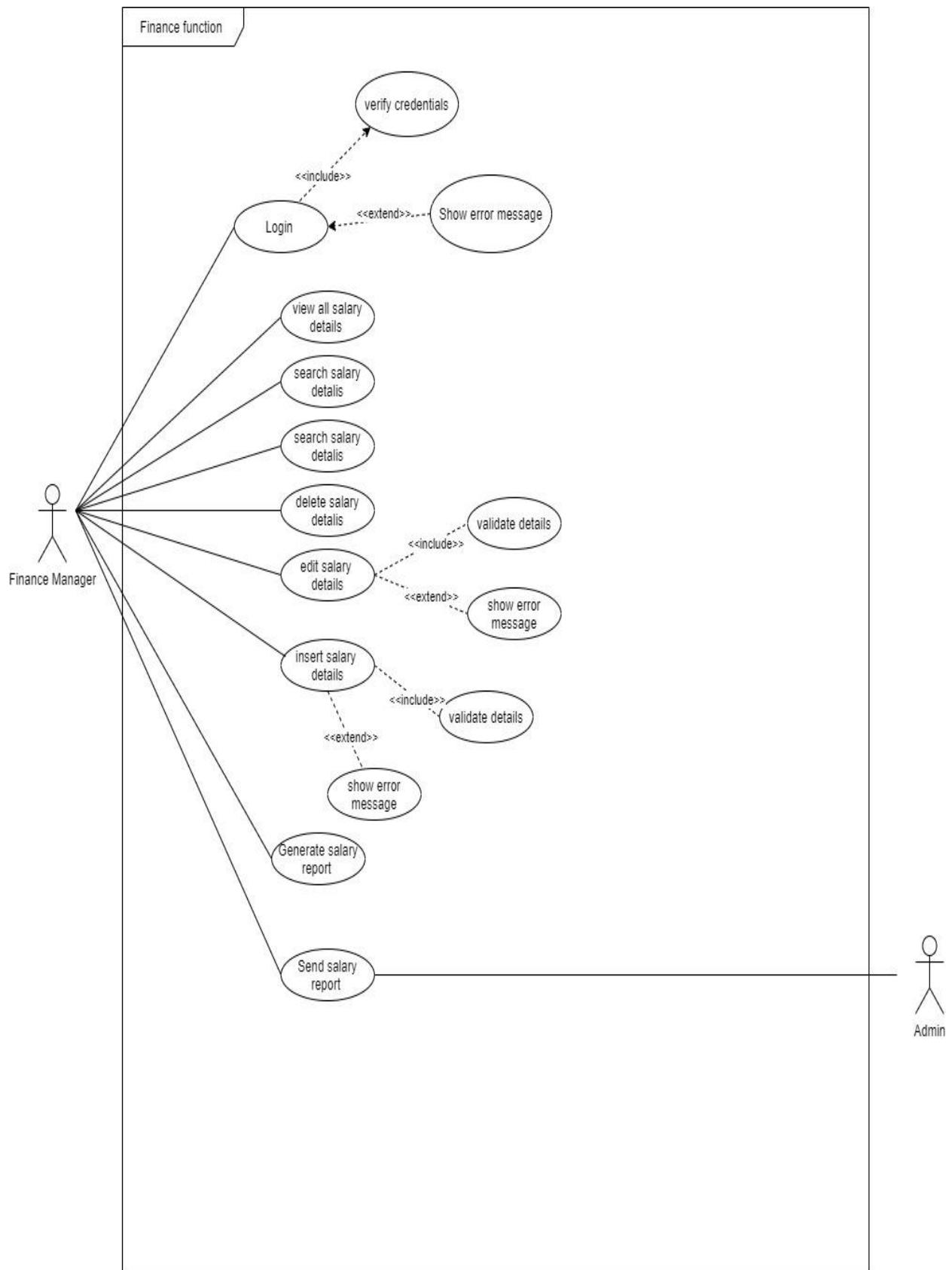
## 2. Activity Diagram

Figure 8- 2.2 - Activity Diagram, Customer and Booking Management

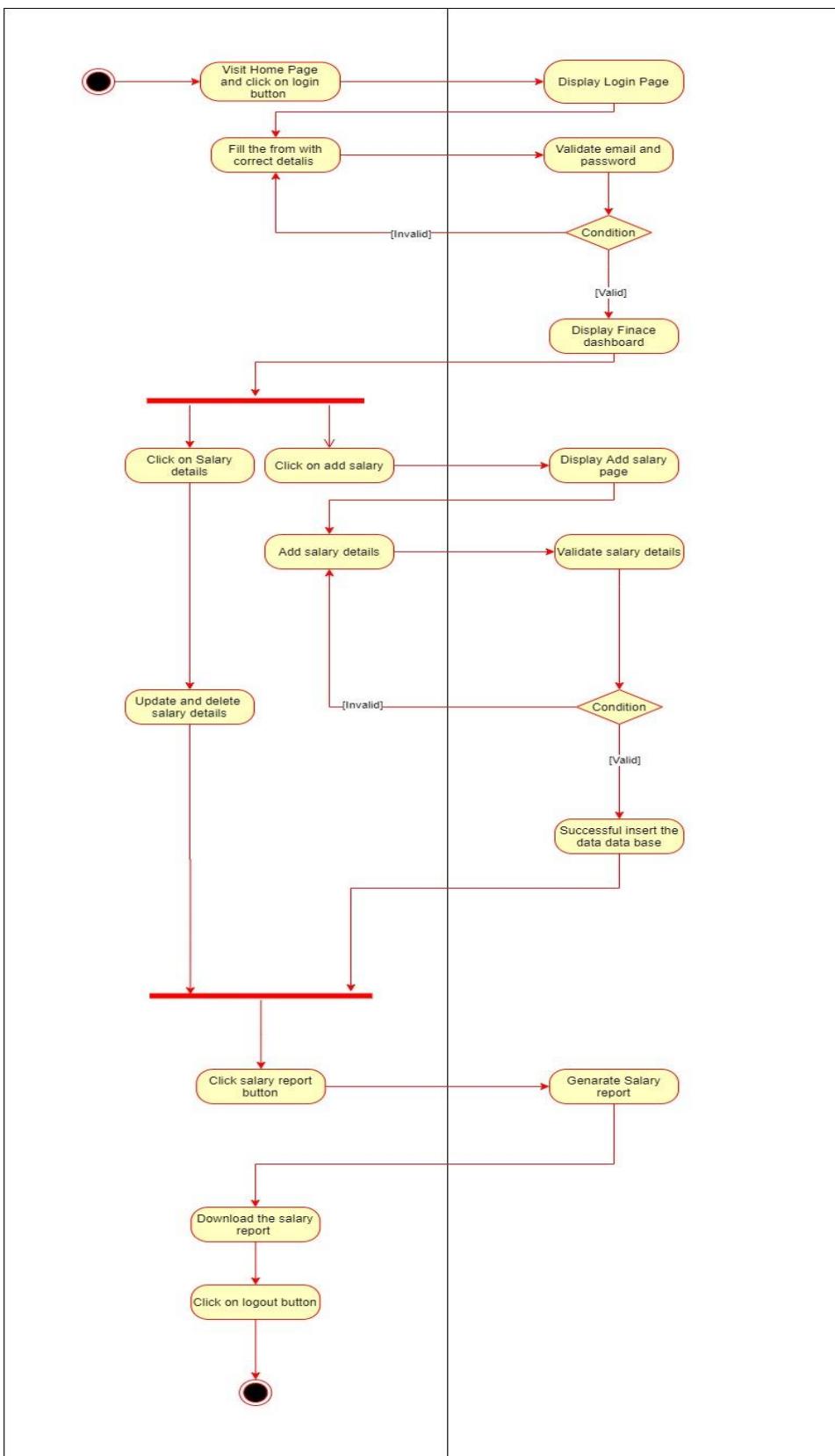


## **4. Finance Management**

### ***1. Use Case Diagram***

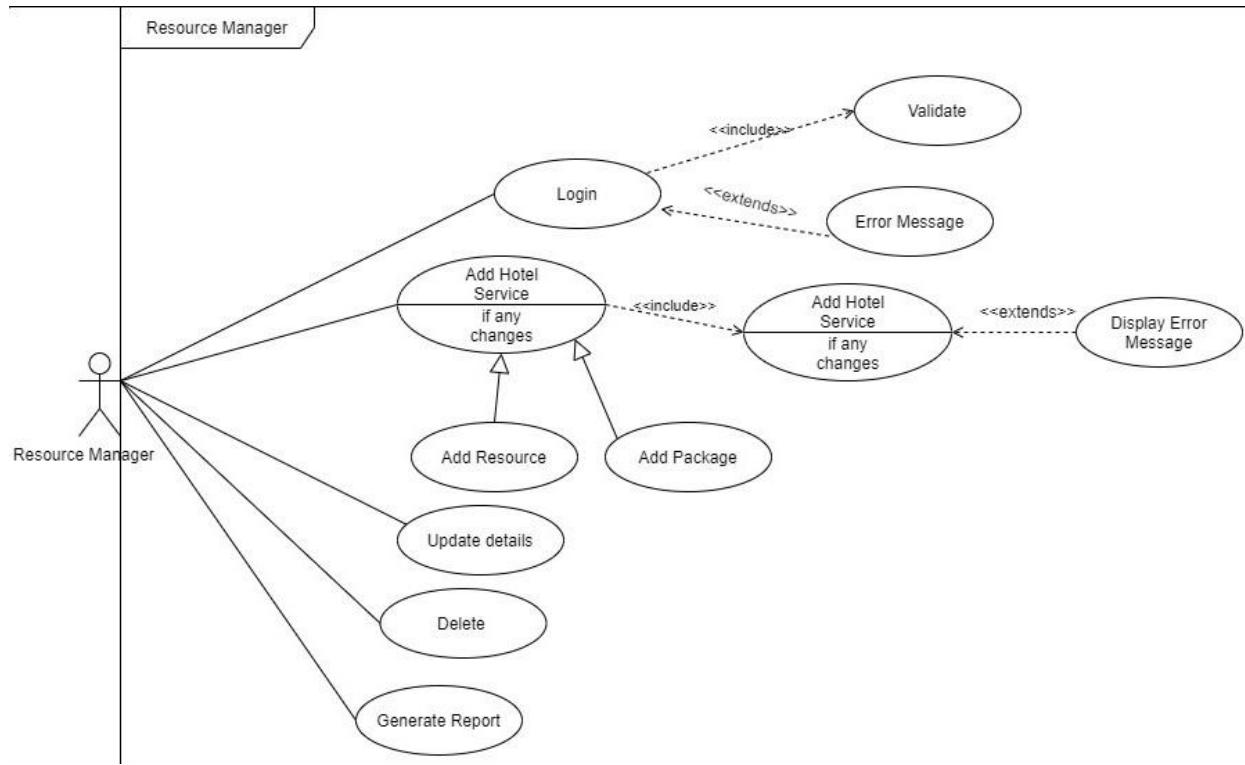


## 2. Activity Diagram

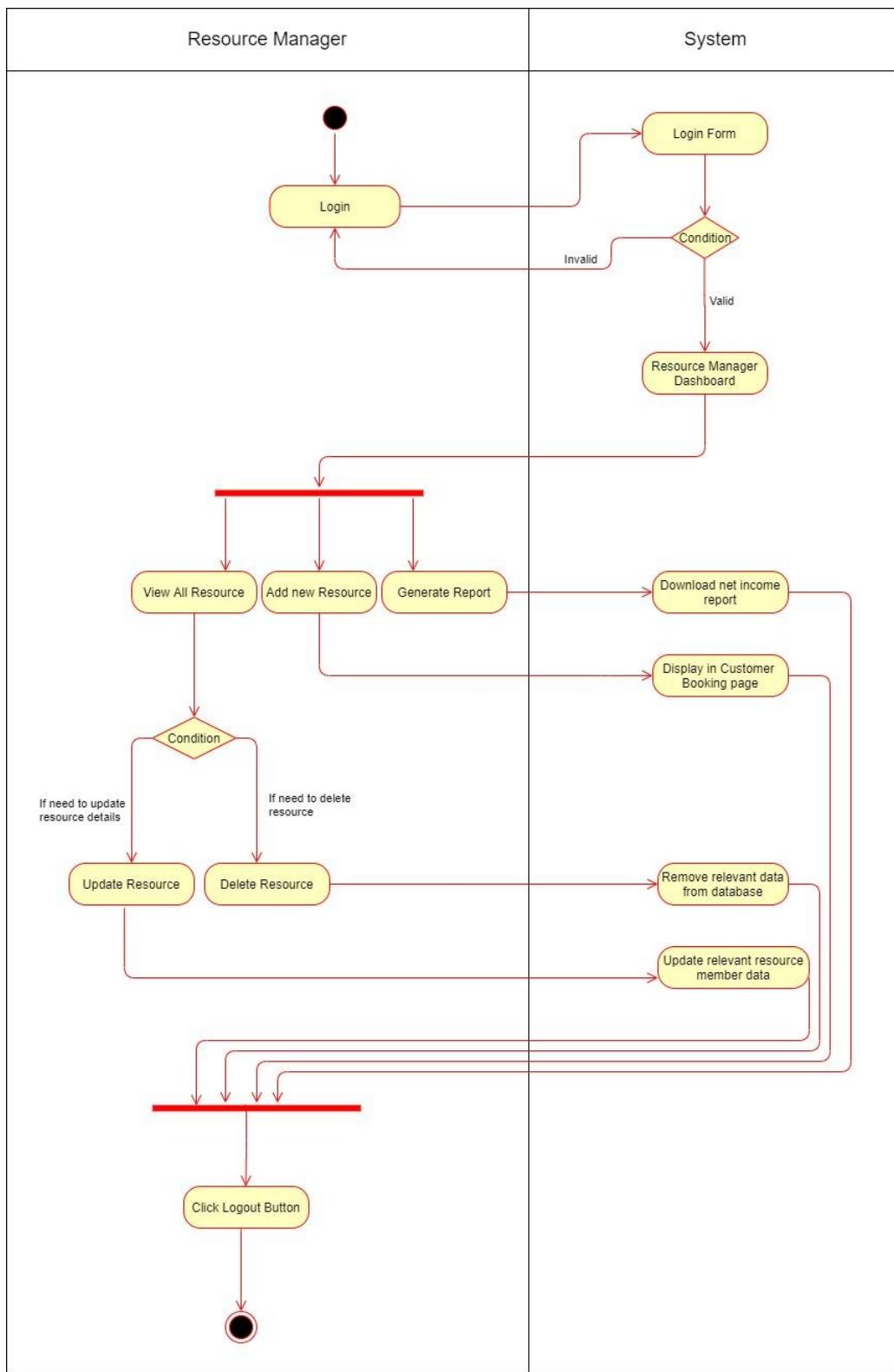


## 5. Resource Management

### 1. Use Case Diagram

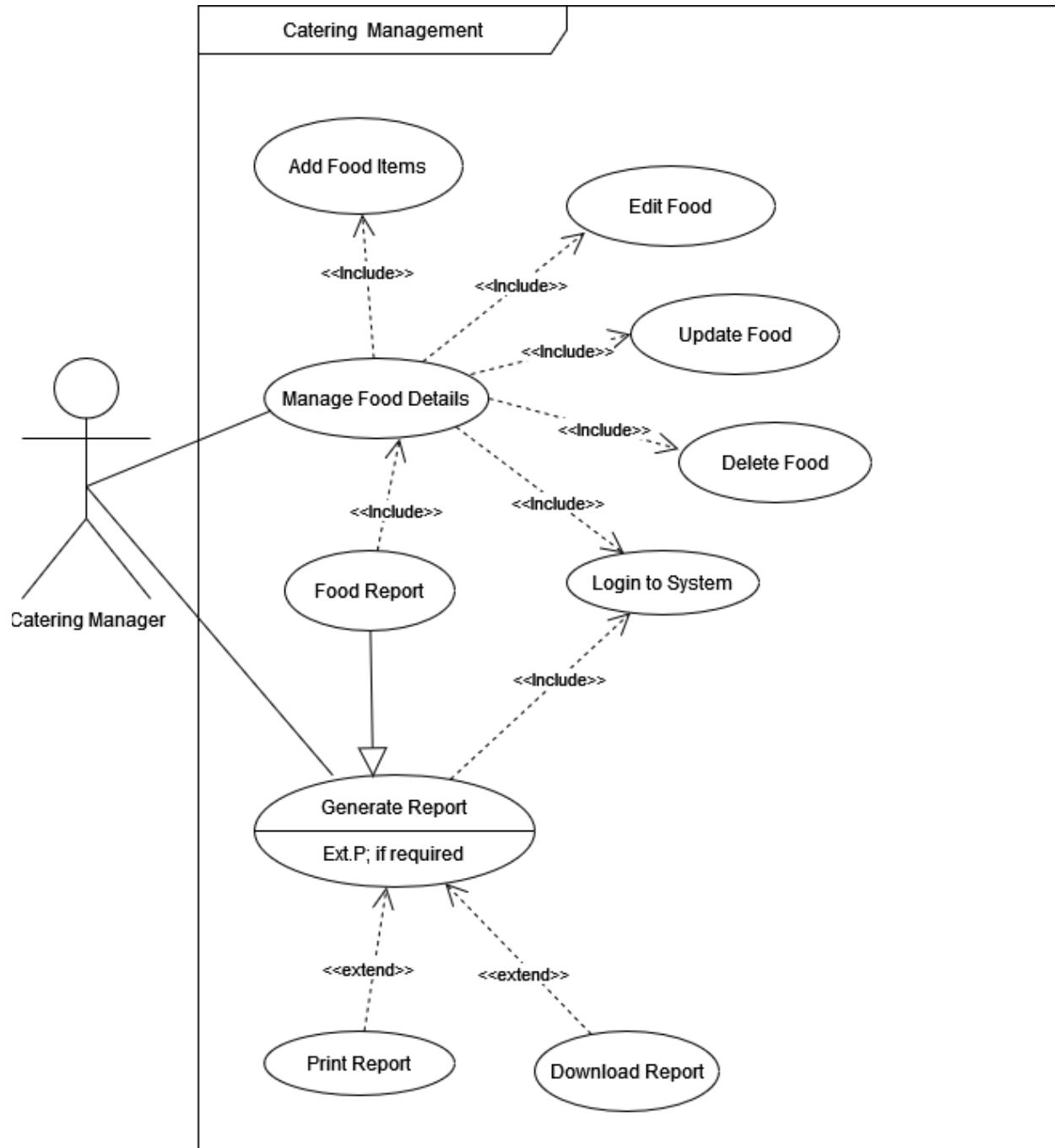


## 2. Activity Diagram

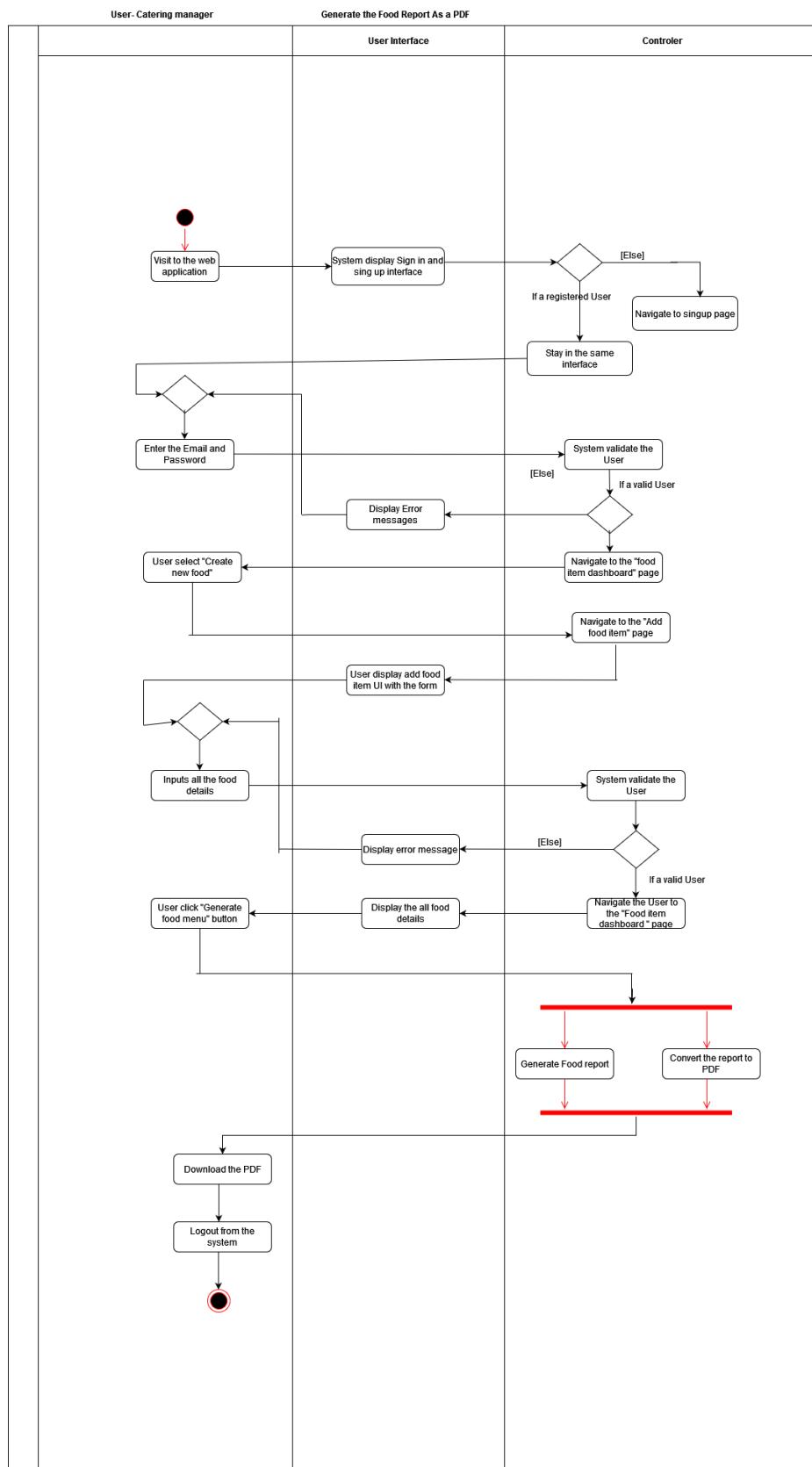


## 6. Catering Management

### 1. Use Case Diagram

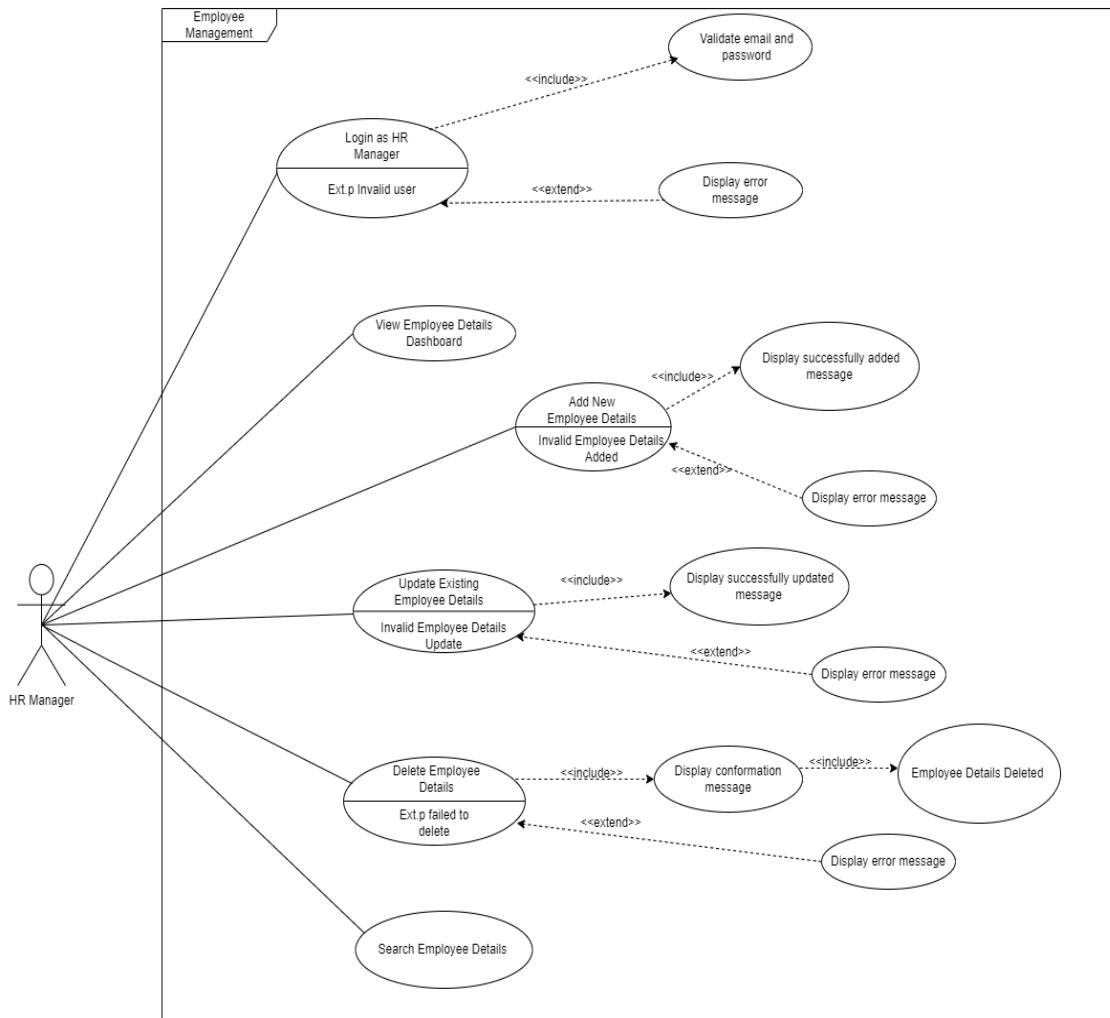


## 2. Activity Diagram

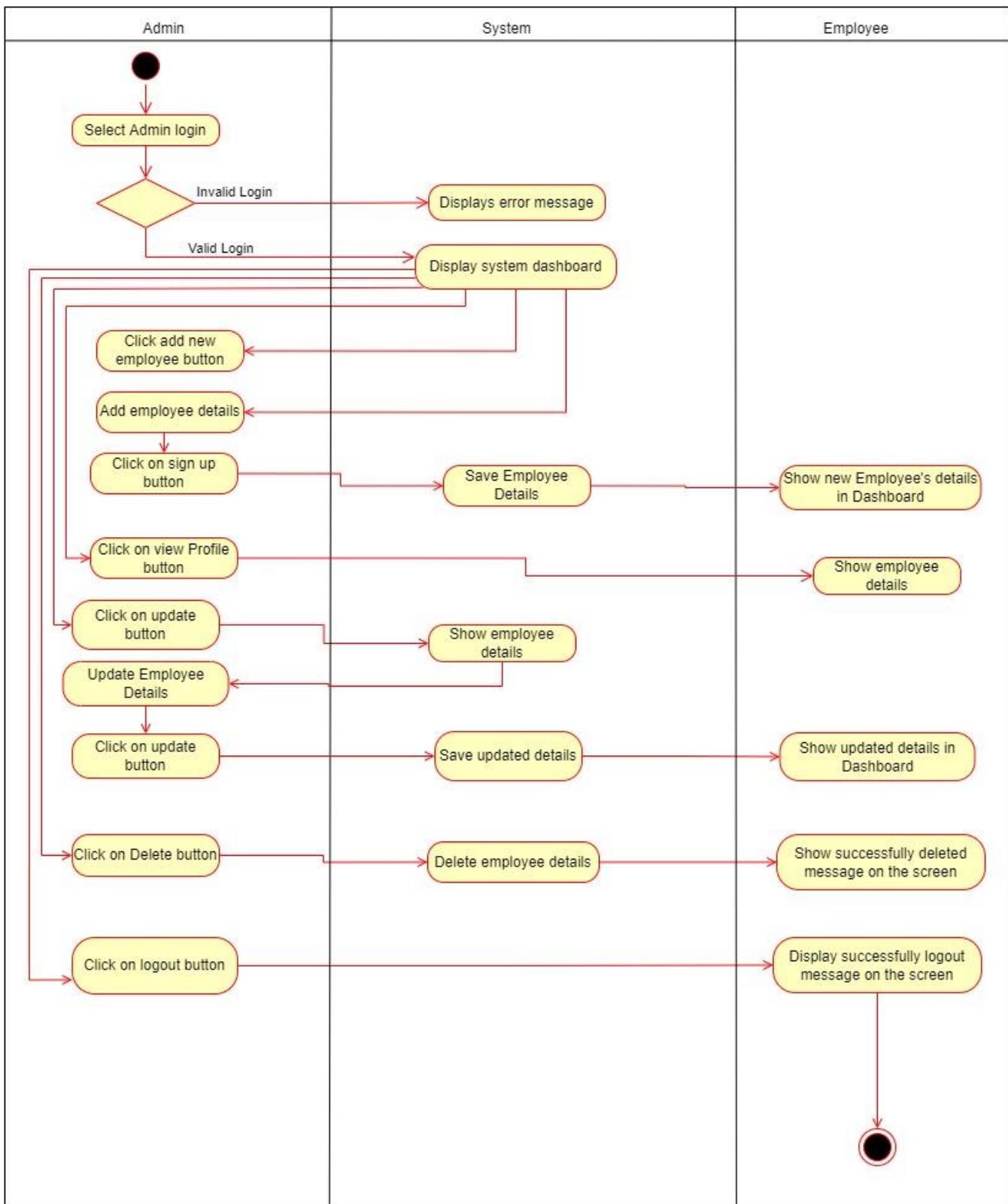


## 7. Human Resources Management

### 1. Use Case Diagram

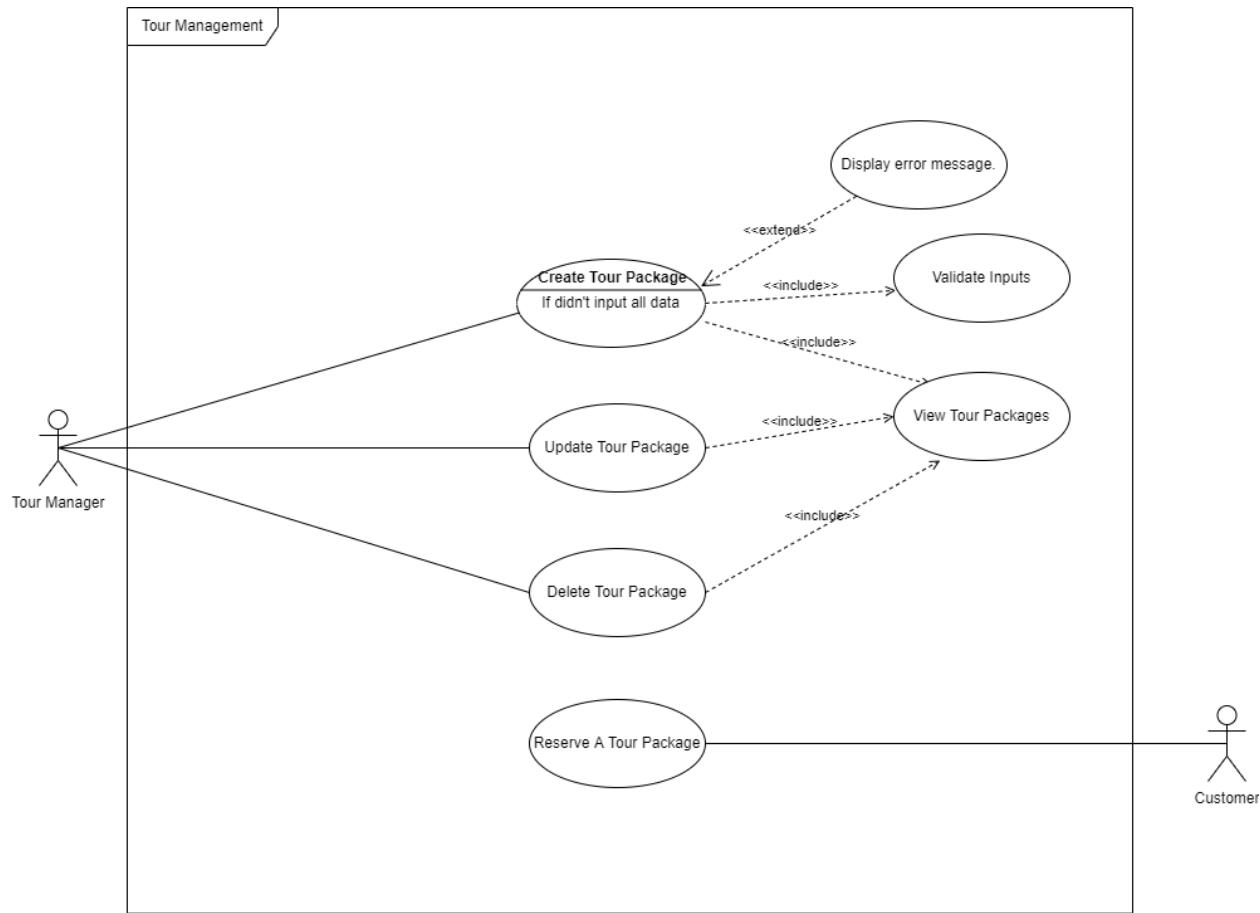


## 2. Activity Diagram

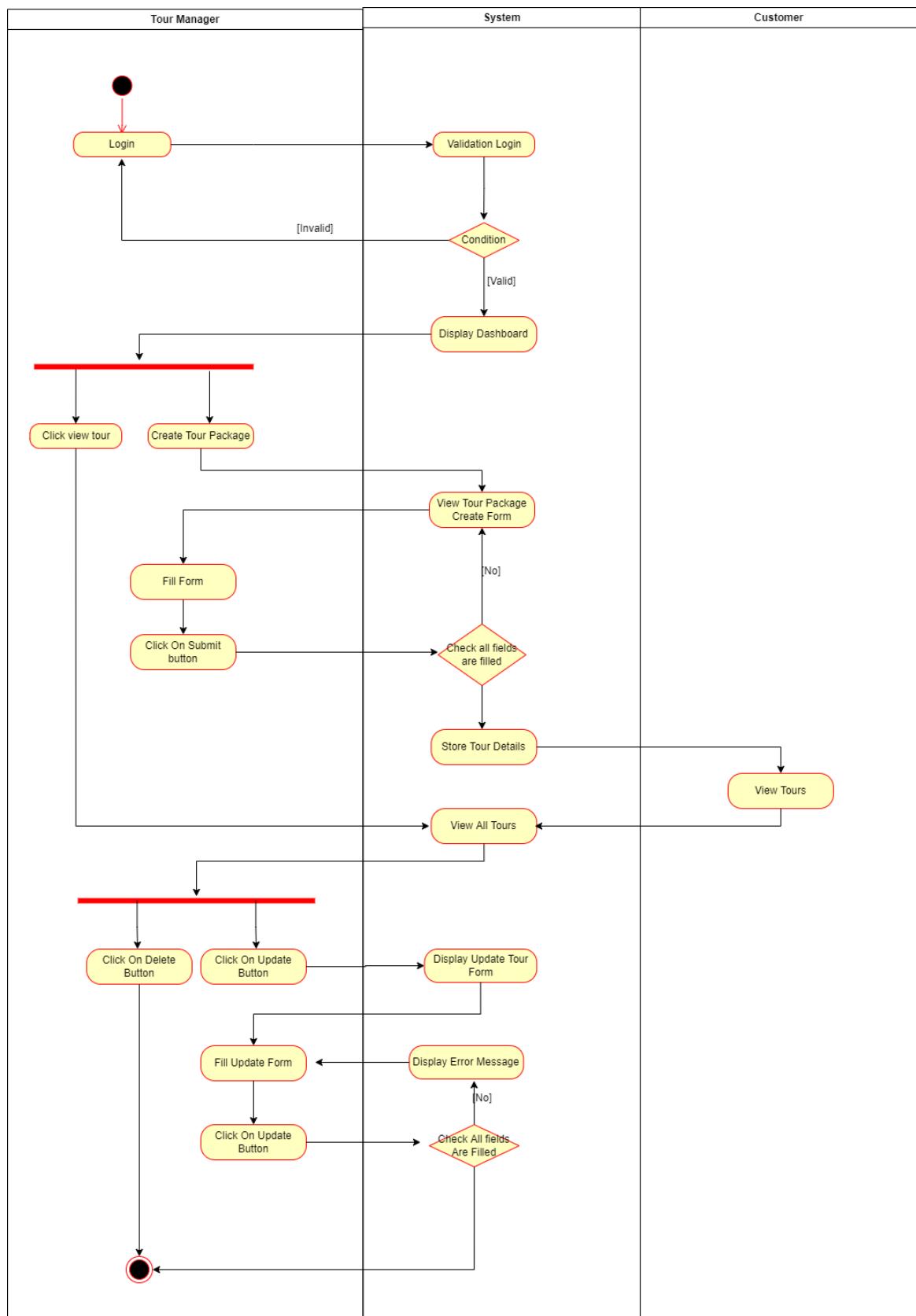


## 8. Tour Management

### 1. Use Case Diagram

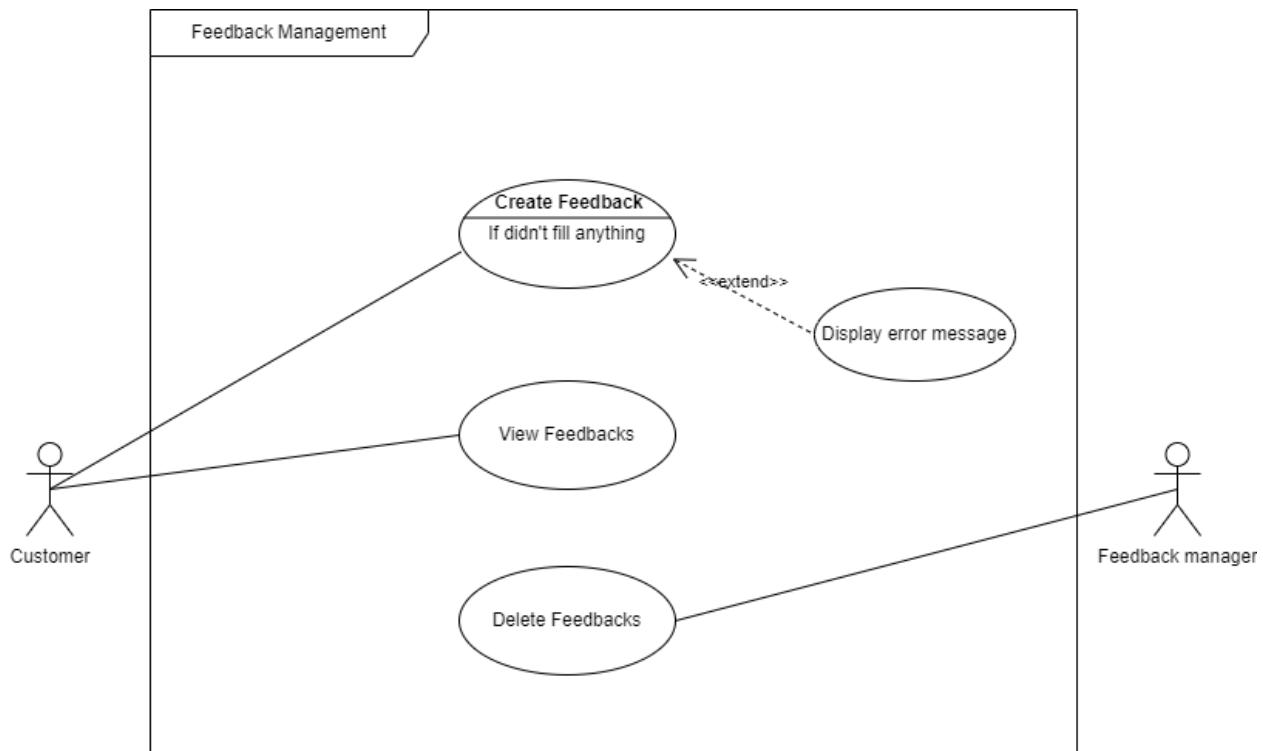


## 2. Activity Diagram



## 9. Feedback Management

### 1. Use Case Diagram



## 10. Inventory Management

### 1. Use Case Diagram

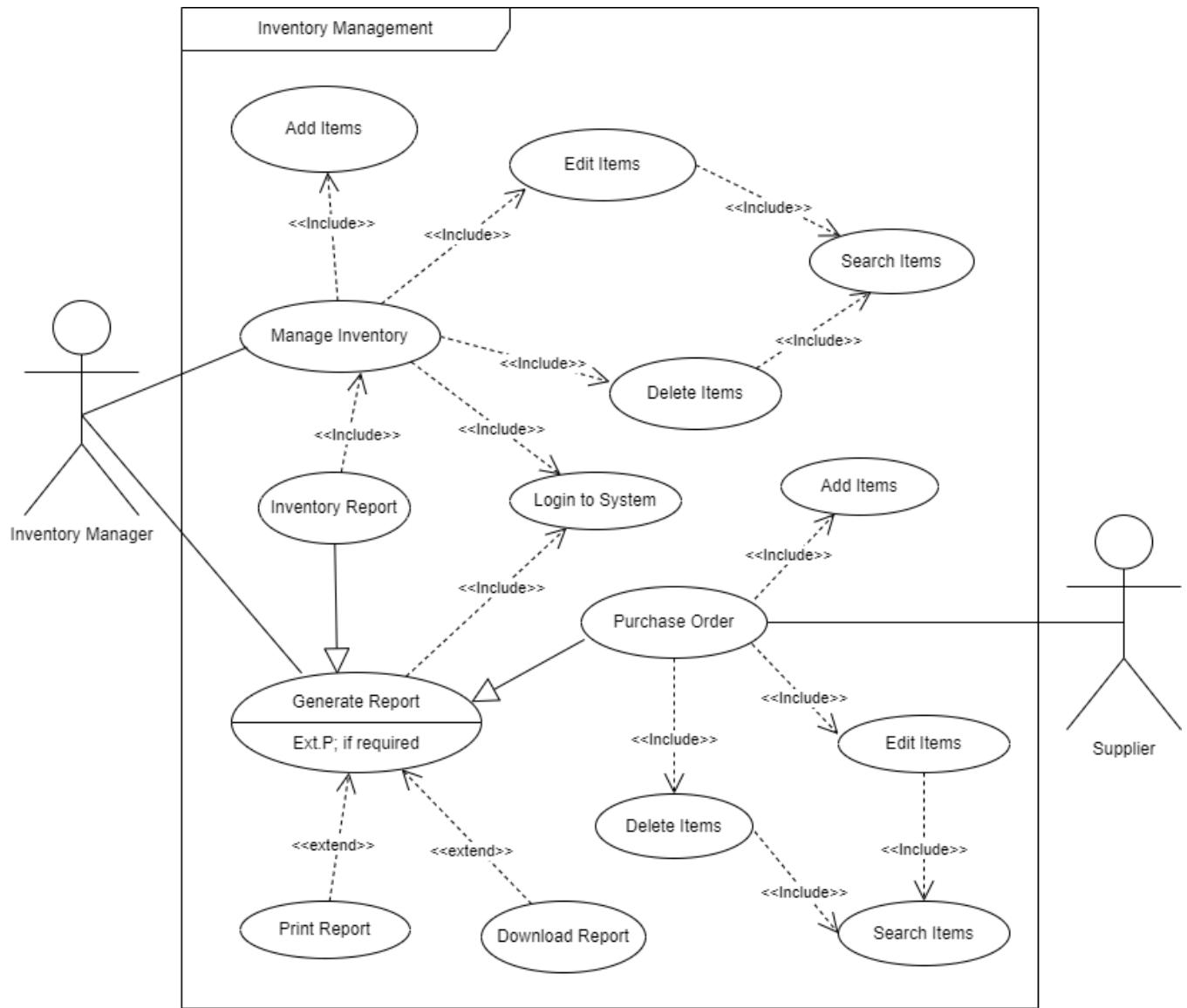


Figure 91.1 Use Case Diagram, Inventory

## 2. Activity Diagram

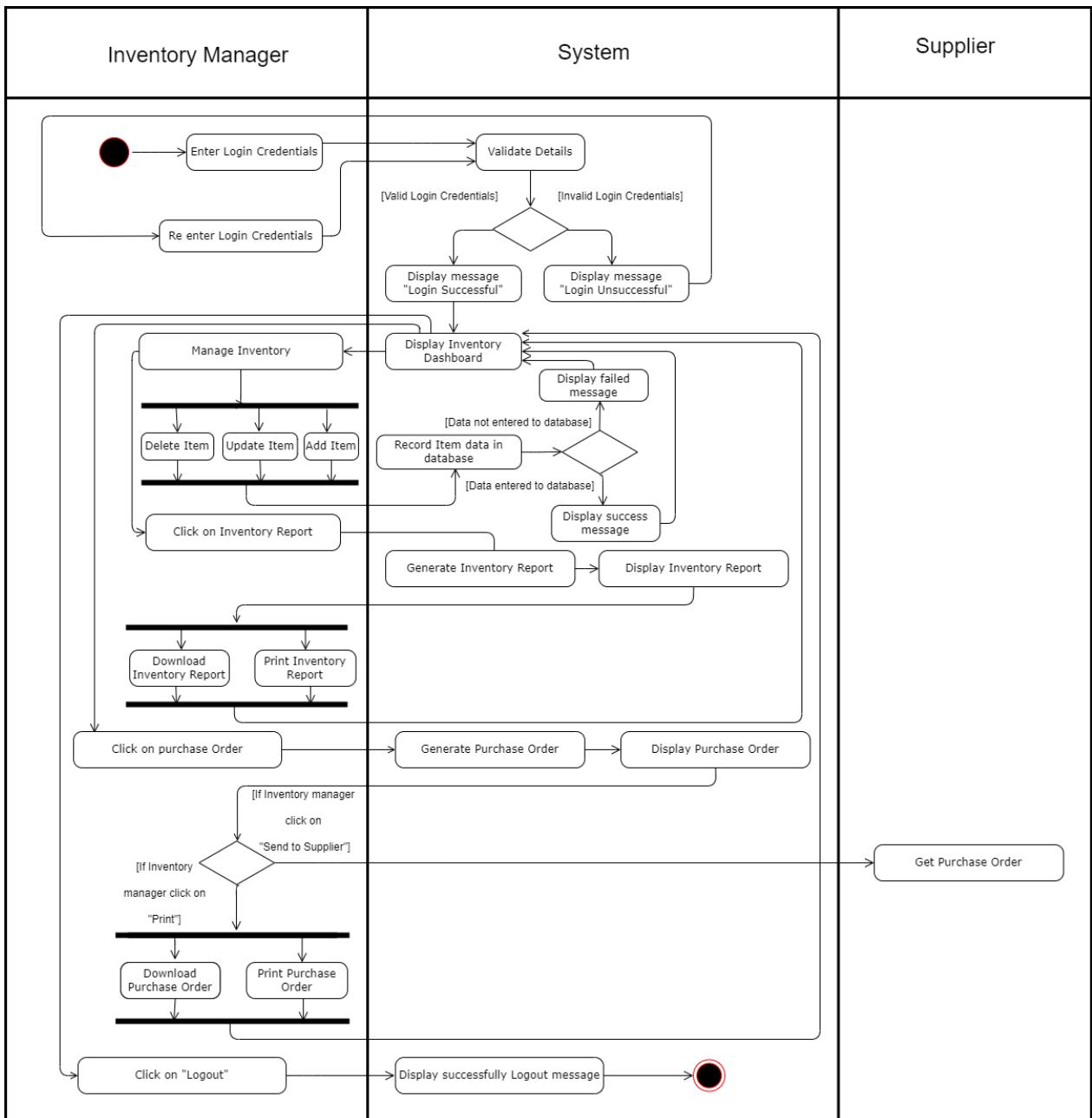


Figure 101.2 Activity Diagram, Inventory

## 2.3 Implementation

### Supplier Management

The Supplier is the person who supplies the materials which have been mentioned in the purchase order. The vendor can sign-up to the system, and then log in to the system, view and update the vendor dashboard. The vendor can check the order list.

After supplying the order, the vendor can create the relevant invoice to the order and edit the invoice. If he is unable to supply the materials, he can cancel the order.

### 1. Supplier Login Screen

The screenshot shows the main login page for the "HOTEL PEACOCK CORRIDOR". At the top, there is a navigation bar with links: Home, Resources, Portfolio, Feedback, About US, Login, and SignUp. Below the navigation bar are two large rectangular boxes. The left box features an image of a man in a hawaiian shirt and orange shorts, waving, with a red bag at his feet. The text "Customer" is centered below the image, with the sub-instruction "Login as a Customer" underneath. A green button at the bottom of the box contains the text "Login as a Customer". The right box features an image of a man in a grey shirt and tan pants carrying a brown cardboard box. The text "Supplier" is centered below the image, with the sub-instruction "Login as a Supplier" underneath. A green button at the bottom of the box contains the text "Login as a Supplier".

The screenshot shows the "Supplier Login" form. At the top, there is a navigation bar with links: Home, Resources, Portfolio, Feedback, About US, Login, and SignUp. Below the navigation bar is the title "Supplier Login". The form consists of two input fields: "Email Address" and "Password", each with a placeholder text ("Email Address" and "Password" respectively) and a corresponding input box. Below the input fields is a green "Login" button.

## 2. Supplier Dashboard

The Supplier Dashboard interface features a top navigation bar with links for Home, Resources, Portfolio, Feedback, About US, Logout, My Profile, and Dashboard. Below the navigation is a title "Supplier DashBoard". The dashboard is divided into four main sections, each with an image and a blue button:

- Pending**: Shows a hand holding a small chalkboard with a pencil icon. The button is labeled "Pending".
- My Order**: Shows a close-up of a computer keyboard with a red key labeled "Order". The button is labeled "My Order".
- Material**: Shows a person's hands using a magnifying glass over a document, with a calculator nearby. The button is labeled "Material".
- View Material**: Shows a stack of papers and a calculator. The button is labeled "View Material".

## 3. Supplier Materials Display Page

The Supplier Materials Display Page features a top navigation bar with links for Home, Resources, Portfolio, Feedback, About US, Logout, My Profile, and Dashboard. Below the navigation is a title "Material". The page displays three categories of materials, each with an image, a title, a list of details, and a contact button:

- Material : Bed Sheets**: Shows a stack of white bed sheets. Details: Available Quantity : 100, Email : sahanpunchihewa18@gmail.com, Company : Native Encoder Solution, Unit Price : 1500. Contact button: [Contact now : 0711653807](#).
- Material : Glass**: Shows a collection of various glasses. Details: Available Quantity : 100, Email : shanuka@gmail.com, Company : S E P Solution, Unit Price : 2500. Contact button: [Contact now : 0766166620](#).
- Material : Foods**: Shows a variety of food items like salmon, avocado, and vegetables. Details: Available Quantity : 1000, Email : kavindu@gmail.com, Company : K P Y Enterprises, Unit Price : 1000. Contact button: [Contact now : 0719211773](#).

#### **4. Supplier View Materials Page**

The screenshot shows a header with the "HOTEL PEACOCK CORRIDOR" logo and navigation links for Home, Resources, Portfolio, Feedback, About US, Logout, My Profile, and Dashboard. Below the header is a section titled "My Materials" with a table. The table has a header row "Add Materials" and data rows for "Bed Sheets" and "Foods". Each row contains columns for Material Name, Quantity, Email, Contact, Company, Unit Price, and two buttons: "Update" and "Delete".

Add Materials							
Material Name	Quantity	Email	Contact	Company	Unit Price	Update	Delete
Bed Sheets	100	sahanpunchihewa18@gmail.com	0711653807	Native Encoder Solution	1500	<button>Update</button>	<button>Delete</button>
Foods	1400	sahanpunchihewa18@gmail.com	0711653807	Native Encoder Solution	1500	<button>Update</button>	<button>Delete</button>

#### **My Materials**

Material Name	Quantity	Email	Contact	Company	Unit Price	Update	Delete
Bed Sheets	100	sahanpunchihewa18@gmail.com	0711653807	Native Encoder Solution	1500	<button>Update</button>	<button>Delete</button>
Foods	1400	sahanpunchihewa18@gmail.com	0711653807	Native Encoder Solution	1500	<button>Update</button>	<button>Delete</button>

#### **5. Supplier Profile**

The screenshot shows a header with the "HOTEL PEACOCK CORRIDOR" logo and navigation links for Home, Resources, Portfolio, Feedback, About US, Logout, My Profile, and Dashboard. Below the header is a section titled "My Profile" with a large placeholder profile picture icon. To the right is a form with fields for Supplier Name, Supplier Email, Contact Number, Company Name, and Company Address, all currently populated with placeholder text.

#### **My Profile**

Supplier Name  
Sahan Punchihewa

Supplier Email  
sahanpunchihewa18@gmail.com

Contact Number  
0711653807

Company Name  
Native Encoder Solution

Company Address

#### **6. Supplier – Create New Material Page**



## Material Page

Material Name

Quantity

Supplier Email

Supplier Contact Number

Supplier Company

Unit Price

Upload Material Image  
 No file chosen



## 7. All Registered Suppliers Display Page



## All Supplier Details

Name	Email	Contact Number	Company Name	Company Address	Material Type	Action
Sahan Punchihewa	sahanpunchihewa18@gmail.com	0711653807	Native Encoder Solution	Nugeogda	Bed Sheets	<input type="button" value="Delete"/>
Shanuka Prabodha	shanuka@gmail.com	0766166620	S E P Solution	Maharagama	Glass	<input type="button" value="Delete"/>
Kavindu Piumal	kavindu@gmail.com	0719211773	K P Y Enterprises	Horana	Foods	<input type="button" value="Delete"/>

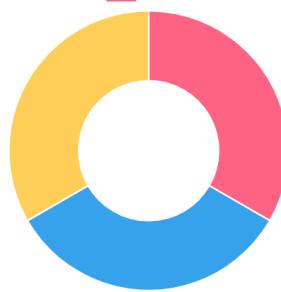
## 8. Supplier Report Page



## Supplier Report

Bed Sheets Glass Foods

Decorations



Name	Email	Contact Number	Company Name	Company Address	Material Type
Sahan Punchihewa	sahanpunchihewa18@gmail.com	0711653807	Native Encoder Solution	Nugegoda	Bed Sheets
Shanuka Prabodha	shanuka@gmail.com	0766166620	S E P Solution	Maharagama	Glass
Kavindu Plimal	kavindu@gmail.com	0719211773	K P Y Enterprises	Horana	Foods

### 9. Print Supplier Report

The screenshot shows the Supplier Report page with a donut chart and a table of supplier information. To the right, a 'Print' dialog box is open, showing the following settings:

- Print: 1 sheet of paper
- Destination: Foxit Reader PDF Print
- Pages: All
- Color: Color
- More settings (button)

At the bottom of the print dialog, there are 'Print' and 'Cancel' buttons.

### Customer and Booking Management

The user who is using this function is Customer. First, customer can register to the hotel application. Then after log in to the system, he will navigate into customer dashboard. After that customer can view hotel

resources and book resources if needed. And also, customer can update and cancel his bookings If needed. And after booking resources customer can get a E-Receipt with all the booking details.

### **1. Customer Sign Up page**

Customer Image  
 Choose File No file chosen

Customer Name  
 Enter Student Name

Student Email  
 Enter Customer Email

Customer Phone Number  
 Enter Phone Number

Customer Address  
 Enter Address

Customer NIC  
 Enter Customer NIC

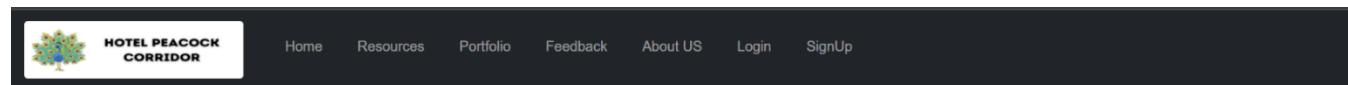
Customer Date Of Birth  
 mm/dd/yyyy

Student Gender  
 Male  Female

Password  
 Enter Student Name



### **2. Customer Log In page**



#### **Customer Login**

Email Address  
 Email Address

Password  
 Password

### 3. Customer Dashboard

HOTEL PEACOCK CORRIDOR

Home Resources Portfolio Feedback About US Logout CUSTOMER



Kevin Hemsworth  
12, Colombo 5,

Edit Profile

Edit Profile Image

## Customer DashBoard



BOOKING

SEARCH

Book Now



enter

Edit

shift

Update



Get E-Receipt

#### 4. Add Booking Page

### Booking Details Page

Customer Name

Customer Email

Resource Name

Resource Price

Booking Date  
 

**Payment details**

Card Number



#### 5. Customer View Booking Page



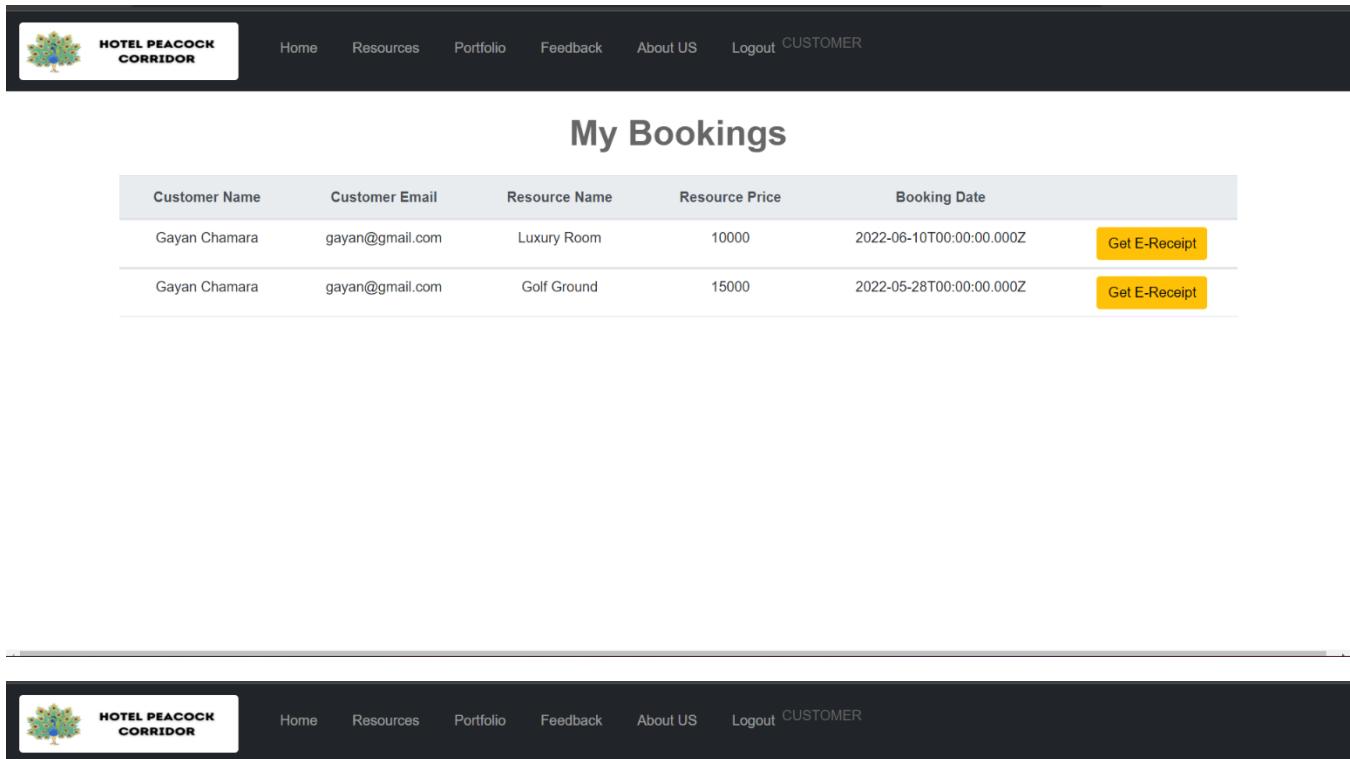
Home Resources Portfolio Feedback About US Logout CUSTOMER

### My Bookings

DashBoard

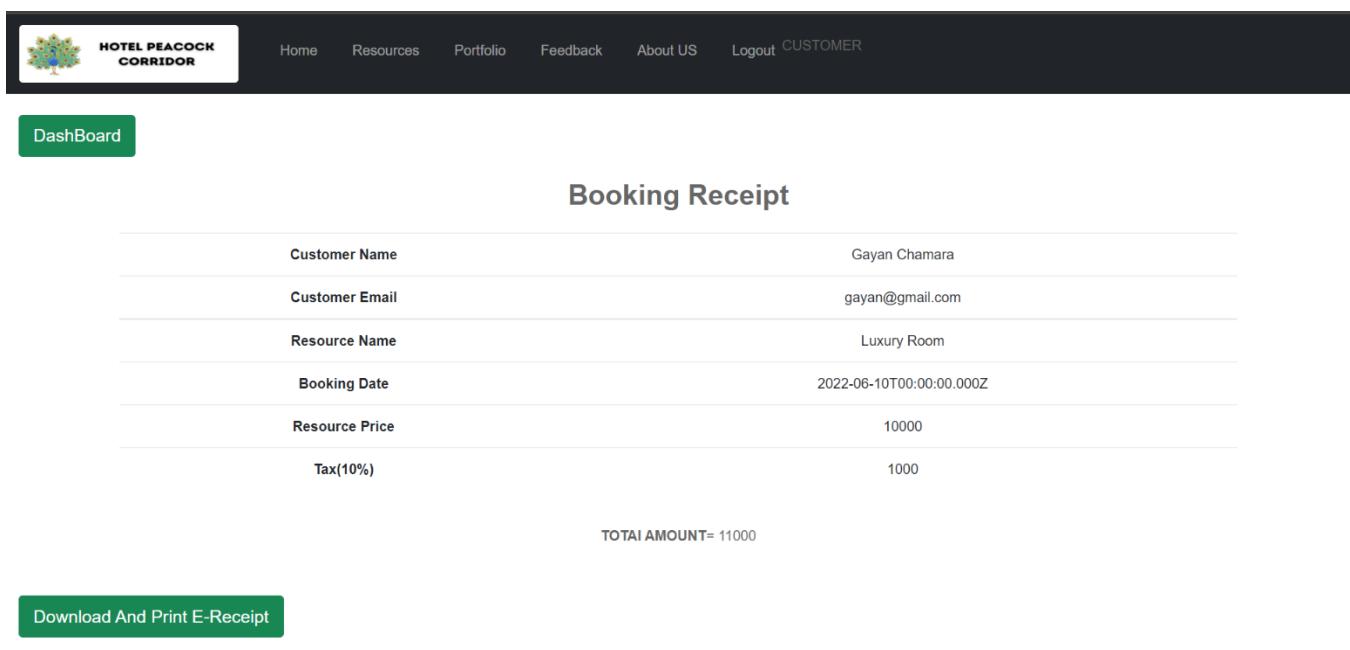
Customer Name	Customer Email	Resource Name	Resource Price	Booking Date	Edit	Delete
Gayan Chamara	gayan@gmail.com	Luxury Room	10000	2022-06-10T00:00:00.000Z	<button>Cancel</button>	<button>Cancel</button>
Gayan Chamara	gayan@gmail.com	Golf Ground	15000	2022-05-28T00:00:00.000Z	<button>Cancel</button>	<button>Cancel</button>

## 6. E-Receipt Generate pages



The screenshot shows a user interface for managing bookings. At the top, there's a navigation bar with a logo for "HOTEL PEACOCK CORRIDOR" featuring a peacock icon. The menu items include Home, Resources, Portfolio, Feedback, About US, Logout, and CUSTOMER. Below the navigation is a section titled "My Bookings". A table displays two rows of booking information:

Customer Name	Customer Email	Resource Name	Resource Price	Booking Date	Action
Gayan Chamara	gayan@gmail.com	Luxury Room	10000	2022-06-10T00:00:00.000Z	<button>Get E-Receipt</button>
Gayan Chamara	gayan@gmail.com	Golf Ground	15000	2022-05-28T00:00:00.000Z	<button>Get E-Receipt</button>



The screenshot shows a "Booking Receipt" page. At the top, there's a navigation bar with the same hotel logo and menu items. Below it, a green button labeled "DashBoard" is visible. The main content is titled "Booking Receipt" and lists the following details:

Customer Name	Gayan Chamara
Customer Email	gayan@gmail.com
Resource Name	Luxury Room
Booking Date	2022-06-10T00:00:00.000Z
Resource Price	10000
Tax(10%)	1000

TOTAL AMOUNT= 11000

A green button at the bottom left says "Download And Print E-Receipt".

## 7. Edit Customer Profile Page

### My Profile

Customer Name	Kevin Hemsworth
Customer Email	kevinhemsworth@gmail.com
Contact Number	715632284
Customer Address	12,Colombo 5,
NIC	980561422V
Date Of Birth	02/25/1998

**Edit Details**

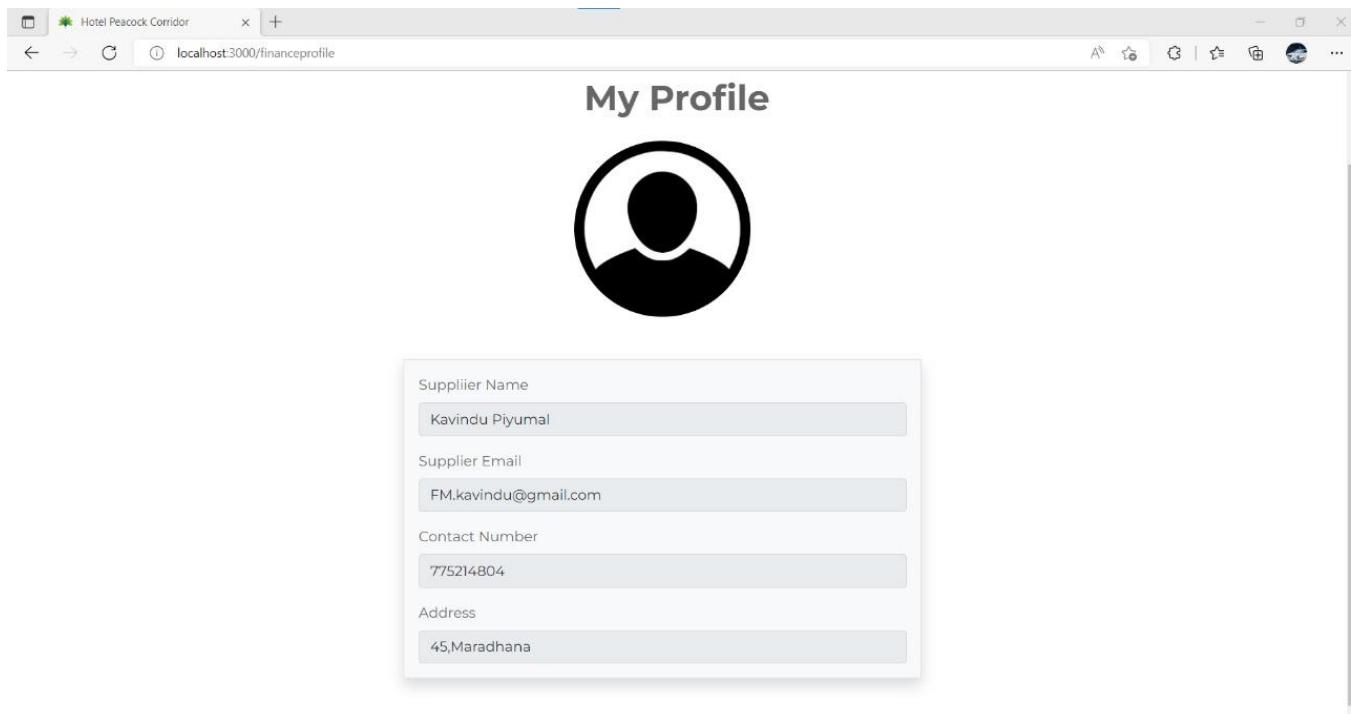
## Finance Management

This role manages the finances of the organization. The finance manager will need to log in here in order to submit salary data. And keep them up to date. may be erased. It is also possible for him to seek for such particulars. In addition to that, he is able to provide a report on salaries.

### 1. Finance manager dashboard

The screenshot shows a web browser window titled "Hotel Peacock Corridor". The URL is "localhost:3000/f/dashboard". The page has a dark header with the hotel's logo and navigation links: Home, Resources, Portfolio, Feedback, About US, and Logout. Below the header is the title "Finance Dashboard". There are two main content areas: one on the left with a blue button labeled "Salary Add Here" and one on the right with a blue button labeled "Salary Details & Report". Both areas feature images related to finance and accounting. A green "My Profile" button is located in the top right corner of the dashboard area. At the bottom of the screen, there is a Windows taskbar with a search bar, several pinned icons, and system status indicators.

**2. Finance manager my profile**



### **3. Finance manager Salary adding Page**

The screenshot shows a web browser window for 'Hotel Peacock Corridor' at localhost:3000/paysheet. The page title is 'Salary Details Adding Page'. On the left, there is a form with fields for Employee ID, Employee Name, Employee Designation, Date, Bank Name, Bank Account Number, and Amount. Each field has a red border and a small circular icon with a question mark. Below the form is a green 'Submit' button. On the right side of the page is a cartoon illustration of two people standing on either side of a yellow balance scale. The scale is tilted, with a stack of gold coins on the right side and a single coin on the left side.

Employee ID  
Employee ID  
Please enter a valid employee ID. ID should be in the format of "EMP12345".  
Employee Name  
Employee Name  
Employee Designation  
Employee Designation  
Date  
mm/dd/yyyy  
Bank Name  
Bank Name  
Bank Account Number  
Bank Account Number  
Amount  
Amount

Submit

### **4. Finance Manager Salary details display page**

Hotel Peacock Corridor    x    +

localhost:3000/viewpaysheet

HOTEL PEACOCK CORRIDOR

Home Resources Portfolio Feedback About US Logout

### All Employees Payment Details

Employee ID	Employee Name	Employee Designation	Pay Date	Bank Name	Bank Account Number	Amount	EDIT	DELETE
EMP00025	Lakmal Herath	Manager	2022-01-07T00:00:00.000Z	Sampath Bank	544641651	100000	<button>Update</button>	<button>Delete</button>
EMP00002	Suadarka Dilshan	Waiter	2022-02-05T00:00:00.000Z	Sampath Bank	748164526974	170000	<button>Update</button>	<button>Delete</button>
EMP00003	Ravindu sulakshna	Chef	2022-02-28T00:00:00.000Z	BOC Bank	4157565154121	120000	<button>Update</button>	<button>Delete</button>
EMP00004	Sudath Silva	Manager	2022-03-17T00:00:00.000Z	BOC Bank	126564613213131	500000	<button>Update</button>	<button>Delete</button>
EMP00005	Ranagana herath	Manager	2022-04-13T00:00:00.000Z	Sampath Bank	465664	650000	<button>Update</button>	<button>Delete</button>
EMP00006	Kavindu Piumal Yasantha	Chef	2022-04-21T00:00:00.000Z	BOC Bank	8854214	450000	<button>Update</button>	<button>Delete</button>
EMP00007	Budika Parsad	Waiter	2022-04-30T00:00:00.000Z	Sampath Bank	234234	250000	<button>Update</button>	<button>Delete</button>
EMP00008	Puarnaka Parsad	Chef	2022-05-01T00:00:00.000Z	Sampath Bank	5845245522	150000	<button>Update</button>	<button>Delete</button>
EMP00009	Hashini Kulathunga	Manager	2022-05-12T00:00:00.000Z	Sampath Bank	45454522	350000	<button>Update</button>	<button>Delete</button>
EMP00010	Sameera Vimukthi	Waiter	2022-06-02T00:00:00.000Z	Sampath Bank	154542	320000	<button>Update</button>	<button>Delete</button>

## 5. Salary details update page

HOTEL PEACOCK CORRIDOR

Home Resources Portfolio Feedback About US Logout

### Paysheet Update Page

Employee ID  
 ✓

Please enter a valid employee ID: ID should be in the format of "EMPI2345".

Employee Name  
 ✓

Employee Designation  
 ✓

Date  
 ✓

Bank Name  
 ✓

Bank Account Number  
 ✓

Amount  
 ✓

Update & Save

## 6. Salary report page and print

The screenshot shows a web-based salary report for Hotel Peacock Corridor. At the top, there is a navigation bar with links for Home, Resources, Portfolio, Feedback, About US, and Logout. A logo for "HOTEL PEACOCK CORRIDOR" featuring a peacock is on the left.

**Donut Chart:** Shows the distribution of employees by designation: Manager (red), Chef (blue), and Waiter (yellow).

**Line Graph:** Titled "Dataset of Months", it tracks the total amount over time from January to June. The values start at 0 in January, rise to approximately 500,000 in March, peak at about 1,300,000 in April, drop to around 400,000 in May, and end at approximately 300,000 in June.

**Table:**

Employee ID	Employee Name	Employee Designation	Date	Bank Name	Bank Account Number	Amount
EMP00025	Lakmal Herath	Manager	2022-01-07T00:00:00.000Z	Sampath Bank	544641651	100000
EMP00002	Suadarka Dilshan	Waiter	2022-02-05T00:00:00.000Z	Sampath Bank	748164526974	170000

This second screenshot shows the same salary report interface but with different data. The donut chart and line graph are identical to the first one. The table of employee salaries is longer, listing ten employees with their details.

**Table:**

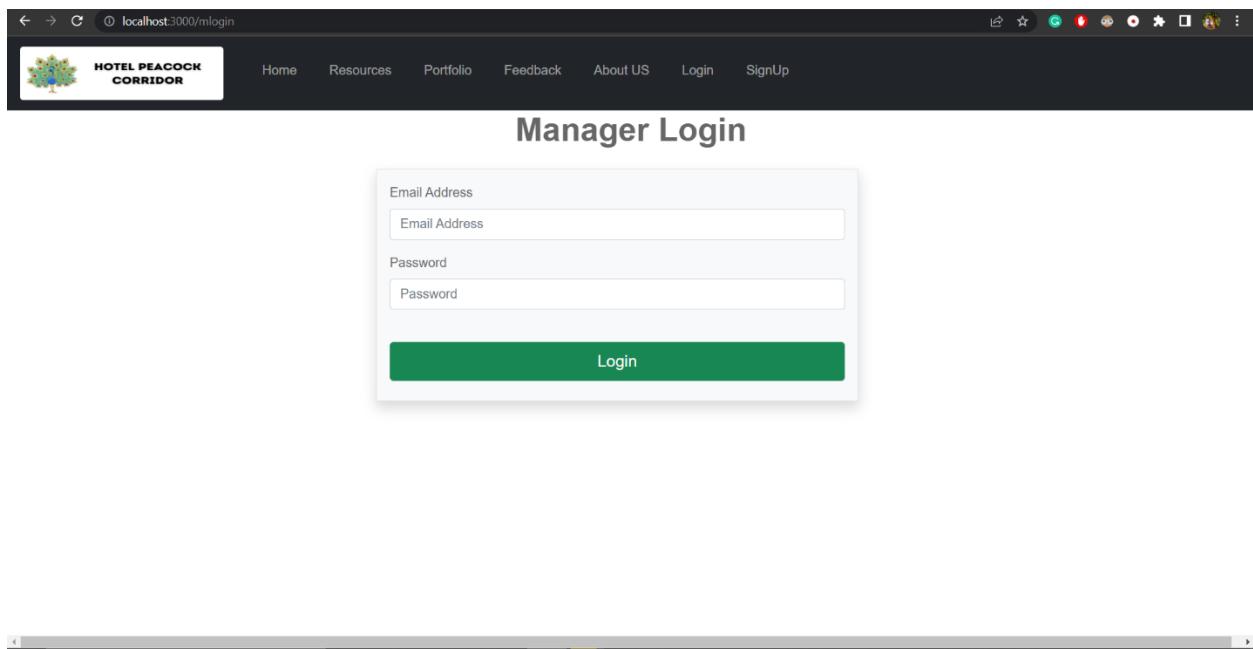
Employee ID	Employee Name	Employee Designation	Date	Bank Name	Bank Account Number	Amount
EMP00025	Lakmal Herath	Manager	2022-01-07T00:00:00.000Z	Sampath Bank	544641651	100000
EMP00002	Suadarka Dilshan	Waiter	2022-02-05T00:00:00.000Z	Sampath Bank	748164526974	170000
EMP00003	Ravindu Sulakshna	Chef	2022-02-28T00:00:00.000Z	BOC Bank	4157565154121	120000
EMP00004	Sudath Silva	Manager	2022-03-17T00:00:00.000Z	BOC Bank	126564613215131	500000
EMP00005	Ranagana herath	Manager	2022-04-13T00:00:00.000Z	Sampath Bank	465664	650000
EMP00006	Kavindu Plumal Yasantha	Chef	2022-04-21T00:00:00.000Z	BOC Bank	8854214	450000
EMP00007	Budika Parsad	Waiter	2022-04-30T00:00:00.000Z	Sampath Bank	234234	250000
EMP00008	Puarnaka Parsad	Chef	2022-05-01T00:00:00.000Z	Sampath Bank	5845245522	150000
EMP00009	Hashini Kulathunga	Manager	2022-05-12T00:00:00.000Z	Sampath Bank	45454522	350000
EMP00010	Sameera Vimukthi	Waiter	2022-06-02T00:00:00.000Z	Sampath Bank	154542	320000

[Print](#)

## Resource Management

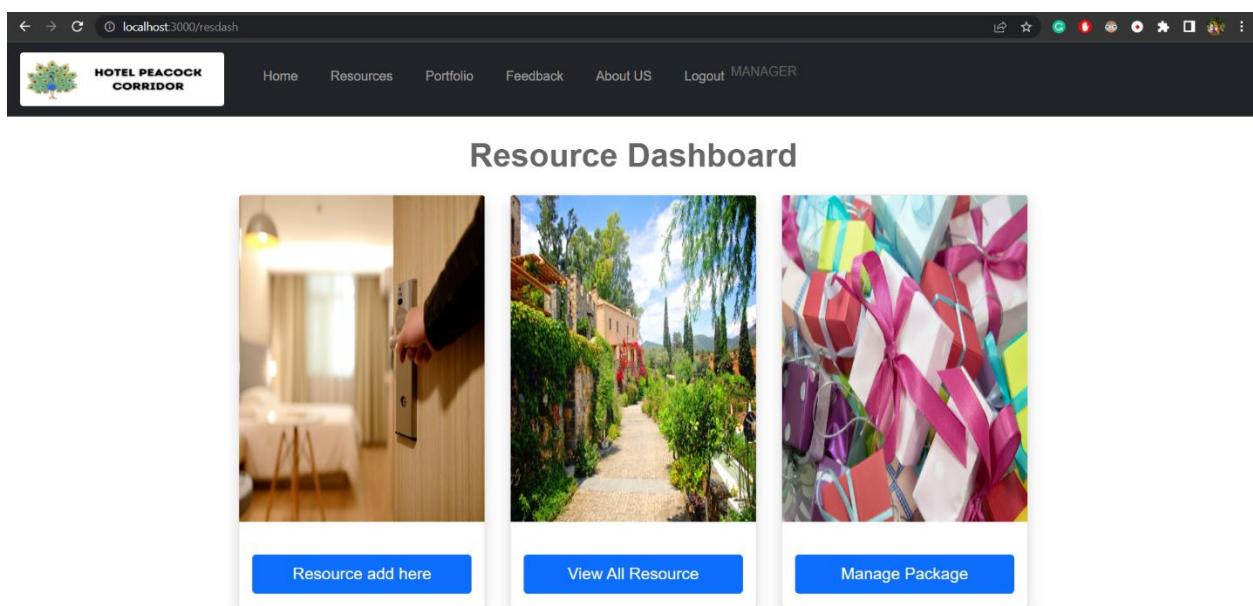
This hotel management system has a resource manager. He can add the new resource to the system, update resource details and he also can remove the resource from the hotel database. At the month-end, he can generate a report about the net in from the total hotel bookings. Also, he manages the Seasonal packages.

## **1. Interface- Manager Login Page**



A screenshot of a web browser showing the 'Manager Login' page. The URL in the address bar is 'localhost:3000/mlogin'. The page features a header with the 'HOTEL PEACOCK CORRIDOR' logo and navigation links for Home, Resources, Portfolio, Feedback, About US, Login, and SignUp. The main content area is titled 'Manager Login' and contains two input fields: 'Email Address' and 'Password', followed by a green 'Login' button.

## **2. Manager Login Page**



A screenshot of a web browser showing the 'Resource Dashboard' page. The URL in the address bar is 'localhost:3000/redash'. The page features a header with the 'HOTEL PEACOCK CORRIDOR' logo and navigation links for Home, Resources, Portfolio, Feedback, About US, Logout, and a 'MANAGER' link. The main content area is titled 'Resource Dashboard' and displays three cards: a room interior card with a 'Resource add here' button, a garden path card with a 'View All Resource' button, and a gift bag card with a 'Manage Package' button.

### 3. Resource Manager Dashboard

localhost:3000/addresses

## Resource Insert Page

Resource Name  
Enter Resource name:

Resource Type  
Select

Resource Number  
Enter Resource Number

Price  
Enter Resource Booking Price

capacity  
Enter capacity

Description  
Enter Description

Resource Image  
Choose File No file chosen

Add Resource

### 4. Resource Insert page

localhost:3000/viewres

HOTEL PEACOCK CORRIDOR

Home Resources Portfolio Feedback About US Logout MANAGER

## All Resource

Resource Name	Resource type	Resource Number	Resource Price	Capacity	Edit	Delete
Outside Pool	Pool	2	25000	100	<a href="#">Update</a>	<a href="#">Delete</a>
Golf Ground	Ground	3	15000	400	<a href="#">Update</a>	<a href="#">Delete</a>
New gym	Other	4	5000	250	<a href="#">Update</a>	<a href="#">Delete</a>

Back to Dashboard

Customer View

Report Generate

## 5. View All Resource

The screenshot shows a web browser window with the URL `localhost:3000/disres`. The title bar says "All Resource". There are three cards:

- Outside Pool**: From RS.25000. A photo of a swimming pool with palm trees. Details: Pool, capacity : 100. Book Now button.
- Golf Ground**: From RS.15000. A photo of a golf ball on a green. Details: Ground, capacity : 400. Book Now button.
- New gym**: From RS.5000. A photo of a gym interior. Details: Other, capacity : 250. Book Now button.

## 6. Resource Update Page

The screenshot shows a web browser window with the URL `localhost:3000/updateres/620e242bd49e38dba53df0c8`. The title bar says "Resource Update Page". On the left is a form:

Resource Name	<input type="text" value="Outside Pool"/>
Resource Type	<input type="text" value="Pool"/>
Resource Number	<input type="text" value="2"/>
Price	<input type="text" value="25000"/>
capacity	<input type="text" value="100"/>
Description	<input type="text" value="A hotel swimming pool is the focal point of any wellness and spa area. Ref"/>
Student Image	<input type="button" value="Choose File"/> No file chosen
<input type="button" value="Submit"/>	

On the right is a colorful cartoon illustration of a landscape with wind turbines, solar panels, a factory, a tractor, a cow, sheep, a sailboat, and a sun.

## 7. Seasonal Package Management page

The screenshot shows a web browser window with the URL `localhost:3000/viewpac`. The page title is "All Package". At the top, there is a navigation bar with links for Home, Resources, Portfolio, Feedback, About US, Logout, and MANAGER. A logo for "HOTEL PEACOCK CORRIDOR" is on the left. Below the title, there is a button labeled "Add New package". A table lists two packages:

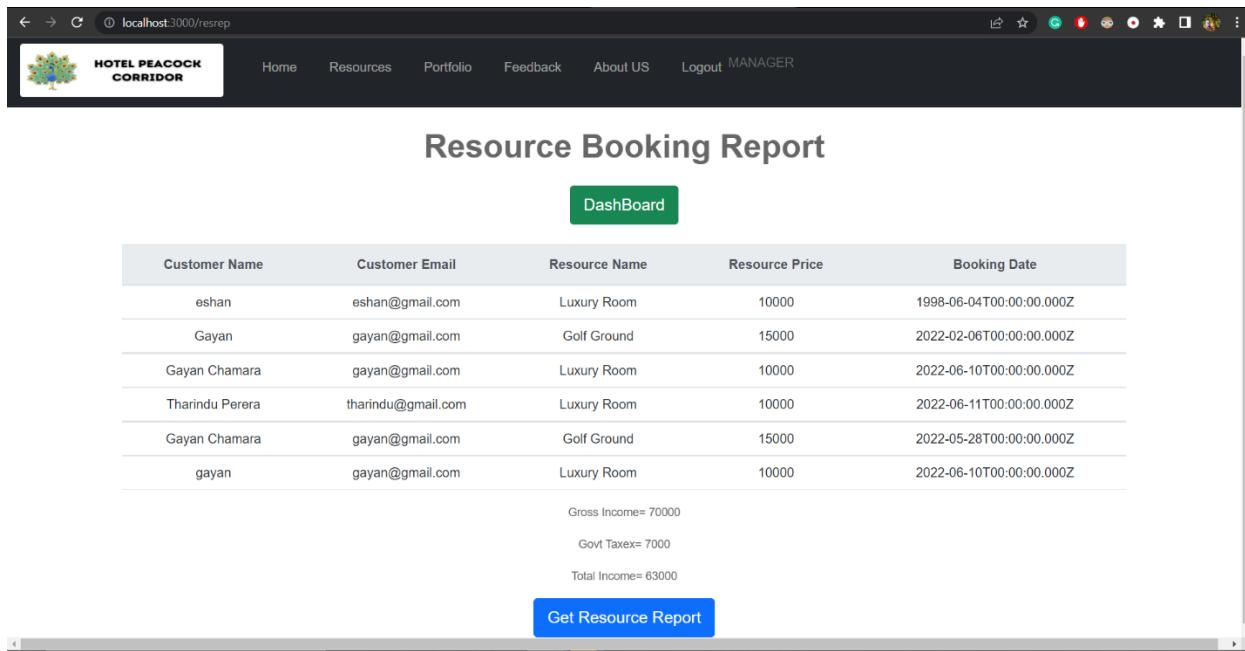
Package Name	Package type	Package Number	TimePeriod	Booking Price	Persons	Description	Update	Delete
christmas couple package	Couple	85	whole December month	25000	2	special package for couples	<button>Update</button>	<button>Delete</button>
aurudu special	Childern	5	1 month	15000	4	good package	<button>Update</button>	<button>Delete</button>

At the bottom, there is a "Back to Dashboard" button.

## 8. Seasonal Package Insert page

The screenshot shows a web browser window with the URL `localhost:3000/addpac`. The page title is "Package Insert Page". On the left, there is a form with fields for Package Name, Package Type, Package Number, Available Time Period, Booking Price, Persons, and Description, each with an associated input field. Below the form is a blue "Submit" button. On the right, there is a large, decorative image of a city street at night, illuminated by numerous Christmas lights hanging from trees and buildings.

## 9. Report View page

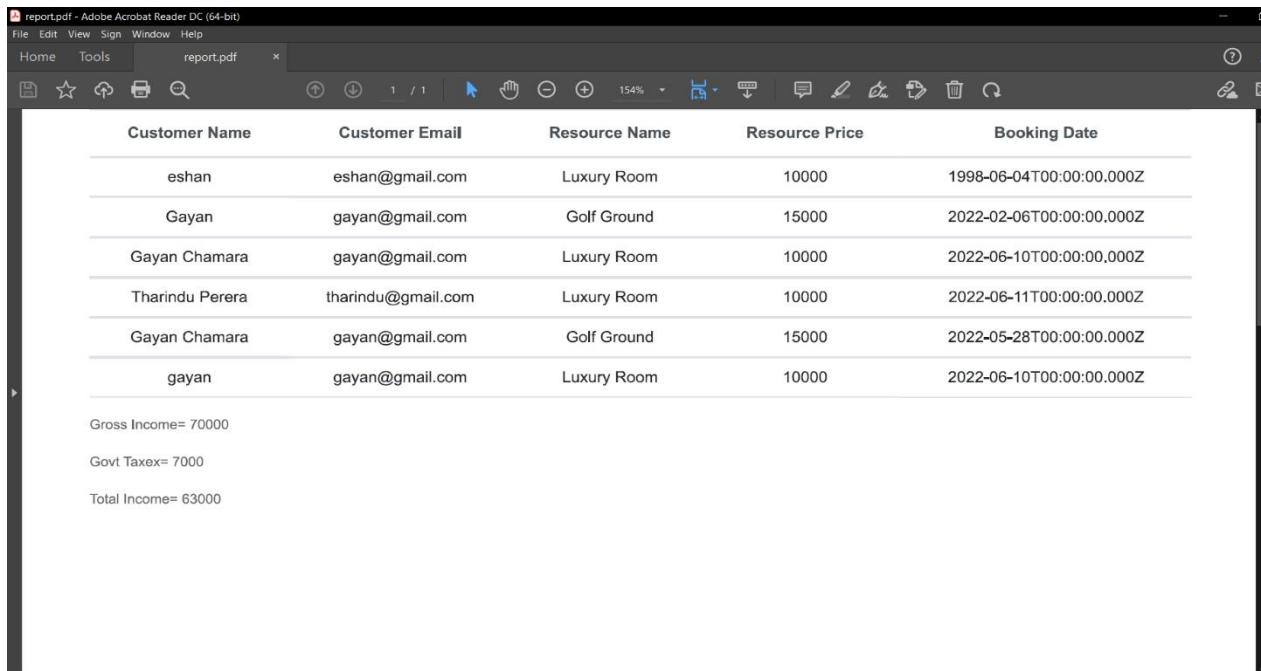


The screenshot shows a web browser window with the URL `localhost:3000/esrep`. The header includes a logo for "HOTEL PEACOCK CORRIDOR" and navigation links for Home, Resources, Portfolio, Feedback, About US, Logout, and MANAGER. The main content is titled "Resource Booking Report" and features a green "DashBoard" button. Below it is a table with columns: Customer Name, Customer Email, Resource Name, Resource Price, and Booking Date. The table data is as follows:

Customer Name	Customer Email	Resource Name	Resource Price	Booking Date
eshan	eshan@gmail.com	Luxury Room	10000	1998-06-04T00:00:00.000Z
Gayan	gayan@gmail.com	Golf Ground	15000	2022-02-06T00:00:00.000Z
Gayan Chamara	gayan@gmail.com	Luxury Room	10000	2022-06-10T00:00:00.000Z
Tharindu Perera	tharindu@gmail.com	Luxury Room	10000	2022-06-11T00:00:00.000Z
Gayan Chamara	gayan@gmail.com	Golf Ground	15000	2022-05-28T00:00:00.000Z
gayan	gayan@gmail.com	Luxury Room	10000	2022-06-10T00:00:00.000Z

Below the table, there are three lines of text: "Gross Income= 70000", "Govt Taxex= 7000", and "Total Income= 63000". A blue "Get Resource Report" button is located at the bottom.

## 10. Generated Report



The screenshot shows a PDF document titled "report.pdf" open in Adobe Acrobat Reader DC. The PDF contains the same table and summary text as the web page, with the following data:

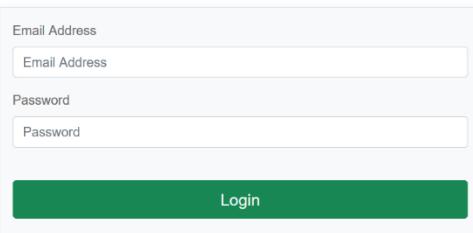
Customer Name	Customer Email	Resource Name	Resource Price	Booking Date
eshan	eshan@gmail.com	Luxury Room	10000	1998-06-04T00:00:00.000Z
Gayan	gayan@gmail.com	Golf Ground	15000	2022-02-06T00:00:00.000Z
Gayan Chamara	gayan@gmail.com	Luxury Room	10000	2022-06-10T00:00:00.000Z
Tharindu Perera	tharindu@gmail.com	Luxury Room	10000	2022-06-11T00:00:00.000Z
Gayan Chamara	gayan@gmail.com	Golf Ground	15000	2022-05-28T00:00:00.000Z
gayan	gayan@gmail.com	Luxury Room	10000	2022-06-10T00:00:00.000Z

Below the table, there are three lines of text: "Gross Income= 70000", "Govt Taxex= 7000", and "Total Income= 63000".

## Catering Management

### 1. Login

The registered Manager is allowed to login to the system by providing the Email Address and Password. If any Provided credentials are invalid an error alert will be displayed. On valid credentials a success alert message will be displayed and redirect to the home page of the portal.



The screenshot shows a login form titled "Manager Login". It features a logo for "HOTEL PEACOCK CORRIDOR" in the top left corner. The top navigation bar includes links for Home, Resources, Portfolio, Feedback, About US, Logout, and MANAGER. The login form itself has fields for "Email Address" and "Password", both represented by input boxes. A large green "Login" button is centered below the fields.

### 2. Food Item Dashboard

After successfully login, will redirected to the Food item dashboard and will be display food items.

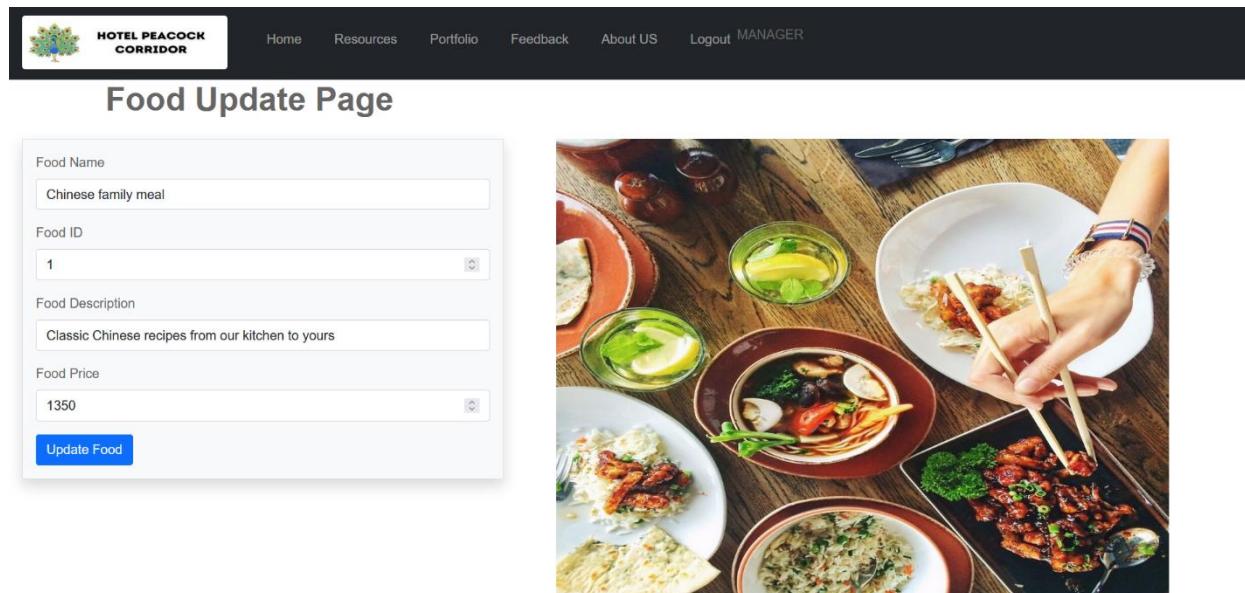


The screenshot shows a "Food Items Dashboard" page. At the top, it features the same "HOTEL PEACOCK CORRIDOR" logo and navigation bar. The main content area displays a table of food items with columns for Food Name, Food ID, Food Description, Food Price, Edit, and Delete. Below the table are two buttons: "Create New Food" and "Generate Food Menu".

Food Name	Food ID	Food Description	Food Price	Edit	Delete
Chinese family meal	1	Classic Chinese recipes from our kitchen to yours	1350	<button>Update</button>	<button>Delete</button>
Indian biriyani	2	Mixed rice dish combining meat with rice and partially fried	1300	<button>Update</button>	<button>Delete</button>
Chicken Biriyani Sawan	3	Served with whole roast chicken	1450	<button>Update</button>	<button>Delete</button>
Cheese pasta	4	This creamy and delicious Italian pasta recipe	950	<button>Update</button>	<button>Delete</button>
Margherita pizza	5	Pizza margherita with san marzano tomatoes mozzarella cheese	1650	<button>Update</button>	<button>Delete</button>
Hot butter cuttlefish	6	Hot butter cuttlefish with chinese cuisine	1250	<button>Update</button>	<button>Delete</button>
Chicken kottu	7	Special chicken kottu	1100	<button>Update</button>	<button>Delete</button>

### **3. Food Items Update Page**

When user click “Create new food” button, will be display food update page and also he can enter the valid data and can do click “Update Food” button.



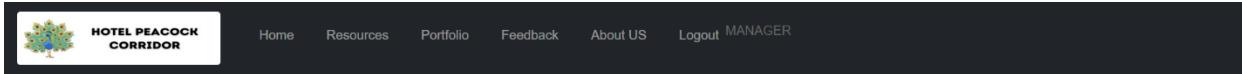
The screenshot shows the 'Food Update Page' of a website. At the top, there is a navigation bar with links for Home, Resources, Portfolio, Feedback, About US, Logout, and a 'MANAGER' link. To the left of the main content area, there is a sidebar containing form fields for updating a food item. The fields include:

- Food Name: Chinese family meal
- Food ID: 1
- Food Description: Classic Chinese recipes from our kitchen to yours
- Food Price: 1350

Below the form is a blue 'Update Food' button. To the right of the form, there is a large, appetizing photograph of various Chinese dishes served on a rustic wooden table, including bowls of soup, plates of stir-fried vegetables, and a hand holding chopsticks over a dish.

### **4. Add Food Item Page**

When user wants to Add some foods, he can click “create new food” button and it will be redirect add food item dashboard. He can enter the some details to add food.



## Add Food Items

Food Name

Food ID

Food Description

Food Price

[Food Items Dashboard](#) [Add Menu](#)

## 5. Generate Food Report Page

This page provides downloadable file which contains a report of all food details.

The screenshot shows a browser window with the URL `localhost:3000/foodreport`. The main content displays a table titled "Food Items Menu" with the following data:

Food Name	Food ID	Food Description	Food Price
Chinese family meal	1	Classic Chinese recipes from our kitchen to yours	1350
Indian biryani	2	Mixed rice dish combining meat with rice and partially fried	1300
Chicken Biryani Sawan	3	Served with whole roast chicken	1450
Cheese pasta	4	This creamy and delicious Italian pasta recipe	900
Margherita pizza	5	Pizza margherita with san marzano tomatoes mozzarella cheese	1650
Hot butter cuttlefish	6	Hot butter cuttlefish with chinese cuisine	1250
Chicken kottu	7	Special chicken kottu	1100

To the right of the table, a print dialog box is open, showing the following settings:

- Print: 1 sheet of paper
- Destination: Save to PDF
- Pages: All
- Color mode: Color
- More settings
- Print using the system dialog...
- Save Cancel

## Human Resources Management

Logging in as HR Manager, the Employee Dashboard will appear. And if you want to add a employee, you can do so by using the Add New button. After clicking the add new button, the Employee Insert Page will appear to enter the employee information. After entering all the required information, click on the Sign-Up button. Then that employee will automatically add to the Dashboard, and it will be displayed. Also, when the first name of the employee is entered in the Search Bar, the employee raw will be display. It also can update as well as delete the information of the employee who entered it. Furthermore, after clicking on the View Profile button, the Employee Details Page will appear, and the relevant employee details are then displayed. You can also access the dashboard again by click the Back To Dashboard button.

### 1. Employee Dashboard

The screenshot shows the 'Employee Dashboard' page. At the top, there is a navigation bar with a logo of a peacock, the text 'HOTEL PEACOCK CORRIDOR', and links for Home, Resources, Portfolio, Feedback, About US, and Logout. Below the navigation bar is a search bar with the placeholder 'Enter Employee's Name' and a 'Search' button. To the right of the search bar is a blue 'Add New Employee' button. The main content area displays a table of employee records. The table has columns for First Name, Last Name, Home Address, Email, Phone Number, Emergency Contact NUmber, View Profile, Details Update, and Details Delete. There are four rows of data in the table:

First Name	Last Name	Home Address	Email	Phone Number	Emergency Contact NUmber	View Profile	Details Update	Details Delete
Saiura	Kavinda	Panadura	nuwan@gmail.com	778989456	56748	<button>View Profile</button>	<button>Update</button>	<button>Delete</button>
Pasindu	Perera	Kaduwela	pasindu@gmail.com	778080987	67894	<button>View Profile</button>	<button>Update</button>	<button>Delete</button>
Prathap	Gavesh	Moratuwa	prathap@gmail.com	713434543	12432	<button>View Profile</button>	<button>Update</button>	<button>Delete</button>
Vishwa	Senadeera	Jaffna	vishwa@gmail.com	716565765	12456	<button>View Profile</button>	<button>Update</button>	<button>Delete</button>

## 2. Add Employee Page

### Employee Insert Page

First Name

Last Name

Home Address

Employee Email

Phone\_Number

Emergency Contact Number

**Sign Up**



## 3. Employee Details Page

 HOTEL PEACOCK CORRIDOR      [Home](#)    [Resources](#)    [Portfolio](#)    [Feedback](#)    [About US](#)    [Logout](#)

### Employee Details Page

Employee First Name

Employee Last Name

Employee Home Address

Employee Email

Employee Phone Number

Manager Emergency Contact Number

**Back To Dashboard**

A large image featuring silhouettes of several business people standing in a row against a background of a world map. The map is composed of clouds and light rays, suggesting a global network or international reach. The people are dressed in professional attire, and one person is holding a briefcase.

#### **4. Employee Update Page**

### **Employee Update Page**

Employee First Name	<input type="text" value="Saiura"/>
Employee Last Name	<input type="text" value="Kavinda"/>
Employee Home Address	<input type="text" value="Panadura"/>
Employee Email	<input type="text" value="nuwan@gmail.com"/>
Employee Phone Number	<input type="text" value="778989456"/>
Manager Emergency Contact Number	<input type="text" value="56748"/>
<input type="button" value="Update"/>	



### **Tour Management**

Tour manager creates tour packages for customers. There is Tour package create form. All the details should enter to the form. Customer can view tour packages and

their details. Manager can view all tours and if there is any issue with tour packages manager can update them by clicking on update button and filling the update form. As well as manager can delete the packages by clicking on delete button.

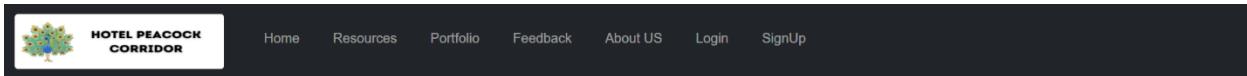
#### **1. Add New Tour Package Page**

Home   Resources   Portfolio   Feedback   About US   Login   SignUp

#### Add New Tour Package

Package Name	<input type="text" value="Enter Item Name"/>
Package Type	<input type="text" value="Enter Package type"/>
Visiting Places	<input type="text" value="Enter Visiting Place"/>
Duration	<input type="text" value="Enter Duration"/>
Vehicle Type	<input type="text" value="Enter Vehicle Type"/>
Maximum Passengers	<input type="text" value="Enter Value"/>

## 2. Tour Manager - View All Tour Packages

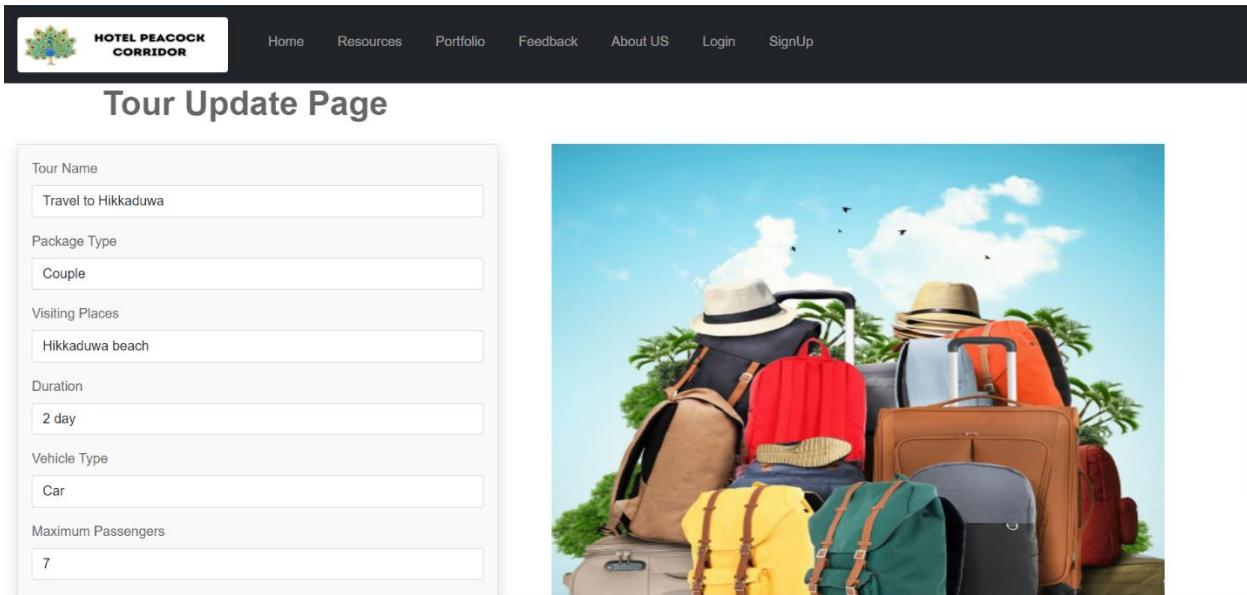


The screenshot shows the top navigation bar of the website. It includes a logo for "HOTEL PEACOCK CORRIDOR" featuring a peacock icon, followed by links for Home, Resources, Portfolio, Feedback, About US, Login, and SignUp.

### All Tours

Package Name	Package Type	Visiting Places	Duration	Vehicle Type	Maximum Passengers	Package Price	Edit	Delete
Travel to Hikkaduwa	Couple	Hikkaduwa beach	2 day	Car	7	14000.00	<button>Update</button>	<button>Delete</button>
Travel to Anuradhapura	family	Buddhist temples	10 days	Van	12	60000.00	<button>Update</button>	<button>Delete</button>
Travel to Ella	Couple	Ella rock 9 arches bridge, little adam's peak	2 Days	Car	2	10000.00	<button>Update</button>	<button>Delete</button>
Travel to Kandy	Family	Temple of tooth relic, botanical gardens	3 days	Car	5	25,000	<button>Update</button>	<button>Delete</button>

## 3. Tour Update Page



The screenshot shows the "Tour Update Page". On the left, there is a form with the following fields:

- Tour Name: Travel to Hikkaduwa
- Package Type: Couple
- Visiting Places: Hikkaduwa beach
- Duration: 2 day
- Vehicle Type: Car
- Maximum Passengers: 7

On the right, there is a decorative image of several colorful suitcases and hats stacked against a blue sky background.

### Feedback Management

From this feedback system, the hotel and customers can keep a better understanding between them. Customers can add feedback to the system. If there is an issue in their feedback that customers entered, they can edit or delete their feedback.

## **1. Add Feedback Page**

We value your Feedback.

Customer Email

Customer Email

Feedback

Feedback

Submit

View Feedback

## **2. All Feedbacks view page**

All Feedbacks

Customer Email	Feedback
yasodara97@gmail.com	test
ama@gmail.com	good
maya@gmail.com	Best
sahannilupul18@gmail.com	Test

Add Your Feedback

## **Inventory Management**

### **1. Manager Login**

Inventory Manager has to login to the Inventory Dashboard through the Manager Login page by providing correct credentials.

The screenshot shows the Manager Login page of the Hotel Peacock Corridor website. At the top, there is a navigation bar with links for Home, Resources, Portfolio, Feedback, About US, Login, and SignUp. The main title "Manager Login" is centered above a form. The form contains fields for "Email Address" (with the value "INvidushika@gmail.com") and "Password" (with the value "....."). A green "Login" button is at the bottom of the form. Below the form, there is a section titled "ABOUT US" with a brief description of the hotel's history and amenities. To the right, there is an "ADDRESS" section with the hotel's location details and a "FOLLOW US" section with social media icons for Facebook, YouTube, Instagram, and Twitter. At the bottom, there is a copyright notice: "© 2022 Copyright :".

## 2. Inventory Dashboard

The Inventory Manager will be directed to the Inventory Dashboard after successfully logging into system. The Inventory Manager will be able to create new item to the inventory, edit, delete, and search the available items, generate inventory report, and access all the activities related to purchase order by clicking on the respected buttons.

The screenshot shows the Inventory Dashboard page of the Hotel Peacock Corridor website. At the top, there is a navigation bar with links for Home, Resources, Portfolio, Feedback, About US, and Logout. The main title "Inventory Dashboard" is centered above a table. The table has columns for ID, Item, Description, Qty, Price, and Action. The data in the table is as follows:

ID	Item	Description	Qty	Price	Action
1	Bedsheet	King size	20	500	<a href="#">Edit</a> <a href="#">Delete</a>
2	Towel	white	10	200	<a href="#">Edit</a> <a href="#">Delete</a>
3	Pillow	Side Pillow	20	300	<a href="#">Edit</a> <a href="#">Delete</a>
4	Covering sheet	King Size	100	2000	<a href="#">Edit</a> <a href="#">Delete</a>
5	Towel	white	19	200	<a href="#">Edit</a> <a href="#">Delete</a>
6	Towel	white	10	200	<a href="#">Edit</a> <a href="#">Delete</a>

At the bottom of the dashboard, there are three buttons: "Create New Item" (green), "Generate Inventory Report" (gray), and "Generate Purchase Order" (gray). Below the dashboard, there is a section titled "ABOUT US" with a brief description of the hotel's history and amenities. To the right, there is an "ADDRESS" section with the hotel's location details and a "FOLLOW US" section with social media icons for Facebook, YouTube, Instagram, and Twitter. At the bottom, there is a copyright notice: "© 2022 Copyright :".

## 3. Create Item Page

Inventory Manager will be able to create a new item by filling the form given which asks for the item name, description, quantity, and price. Frontend validations have been made to this form to input the data in the required type where the name and the description should in letters, and the quantity and the price

should be in numbers. By clicking on “Save”, entered new item will be created and displayed on the dashboard along with the other available items in the inventory.

The screenshot shows a web browser window for 'localhost:3000/addi'. The header includes a logo for 'HOTEL PEACOCK CORRIDOR' and navigation links for Home, Resources, Portfolio, Feedback, About Us, Login, and SignUp. Below the header is a button labeled 'Inventory Dashboard'. The main content area is titled 'Create New Item'. It contains four input fields: 'Item' (value: 'bedsheet'), 'Description' (value: 'king size'), 'Qty' (value: 'fefef'), and 'Price' (value: 'Enter Price'). A validation message 'Please match the requested format.' is displayed next to the Qty field. A green 'Save' button is at the bottom. At the bottom of the page, there are sections for 'ABOUT US', 'ADDRESS', and 'FOLLOW US' with social media icons.

**ABOUT US**  
This hotel was earlier a luxurious Colonial bungalow and it was re-constructed and added a breath-taking infinity swimming pool best in area, elegantly furnished rooms. Enjoy the location, great service, extra comfort, affordable prices when you book.

**ADDRESS**  
Lathpandura  
Molkawa Road  
Palanda Junction  
Sri Lanka

**FOLLOW US**

© 2022 Copyright :

#### 4. Edit Item Page

Edit Item Page will be displayed on the screen when the Inventory Manager clicks the button “Edit” which is assigned to edit each item in the same row. The current details of the Item will be retrieved in the form and the manager has to make changes and click on “Update Item” to update the changes, the edit page will remain still to recheck the edited data and the manager has to click on button “Inventory Dashboard” to navigate to the Inventory Dashboard page.

**Edit Item Page**

Name	Bedsheet
Qty	20
Description	King size
Price	500

**ABOUT US**  
This hotel was earlier a luxurious Colonial bungalow and it was re-constructed and added a breath-taking infinity swimming pool best in area, elegantly furnished rooms. Enjoy the location, great service, extra comfort, affordable prices when you book

**ADDRESS**  
Lathpandura  
Molkawa Road  
Palanda Junction  
Sri Lanka

**FOLLOW US**

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## 5. Inventory Report Generation Page

When the Inventory Manager clicks on button “Generate Inventory” the current inventory in hand will appear on the Inventory Report Generation Page With the date and time it’s generated, Item name, quantity, price, and the total value of each. The Manager will be able to print the report by clicking on the “Print Report” button.

ID	Item	Description	Qty	Price	Total Value
1	Bedsheet	King size	20	500	10000
2	Towel	white	10	200	2000
3	Pillow	Side Pillow	20	300	6000
4	Covering sheet	King Size	100	2000	200000
5	Towel	white	19	200	3800
6	Towel	white	10	200	2000

 Below the table is a green 'Print Report' button. The page footer includes sections for 'ABOUT US', 'ADDRESS', and 'FOLLOW US' with social media icons."/>

**Inventory Report of Hotel Peacock Corridor**

5/27/2022, 3:48:22 PM

ID	Item	Description	Qty	Price	Total Value
1	Bedsheet	King size	20	500	10000
2	Towel	white	10	200	2000
3	Pillow	Side Pillow	20	300	6000
4	Covering sheet	King Size	100	2000	200000
5	Towel	white	19	200	3800
6	Towel	white	10	200	2000

**ABOUT US**  
This hotel was earlier a luxurious Colonial bungalow and it was re-constructed and added a breath-taking infinity swimming pool best in area, elegantly furnished rooms. Enjoy the location, great service, extra comfort, affordable prices when you book

**ADDRESS**  
Lathpandura  
Molkawa Road  
Palanda Junction  
Sri Lanka

**FOLLOW US**

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## 6. Inventory Report printing UI

This is the Inventory Report printing display, the inventory manager will be able to download, print, and cancel the printing according to his requirement.

The screenshot shows a web browser window with the URL [localhost:3000/report](http://localhost:3000/report). The page title is "Inventory Report of Hotel Peacock Corridor". The report table includes columns for ID, Item, Description, Qty, Price, and Total Value. The data is as follows:

ID	Item	Description	Qty	Price	Total Value
1	Bedsheet	King size	20	500	10000
2	Towel	white	10	200	2000
3	Pillow	Side Pillow	20	300	6000
4	Covering sheet	King Size	100	2000	200000
5	Towel	white	19	200	3800
6	Towel	white	10	200	2000

To the right of the report, a "Print" dialog is open with the following settings:

- Destination: Microsoft Print to PDF
- Pages: All
- Color: Color

At the bottom right of the report area, there is a "FOLLOW US" section with icons for Facebook, YouTube, Instagram, and Twitter. At the very bottom, there is a copyright notice: "© 2022 Copyright :".

## 7. Generate Purchase Order Page

When the Inventory Manager clicks on button “Generate Purchase Order” the items that are added to the purchase order previously will be displayed on the Generate Purchase Order Page With the date and time it's generated, Item name, quantity, price, and the total value of each. The Manager will be able to print the report by clicking on the “Print Report” button. From this page the inventory manager will be able to search and view the items which are added to purchase order.

The screenshot shows a web browser window with the URL [localhost:3000/purchaseOrder](http://localhost:3000/purchaseOrder). The page title is "Purchase Order Of Hotel Peacock Corridor". At the top, there is a navigation bar with links for Home, Resources, Portfolio, Feedback, About US, Login, and SignUp. A logo for "HOTEL PEACOCK CORRIDOR" is on the left. Below the navigation is a search bar labeled "Search". The main content area displays a table of purchase order items:

ID	Item	Description	Qty	Price	Total Value
1	Bedsheet	King size	20	500	10000
2	Covering Sheet	King size - white	20	500	10000
3	bed	king bed	11	10000	110000
4	Towel	white	5	200	1000
5	bedsheet	king size	10	500	5000

Below the table are four buttons: "Add New Item" (green), "Action" (yellow), "Send to supplier" (grey), and "Print" (black).

**ABOUT US**  
This hotel was earlier a luxurious Colonial bungalow and it was re-constructed and added a breath-taking infinity swimming pool best in area, elegantly furnished rooms. Enjoy the location, great service, extra comfort, affordable prices when you book.

**ADDRESS**  
Lathpandura  
Molkawa Road  
Palanda Junction  
Sri Lanka

**FOLLOW US**

### 8. Add Item to the purchase order page

Inventory Manager will be able to add a new item to the purchase order by filling the form given which asks for the item name, description, quantity, and price. Frontend validations have been made to this form to input the data in the required type where the name and the description should in letters, and the quantity and the price should be in numbers. By clicking on “Save”, entered new item will be created and displayed on the purchase order along with the other items added to the purchase order previously.

Figure 11 8. Add Item to the purchase order page

Add New Item to Purchase Order

Item  
Enter Name

Description  
Enter Description

Qty  
Enter Qty

Price  
Enter Price

**Save**

**ABOUT US**  
This hotel was earlier a luxurious Colonial bungalow and it was re-constructed and added a breath-taking infinity swimming pool best in area, elegantly furnished rooms. Enjoy the location, great service, extra comfort, affordable prices when you book.

**ADDRESS**  
Lathpandura  
Molkawa Road  
Palanda Junction  
Sri Lanka

**FOLLOW US**

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### 9. Purchase Order – Actions page

By clicking on the “Actions” button, which is displayed on the Purchase order Generation Page, the inventory manager can search, edit, and delete the items which are added to the purchase order.

Figure 12 9. Purchase Order – Actions page

**Purchase Order - Actions**

ID	Item	Description	Qty	Price	Total Value	Action
1	Bedsheet	King size	20	500	10000	
2	Covering Sheet	King size - white	20	500	10000	
3	bed	king bed	11	10000	110000	
4	Towel	white	5	200	1000	
5	bedsheet	king size	10	500	5000	

**ABOUT US**  
This hotel was earlier a luxurious Colonial bungalow and it was re-constructed and added a breath-taking infinity swimming pool best in area, elegantly furnished rooms. Enjoy the location, great service, extra comfort, affordable prices when you book.

**ADDRESS**  
Lathpandura  
Molkawa Road  
Palanda Junction  
Sri Lanka

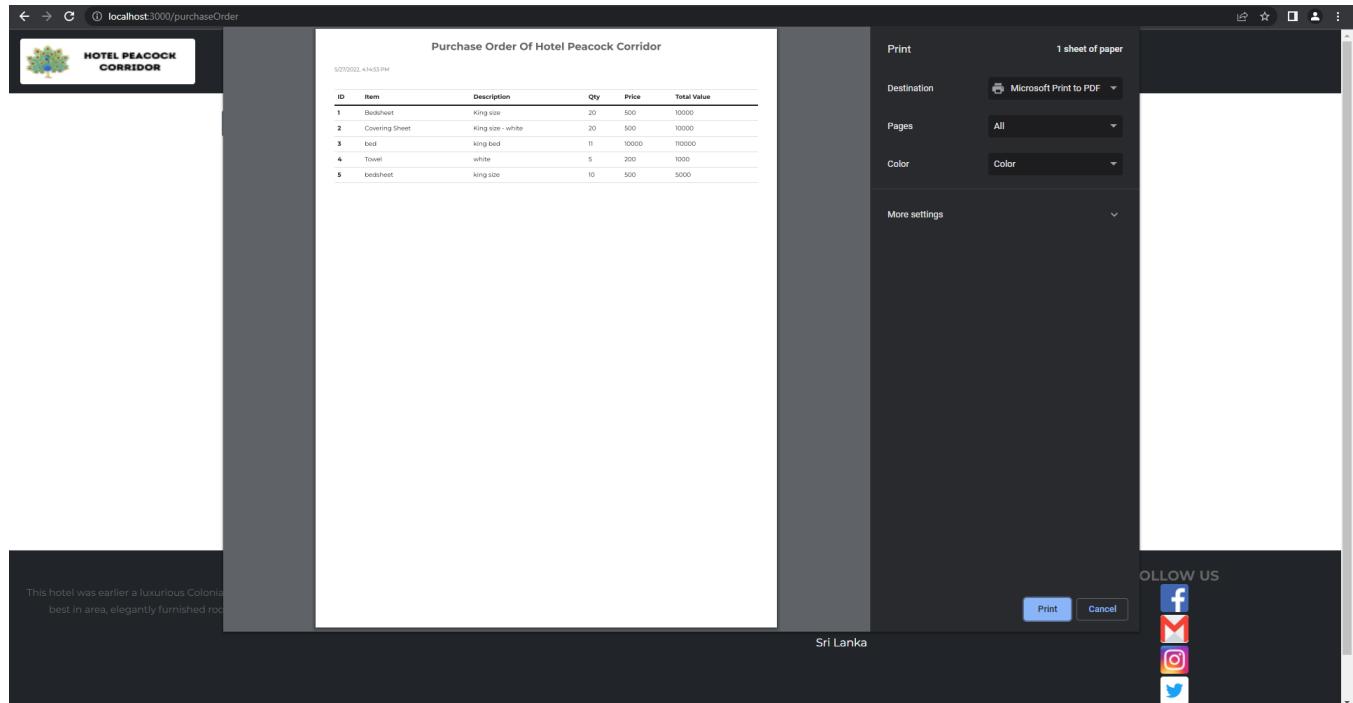
**FOLLOW US**

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## **10. Purchase order printing UI**

By clicking on the “Print” button, which is displayed on the Purchase order Generation Page, The Inventory Manager can print. Purchase order printing UI, download, and cancel the print view according to the requirements.

*Figure 13 10. Purchase order printing UI*



## **2.4 Testing**

### **Supplier Management**

*2.4 Testing Table 1 Supplier Register to the hotel system*

<b>Group ID: WD_B02_ITP_G12</b>	
<b>Project title: Hotel Management System</b>	
<b>Testing Function 1: Supplier Register to the hotel system</b>	
<b>Test case ID: HP001</b>	<b>Test designed by: Reg. No- IT20665166 Name- S N Punchihewa</b>

<b>Test priority (High/Medium/Low):</b>	High				
<b>Test Description:</b> Supplier Register to the hotel system					
<b>Preconditions (if there are any):</b> Supplier must provide correct details to register					
<b>Dependencies (if there are any):</b>					
<b>Test steps:</b>					
I. Supplier clicks on the sign up on navigation II. Navigate to supplier register page III. Provide the correct and valid details to register the system IV. Click the Register button V. System prompts message supplier register successfully otherwise display error message					
<b>Test executed Group ID:</b>					
<b>Test Executed members details:</b>					
<b>Reg. No-</b> IT20659844					
<b>Name-</b> Rathnayaka L.W.M.K					
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments
HP001_a	<b>Supplier Name:</b> Sahan Punchihewa <b>Email Address:</b> sahan@gmail.com <b>Phone Number:</b> 0711653807 <b>Company Name:</b> Native Encode Solution Company <b>Address:</b> 44/1, 1st lane old kesbewa road, gangodavila Nugegoda <b>Material Type:</b> Computer Accessories <b>Supplier Gender:</b> Male <b>Password:</b> 123456	Display Message “Supplier Register Successfully” and Create supplier register form should be display in the Admin Supplier Management Page.	Display Message “Supplier Register Successfully” and Create supplier register form should be display in the Admin Supplier Management Page.	Pass	Supplier registration successfully All the fields are validated as require fields. Comment: Data insert has been successfully and inserted into the database.

<b>HP001_b</b>	<b>Supplier Name:</b> Sahan Punchihewa <b>Email Address:</b> sahan@gmail.com <b>Phone Number:</b> 0711653807 <b>Company Name:</b> Native Encode Solution <b>Address:</b> 44/1, 1st lane old kesbewa road, gangodavila Nugegoda <b>Material Type:</b> "" <b>Supplier Gender:</b> Male <b>Password:</b> 123456	Display message "Please Fill out this field"	Same as expected output	Pass	Supplier has to fill all the fields correctly and then supplier can register to the system
HP001_c	<b>Supplier Name:</b> Sahan Punchihewa <b>Email Address:</b> "" <b>Phone Number:</b> 0711653807 <b>Company Name:</b> Native Encode Solution <b>Address:</b> 44/1, 1st lane old kesbewa road, gangodavila Nugegoda <b>Material Type:</b> Computer Accessories <b>Supplier Gender:</b> Male <b>Password:</b> 123456	Display message "Please Enter email in a correct format"	Same as expected output	Pass	Supplier has to fill the email field correct format and then supplier can register into the system.

#### 2.4 Testing Table 2 Update Supplier Details

Testing Function 2: Update Supplier Details	
<b>Test case ID:</b> HP002	<b>Test designed by:</b> Reg. No- IT20665166 Name- S N Punchihewa

<b>Test priority (High/Medium/Low):</b>	High				
Test Description: Check the supplier details when supplier submit the details in register form					
Preconditions (if there are any): Supplier must have to log into the system					
Dependencies (if there are any):					
Test steps:  I. Supplier must have to log into the hotel system II. Navigate to supplier profile page III. Click profile edit button IV. Edit particular field V. Click save button					
Test executed Group ID: Test Executed members details: Reg. No- IT20659844 Name- Rathnayaka L.W.M.K					
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments
HP002	<b>Supplier Name:</b> Sahan Nilupul Punchihewa <b>Email Address:</b> sahan@gmail.com <b>Phone Number:</b> 0711653807 <b>Company Name:</b> Native Encode Solution <b>Company Address:</b> 44/1, 1st lane old kesbewa road, gangodavila Nugegoda <b>Material Type:</b> Computer Accessories	Display Message “Supplier details updated Successfully” And The updated details should be display supplier profile and All supplier page	Display Message “Supplier details updated Successfully” And The updated details should be display supplier profile and All supplier page	Pass	Supplier Management function updated successfully All input fields are validate as require fields Comment: Supplier updated data has been successfully insert into the database.

	<b>Supplier Gender:</b> Male				
	<b>Password:</b> 123456				

### Testing Function 3: Supplier Management

<b>Logic in Interfaces</b>	<b>Validation and proper error messages</b>	<b>Connected to the database</b>	<b>Easy to use, User friendliness</b>	<b>Easy navigation</b>	<b>Function is complete (%)</b>
All required fields are existing	Every field has proper error messages for validation	There is a proper database connection	Contain User-Friendly interfaces	Easy to navigation	Overall function has completed 90%

## User Management

### 2.4 Testing Table 3 Update Manager Details

Testing Function 003: Update Manager Details					
<b>Test case ID: HP003</b>	Test designed by: Reg. No- IT20665098 Name- Prabodha K.W.D.S				
Test priority (High/Medium/Low):	High				
Test Description: System Admin can update Manager Data.					
Preconditions (if there are any): System Admin must log in to the system					
Dependencies (if there are any):					
Test steps:					
<ol style="list-style-type: none"><li>I. Login to the system using System Admin login credentials.</li><li>II. Page navigates to Admin Dashboard.</li><li>III. Click on button, Managers.</li><li>IV. Page redirects to managers Page.</li><li>V. Click on View Manager Details Button.</li><li>VI. Page redirects to Manager Details Page.</li><li>VII. Click on the update button inn front the relevant Manager Details Raw.</li><li>VIII. Enter new data to the relevant fields of the form.</li><li>IX. Click on button, Update Manager.</li></ol>					
Pass-condition: <ul style="list-style-type: none"><li>• System prompts message, “Manager Updated successfully”.</li><li>• Updated details will be displayed on the View Manager Page.</li></ul>					
Test executed Group ID: Test Executed members details: Reg. No- IT20659844 Name- Rathnayaka L.W.M.K					
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments

HP003	Fill form: - Enter the name value as “Kasun Bandara”, instead of “Kasun”. Enter the Address Value as “130/Maharagama”, instead of “78/Maharagama”. And click on button ‘Update Manager’	System shows the message, Manager Updated Successfully. Updated values will be displayed in the View Manager Page.	System shows the message, Manager Updated Successfully. View all page loaded with the updated values.	Pass	<ul style="list-style-type: none"> <li>• Validations are implemented to check the input validity</li> <li>• Database successfully updated with the entered input values</li> </ul>
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## 2.4 Testing Table 4 Customer Register to the system

<b>Testing Function 004: Customer Register to the system</b>										
<b>Test case ID: HP004</b>	Test designed by: Reg. No- IT20665098 Name- Prabodha K.W.D.S									
Test priority (High/Medium/Low):	High									
Test Description: Customer creates an account and register to the system.										
Preconditions (if there are any): Customer should visit to the Hotel web site.										
Dependencies (if there are any):										
Test steps:										
I. Visit to the site using site URL. II. Page redirects to the “Hotel Peacock Corridor.” III. Click on the “Sign Up” button in the navigation bar’ IV. Page navigates to User Sign Up page. V. Click on the “Sign Up as a Customer” button. VI. Page redirected to the Customer Register Page. VII. Fill the registration form with the relevant details VIII. Click on the Button Sign Up.										
Pass-condition: <ul style="list-style-type: none"> <li>• System prompts message, “Customer Added Successfully.”</li> <li>• Page redirected to the Customer Dashboard.</li> </ul>										
Test executed Group ID: WD_B02_ITP_G16 Test Executed members details: Reg. No- IT20664626 Name-Wickramasinghe I.D										
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments					
HP004	Fill form: “Name: Tharindu Kumara Email: tharindu@gmail.com	System will show the message “Customer registered	System shows message, “Customer registered	Pass	• All the validations are implemented					

	<p>Phone Number: 0712285236  Address: 56,Maradhana  NIC: 987526314V  DOB:1987/05/23  Gender:Male  Password:123456  " And click the button Sign Up</p>	<p>registered Successfully". Page will redirected to the customer Dash Board.</p>	<p>Successfully". Page redirected to the Customer Dash Board.</p>		<ul style="list-style-type: none"> <li>Entered Data Successfully added to the database.</li> </ul>
--	---	---	---	--	--

Testing Function 003/004: User Management/ Customer and Booking Management					
Logic in Interfaces	Validation and proper error messages	Connected to the database	Easy to use, User friendliness	Easy navigation	Function is complete (%)
No issues	Have front end validations to check the validity of the inputs and display messages if inputs are invalid.	There is proper connection.	Easy to use and there is a proper connection through-out the system.	Buttons and links are provided to navigate through the system easily	Overall function has few issues. 80% completed.

## Finance Management

### 2.4 Testing Table 5 Finance Management Salary Details Adding

Testing Function 5: Finance Management Salary Details Adding									
<b>Test case ID:</b> HP005		Test designed by: Reg. No- IT20637200 Name- C.M.K.P.Yasantha							
Test priority (High/Medium/Low):		High							
Test Description: Finance Manager input the salary details									
Preconditions (if there are any): Manager should be logging to the system									
Dependencies (if there are any):									
Test steps:									
<ol style="list-style-type: none"> <li>1. Navigate the salary details adding page</li> <li>2. In the ‘Employee ID’ field, enter the employee id as the text</li> <li>3. In the ‘Employee Name’ field, enter the employee’s name as text</li> <li>4. In the ‘Employee Designation’ field, enter the employee’s name as text</li> <li>5. In the ‘Date’ field, select the date</li> <li>6. In the ‘Bank Account’, field, enter the bank account as number</li> <li>7. In the ‘Amount’, field, enter the amount as number</li> <li>8. Click submit button</li> </ol>									
Pass-condition: Alert “Paysheet Added Successfully”									
Test executed Group ID: Test Executed members details: Reg. No- IT20650216 Name- Muhammad M.N									
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments				
HP005	Employee ID : Emp 1475 Employee Name: Ravindu	Alert “Paysheet Added Successfully”	Alert “Paysheet Added Successfully”	Pass					

	Employee Designation: Manager Date: 20/04/2022 Bank Account: 25488151412 Amount: 784500				
	Employee ID : Emp 1489 Employee Name: Kavindu Employee Designation: Manager Date: 20/04/2022 Bank Account: 254881GHFGB Amount: 78450	Alert "Please enter the number"	Alert "Please enter the number"	Pass	
	Employee ID : Emp 1475 Employee Name: Piumal Employee Designation: Manager Date: 20/04/2022 Bank Account: 25488151412 Amount:	Alert "Please complete all fields"	Alert "Please complete all fields"	Pass	

## 2.4 Testing Table 6 Finance Management Salary Details Update

<b>Testing Function 6: Finance Management Salary Details Update</b>										
<b>Test case ID: HP006</b>	Test designed by: Reg. No- IT20637200 Name- C.M.K.P Yasantha									
Test priority (High/Medium/Low):	High									
Test Description: Finance Manager update the salary details										
Preconditions (if there are any): Manager should be logging to the system										
Dependencies (if there are any):										
Test steps:										
<ol style="list-style-type: none"> <li>1. Navigate the salary details update page</li> <li>2. In the ‘Employee ID’ field , update the employee id as the text</li> <li>3. In the ‘Employee Name’ field, update the employee name as text</li> <li>4. In the ‘Employee Designation’ field, update the employee name as text</li> <li>5. In the ‘Date’ field, select the date</li> <li>6. In the ‘Bank Account’, field, update the bank account as number</li> <li>7. In the ‘Amount, field update the amount as number</li> <li>8. Click update button</li> </ol>										
Pass-condition: Alert “Paysheet update Successfully”										
Test executed Group ID: Test Executed members details: Reg. No- IT20650216 Name- Muhammad M.N										
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments					
HP006	Update the Date: 20/05/2022	Alert “Paysheet update Successfully”	Alert “Paysheet update Successfully”	Pass						

	Update the Bank Account: 254881GHFGB	Alert "Please enter the number"	Alert "Please enter the number"	Pass	
	Update the Amount: empty	Alert "Please complete all fields"	Alert "Please complete all fields"	Pass	

Testing Function 3: Finance Management Salary Details Adding					
Logic in Interfaces	Validation and proper error messages	Connected to the database	Easy to use, User friendliness	Easy navigation	Function is complete (%)
No issues	Have validations and error messages for input	There is proper connection to the database	User-friendly	Yes	90% completed

## Resource Management

### 2.4 Testing Table 7 Update Resource Details

Testing Function 7: Resource Management – Update Resource Details										
<b>Test case ID: HP007</b>	Test designed by: Reg. No-IT20662028 Name-H.R.H.S.Bandara									
Test priority (High/Medium/Low):	High									
Test Description:	Update resource from details with new details									
<p>Preconditions (if there are any): Resource manager must be logged into the system.</p> <p>Dependencies (if there are any):</p>										
Test steps:										
<ol style="list-style-type: none"> <li>1. Login to the system using recourse manager login credentials.</li> <li>2. Select the Resource if you want to edit and click the update button.</li> <li>3. Enter the new details to resource form.</li> <li>4. Click the update button.</li> </ol>										
<p>Pass-condition:</p> <ul style="list-style-type: none"> <li>• Alert “Resource Updated” and retrieve the view all resource page.</li> </ul>										
<p>Test executed Group ID:WD_B02_ITP_G16</p> <p>Test Executed members details:</p> <p>Reg. No-IT20626624</p> <p>Name-Kashmila H.C.V</p>										
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments					
HP007	Update Resource details :- 1.Resource Name:Don peter 2.Resource Type:Pool	If new resource details updated successfully, the system	All the updating details updated successfully. updating the	Pass	<ul style="list-style-type: none"> <li>• All the validations are working.</li> <li>• New update details are successfully</li> </ul>					

	<p>3.Resource Number:001          4.Price:Rs.15000          5.Capacity:250          6.Description :new pool</p>	<p>shows the popup message “Resource updated” and automatically retrieve to view all resource page.</p>	<p>resource details pop up message will display which “Resource updated”. Automatically retrieve to the view all resource page.</p>		<p>going to the database.</p> <ul style="list-style-type: none"> <li>• Alert message is displaying successfully.</li> <li>• Updated resource details are displaying in the view resource page.</li> </ul>
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## 2.4 Testing Table 8 Add New Resource

Testing Function 8: Add New Resource								
Test case ID: HP008			Test designed by: Reg. No-IT20662028 Name-H.R.H.S.Bandara					
Test priority (High/Medium/Low):			Medium					
<p>Test Description:</p> <p>Create a new package to view the customers who visited to the site.</p>								
<p>Preconditions (if there are any):</p> <p>Resource manager must be logged into the system.</p> <p>Dependencies (if there are any):</p>								
Test steps:								
<ol style="list-style-type: none"> <li>1. Resource manager should be logged into the system.</li> <li>2. Click add new package button in the Resource manager Home page.</li> <li>3. Enter details to all field.</li> <li>4. Click add package button.</li> <li>5. Check if the newly created Package is in the view all package page .</li> </ol>								
<p>Test executed Group ID:</p> <p>Test Executed members details:</p> <p>Reg. No-IT20626624</p> <p>Name-Kashmila H.C.V</p>								
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments			
HP008	<b>Add a new Package</b> <u>Inputs</u> Package Name <ul style="list-style-type: none"> <li>• Christmas</li> </ul> Package Type <ul style="list-style-type: none"> <li>• Family</li> </ul> Package Number	System shows alert message, package added. Page redirected to the view all package page	All the validations are successfully working. After creating a new package popup message will display which,	Pass	<ul style="list-style-type: none"> <li>• All the validations are working.</li> <li>• Entered package details inputs are successfully going to the database.</li> <li>• Pop up message is</li> </ul>			

	<ul style="list-style-type: none"> <li>• 001 Available Time Period</li> <li>• In new year season</li> <li>Booking Price •25000 Persons</li> <li>•10 Description</li> <li>•Good package for family And click on Button ‘Add Package’</li> </ul>		”Package added” and retrieve to the view all package page.		successfully displaying. <ul style="list-style-type: none"> <li>• Created Package displayed in resource manager view all package page and customers can see on their home page.</li> </ul>	
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Testing Function 3: Eg: Resource management					
Logic in Interfaces	Validation and proper error messages	Connected to the database	Easy to use, User friendliness,	Easy navigation	Function is complete (%)
No issue	There are proper Validations to check user inputs. It shows error messages if inputs are invalid.	Have proper data base connection.	Very attractive user-friendly interfaces.	Can navigate to each page using buttons and routes.	The function is 80% completed successfully.

## Catering Management

## 2.4 Testing Table 9 Creating food item

Testing Function 9: Catering Management - Creating food item								
Test case ID: HP009		Test designed by: Reg. No- IT20628840 Name- Gajasinghe TD						
Test priority (High/Medium/Low):		High						
Test Description: Add food items to food items page								
Preconditions (if there are any): Catering manager must be logged in to the system								
Dependencies (if there are any):								
Test steps:								
I. Catering Manager should be logged into the system II. Click add food III. Enter details to all fields IV. Click add menu V. Check if the newly created food item in the food item page								
Pass-condition: After submitting the form, newly created Food item should be in the view food list								
Test executed Group ID: Test Executed members details: Reg. No- IT20660666 Name- Mendis T.S								
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments			
HP009	<b>INPUTS</b> Create a food item Food Name • Kottu Food ID • 001 Food Description • Tasty Food	If validations Are success Will display to food item page	All the validations are successfully working. After creating a food item., Message will	Pass	<ul style="list-style-type: none"> <li>All the validations are working.</li> <li>Entered inputs are successfully going to the database.</li> </ul>			

	Food price <ul style="list-style-type: none"> <li>• 550</li> </ul>		display which, "Food added"		<ul style="list-style-type: none"> <li>• Alert message is successfully displaying.</li> <li>• Created Food item is displayed in the food item page.</li> </ul>
	Food Name <ul style="list-style-type: none"> <li>• Food ID</li> <li>• 001</li> </ul> Food Description <ul style="list-style-type: none"> <li>• Tasty Food</li> </ul> Food price <ul style="list-style-type: none"> <li>• 550</li> </ul>	Warning Message "please fill out this field"	Warning Message "please fill out this field"	Pass	Correctly worked. Warning massage is shown

## 2.4 Testing Table 10 Edit Food Items

Testing Function 10: Notices Management – Edit Food Items								
Test case ID: HP0010		Test designed by: Reg. No- IT20665166 Name- Gajasinghe TD						
Test priority (High/Medium/Low):		Medium						
Test Description: When edit food item, we can see edited item								
Preconditions (if there are any): Catering manager must be logged in to the system								
Dependencies (if there are any):								
Test steps:								
VI. Catering Manager should be logged into the system VII. Click Edit VIII. Enter the details we want to edit IX. Click Edit X. Check if the newly edited food item								
Pass-condition: After edited the food, newly edited Food item should be in the view food list								
Test Executed members details: Reg. No- IT20660666 Name- Mendis T.S								
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments			
HP010	Edit Food Item  INPUTS TO EDIT  Food Name • kottu Food ID	If validations Are success Will display to food item page	All the validations are successfully working. After edited a food item., Message will display which,	Pass	<ul style="list-style-type: none"> <li>All the validations are working.</li> <li>Entered inputs are successfully going to the database.</li> </ul>			

	<ul style="list-style-type: none"> <li>• 001</li> <li>Food Description</li> <li>• Tasty Food</li> <li>Food price</li> <li>• 850</li> </ul>		“Food Item Was edited”		<ul style="list-style-type: none"> <li>• Alert message is successfully displaying.</li> <li>• Edited Food item is displayed in the food item page.</li> </ul>
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Testing Function 3: Catering Management					
Logic in Interfaces	Validation and proper error messages	Connected to the database	Easy to use, User friendliness	Easy navigation	Function is complete (%)
	Have validations and error message for inputs	Too many navigations in the header. Some component needs to refreshing to work	Easy to use and have implemented search function too.	No back navigation	Overall function has few issues. 80% completed.

## Human Resource Management

### 2.4 Testing Table 11 Input employee data function in Employee Management System

<b>Testing Function 1:</b> Input employee data function in Employee Management System	
<b>Test case ID:</b> HP011	<b>Test designed by:</b> <b>Reg. No - IT20631574</b> <b>Name - Dharitha G.H.S</b>
<b>Test priority (High/Medium/Low):</b>	High
<b>Test Description:</b>	
↳ Employee profile details added by the system admin	
<b>Preconditions (if there are any):</b>	
↳ ID maximum characters 04 ↳ First name maximum characters 10 ↳ Last name maximum characters 10 ↳ Home Address maximum characters 50 ↳ Email maximum characters 15 ↳ Phone number maximum 10 characters ↳ Emergency contact number maximum characters 10 ↳ NIC number maximum characters 10 ↳ EPF number maximum characters 05 ↳ Date of birth data type date	
<b>Dependencies (if there are any):</b>	
↳ Not applicable	

<b>Test steps:</b>
↗ Employee Navigates to employee details page
↗ Employee enter the correct employee details
↗ Select submit button
<b>Pass-condition:</b>
↗ Employee added employee details correctly as per the preconditions.

<b>Reg. No - IT20658922</b>					
<b>Name - Hulugalla W.M.M.P</b>					
<b>Test ID</b>	<b>Test Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Result (Pass/ Fail)</b>	<b>Comments</b>
<b>HP0 11</b>	ID - 00012	Display warning- "Invalid input characters limit exited "	Display warning- "Invalid input characters limit exited "	Pass	Correctly worked Displayed warnings
	ID - 0001	Do not display warning	Do not display warning	Pass	Correctly worked
	First Name- AMaliiiPerera	Display warning- "Invalid input characters limit exited "	Display warning- "Invalid input characters limit exited "	Pass	Correctly worked Displayed warnings
	First Name - Amal	Do not display warning	Do not display warning	Pass	Correctly worked

	Last Name - peraraaaaaaaaa	Display warning- "Invalid input characters limit exited "	Display warning- "Invalid input characters limit exited "	Pass	Correctly worked Displayed warnings	
	Last Name - perera	Do not display warning	Do not display warning	Pass	Correctly worked	
	Home Address - 123/1, panadura	Do not display warning	Do not display warning	Pass	Correctly worked	
	Email - amal@gmail.com	Do not display warning	Do not display warning	Pass	Correctly worked	
	Phone Number - 077345678945	Display warning- "Invalid input characters limit exited "	Display warning- "Invalid input characters limit exited "	Pass	Correctly worked Displayed warnings	
	Phone Number - 0773456789	Do not display warning	Do not display warning	Pass	Correctly worked	
	NIC Number - 199989345612	Display warning- "Invalid input characters limit exited "	Display warning- "Invalid input characters limit exited "	Pass	Correctly worked Displayed warnings	
	NIC Number - 1999893456	Do not display warning	Do not display warning	Pass	Correctly worked	

	EPF Number - 123476	Display warning- "Invalid input characters limit exited "	Display warning- "Invalid input characters limit exited "	Pass	Correctly worked Displayed warnings	
	EPF Number - 564	Do not display warning	Do not display warning	Pass	Correctly worked	
	Date Of Birth - 123876	Display warning- "Invalid data form "	Display warning- "Invalid data form "	Pass	Correctly worked Displayed warnings	
	Religion – Buddhist	Do not display warning	Do not display warning	Pass	Correctly worked	
	Race - Sinhala	Do not display warning	Do not display warning	Pass	Correctly worked	
	License number - 199978654323 45	Display warning- "Invalid input characters limit exited "	Display warning- "Invalid input characters limit exited "	Pass	Correctly worked Displayed warnings	
	License number - 1999676545	Do not display warning	Do not display warning	Pass	Correctly worked	
	Vehicle Number - ABC 23458907	Display warning- "Invalid input characters limit exited "	Display warning- "Invalid input characters limit exited "	Pass	Correctly worked Displayed warnings	

	Vehicle Number – ABC 2345	Do not display warning	Do not display warning	Pass	Correctly worked	
	ID – 0001 First Name - Amal Last Name –	Pop up "Employee details successfully added"	Pop up "Employee details successfully added"	Pass	Successful popup showed Correctly worked	
	Home Address – 123/1, panadura Email – <a href="mailto:amal@gmail.co">amal@gmail.co</a>  Phone Number – 0773456789 NIC Number – 1999893456 EPF Number – 564 Religion – Buddhist Race - Sinhala License number – 1999676545					

	<p>ID - 0001</p> <p>First Name - Empty</p> <p>Last Name - perera</p> <p>Home Address - 123/1, panadura</p> <p>Email - <a href="mailto:amal@gmail.co">amal@gmail.co</a></p> <p>Phone Number - 0773456789</p> <p>NIC Number - 1999893456</p> <p>EPF Number - 564</p>	<p>Warning showed - "Please enter the First name"</p>	<p>Warning showed - "Please enter the First name"</p>	Pass	Correctly worked Displayed warnings	
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	<p>Religion - Buddhist</p> <p>Race - Sinhala</p> <p>License number - 1999676545</p> <p>Vehicle Number - ABC 2345</p> <p>Click submit button</p>					
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*2.4 Testing Table 12 Search employee details for employee management system*

**TestingFunction2:** Search employee details for employee management system

<b>Test case ID :</b> HP012	<b>Test designed by:</b>  <b>Reg. No -</b> IT20631574  <b>Name –</b> Dharitha G.H.S
<b>Test priority (High/Medium/Low):</b>	Medium
<b>Test Description:</b>	
☛ Search employee details by user ID	
<b>Preconditions (if there are any):</b>	
☛ Search only by Employee ID	
<b>Dependencies (if there are any):</b>	
☛ Not applicable	
<b>Test steps:</b>	
☛ Enter Employee ID in the search box	
☛ Click search button	
<b>Pass-condition:</b>	
☛ View all the data off the employee that is searched by the user.	

**Reg. No -** IT20658922

**Name –** Hulugalla W.M.M.P

<b>Test ID</b>	<b>Test Inputs</b>	<b>Expected Output</b>	<b>Actual Output</b>	<b>Result (Pass/Fail)</b>	<b>Comments</b>
<b>HP011</b>	Search employee ID that is in the system - E001	View employee details	View employee details	Pass	Viewed all employee details

	Search employee ID that is not in the system - E0013	View warning- "Wrong Employee ID"	View warning- "Wrong Employee ID"	Pass	Correctly worked Displayed warnings	
	Enter Employee name in the search- Amal	View warning- "Wrong Employee ID"	View warning- "Wrong Employee ID"	Pass	Correctly worked Displayed warnings	
	Click search button without adding any data into search	View warning- "Wrong Employee ID"	View warning- "Wrong Employee ID"	Pass	Correctly worked Displayed warnings	

**Testing Function 3:** Delete employee details from the employee management system

<b>Test case ID: HP012</b>	<b>Test designed by:</b>  <b>Reg. No - IT20631574</b> <b>Name - Dharitha G.H.S</b>
<b>Test priority (High/Medium/Low):</b>	High
<b>Test Description:</b>	
☛ Delete employee details by user ID	
<b>Preconditions (if there are any):</b>	
☛ Delete Employee by Employee ID	
<b>Dependencies (if there are any):</b>	
☛ Not applicable	
<b>Test steps:</b>	
☛ Enter Employee ID in input field	
☛ Click Delete button	

	<b>Pass-condition:</b>  View Success full delete message pop up.					
	<b>Reg. No - IT20658922</b>					
	<b>Name – Hulugalla W.M.M.P</b>					
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments	
HP012	Enter employee ID that is in the system and click Delete button -	Delete E001 Employee data	Delete E001 Employee data	Pass	View Success full delete message pop up.	
	Enter employee ID that is not in the system and click Delete button - E0013	View warning- "Wrong Employee ID"	View warning- "Wrong Employee ID"	Pass	Correctly worked Displayed warnings	
	Enter Employee name in the input field and click Delete button - Amal	View warning- "Wrong Employee ID"	View warning- "Wrong Employee ID"	Pass	Correctly worked Displayed warnings	

	Click Delete button without adding any data into search	View warning- "Wrong Employee ID"	View warning- "Wrong Employee ID"	Pass	Correctly worked Displayed warnings	
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#### Testing Function 4: Employee management

Logic in Interfaces	Validation and proper error messages	Connected to the database	Easy to use, User friendliness	Easy navigation	Function is complete (%)
1.Picture upload is not added.  2.Data input confirmation message is	1. Data type validation are not explained well.	1. Data transfer is little bit slower	1.Navigation buttons like back buttons are not added  2.Help and	1.Navigation buttons like back buttons are not added	Overall functions have only few issues and system works 95% well.

## Tour Management

### 2.4 Testing Table 13 Add new tour package to the system

<b>Testing Function 13: Add new tour package to the system</b>					
Test case ID: HP0013	Test designed by: Reg. No- IT20663704 Name- Wijethilaka R S S Y				
Test priority (High/Medium/Low):	Medium				
Test Description: Tour manager creates new tour packages with tour details.					
Preconditions (if there are any): Tour manager must login to the system.					
Dependencies (if there are any):					
Test steps:  Navigate to Create Tour Package page. In the ‘Package Name’ field, enter a package name. In the ‘Package Type’ field, enter a package type. In the ‘Visiting Places’ field, enter a visiting place. In the ‘Duration’ field, enter a duration. In the ‘Vehicle Type’ field, enter a vehicle type. In the ‘Maximum Passengers’ field, enter maximum passengers. In the ‘Package Price’ field, enter a package price. Click on ‘Submit’ button to create package.					
<b>Pass-condition:</b> Alert “New Package Added”					
Test executed Group ID: Test Executed members details: Reg. No- IT20297268 Name- Nethsarani H.A.K					
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments

HP013	<p>Package Name: Trip to Galle</p> <p>Package Type: Couple</p> <p>Visiting Places: Galle Fort, Beach</p> <p>Duration: 2 days</p> <p>Vehicle Type: Car</p> <p>Maximum Passengers: 2</p> <p>Package Price: Rs.12000.00</p>	<p>Alert message showing "New Package Added"</p>	<p>Alert message showing "New Package Added"</p>	<b>Pass</b>		
	<p>Package Name: Trip to Kandy</p> <p>Package Type: Family</p> <p>Visiting Places: Galle Fort, Beach</p> <p>Duration: 2 days</p> <p>Vehicle Type: Car</p> <p>Maximum Passengers: aa</p> <p>Package Price: Rs.12000.00</p>	<p>Display error message "Please provide"</p>	<p>Display error message "Please"</p>	<b>Pass</b>		

*2.4 Testing Table 14 Update tour packages in Tour Management System*

<b><u>TestingFunction2: UpdatetourpackagesinTourManagementSystem</u></b>										
<b>Test case ID : HP014</b>	<b>Test designed by:</b> Reg. No- IT20663704 <b>Name-</b> Wijethilaka R S S Y									
<b>Test priority (High/Medium/Low):</b>	Medium									
<b>Test Description:</b> Tour Manager update latest changes to tour package details.										
Preconditions (if there are any): Tour manager must login to the system. Tour package should have added.										
Dependencies (if there are any):										
Test steps:										
Navigate to all Tours page Click on 'Update' button that need to update package. Change necessary details. Click on 'Update Tour' button.										
<b>Pass-condition:</b> Updated tour details										
Test executed Group ID: Test Executed members details: Reg. No- IT20297268 Name- Nethsarani H.A.K										
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments					
<b>HP014</b>	Change Package type into Group.	Package Name: Trip to	Package Name: Trip to Kandy	<b>Pass</b>						

	{Package Name: Trip to Kandy Package Type: Family Visiting Places: Galle Fort, Beach Duration: 2 days Vehicle Type: Car Maximum Passengers: aa Package Price: Rs.12000.00}	Kandy Package Type: Group Visiting Places: Galle Fort, Beach Duration: 2 days Vehicle Type: Car Maximum Passengers: aa Package Price: Rs.12000.00	Package Type: Group Visiting Places: Galle Fort, Beach Duration: 2 days Vehicle Type: Car Maximum Passengers: aa Package Price: Rs.12000.00		
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### Testing Function 3: Eg: Tour management

Logic in Interfaces	Validation and proper error messages	Connected to the database	Easy to use, User friendliness,	Easy navigation	Function is complete (%)
No issues	Have validation and display error message for <u>inputs</u>	There is proper connection to the <u>database</u>	1.back button is not provided	1.Navigation is hard because no back button	Overall function has some issues with 60% completed.

## Inventory Management

### 2.4 Testing Table 15 Create Inventory Item

<b><u>TestingFunction15: Create Inventory Item</u></b>	
<b>Test case ID:</b> HP015	Test designed by: Reg.NoIT20010362 Name- Francis J V
<b>Test priority (High/Medium/Low):</b>	Medium
<b>Test Description:</b> Inventory Manager creates new items with details.	
Preconditions (if there are any): The Inventory Manger must log into the system.	
Dependencies (if there are any):	
Test steps:	
<ol style="list-style-type: none"><li>I. Login to the system using Inventory Manager login credentials.</li><li>II. Page redirects to Inventory Dashboard.</li><li>III. Click on button, Create new item.</li><li>IV. Page redirects to create new item form.</li><li>V. Fill the form by providing item name, description, quantity, and price.</li><li>VI. Click on button, Save.</li></ol>	
<b>Pass-condition:</b> <ul style="list-style-type: none"><li>• System prompts message, Created successfully.</li><li>• Created new item will be displayed on the dashboard.</li></ul>	
Test executed Group ID: Test Executed members details:	

Reg. No- IT20038182 Name- Madubhashana A.G.K					
Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments
Test_015	<b>Fill form:</b> - Name: Bedsheet Description: King size Qty: 50 Price: 500.00 <b>And click on button 'Save'</b>	System prompts message, Created successfully.  Created new item will be added to the stock and displayed on the dashboard with all the inserted data.	System prompts message, Created successfully.  Created new item will be displayed on the dashboard with all the inserted data.	Pass	

## 2.4 Testing Table 16 Delete Item from Inventory

### **Testing Function 16: Delete Item from Inventory**

**Test case ID:** Test\_16

**Test designed by:**

**Reg. No-** IT20010362

**Name-** Francis J V

**Test priority (High/Medium/Low):**

Medium

**Test Description:** Inventory manager deletes item from the stock.

Preconditions (if there are any):

The Inventory Manager must log into the system.

Dependencies (if there are any):

Test steps:

- I. Login to the system using Inventory Manager login credentials.
- II. Page redirects to Inventory Dashboard.
- III. Click on button “Delete” on an item row which contains its name, description, quantity, and price on the inventory table.

**Pass-condition:**

- System prompts message, Deleted successfully.
- Deleted item and its data will be removed from the inventory table.

Test executed Group ID:

Test Executed members details:

Reg. No- IT20038182

Name- Madubhashana A.G.K

Test ID	Test Inputs	Expected Output	Actual Output	Result (Pass/Fail)	Comments
Test_16	<b>Click ‘Delete’ button on the row where</b>	System prompts message, “Deleted successfully”.	System prompts message, “Deleted successfully”.	Pass	

	<p>"Name: Bedsheet Description: King size Qty: 50 Price: 500.00 " <b>Are displayed (Which are the data of a particular item)</b></p>	<p>Deleted item will be removed from the inventory table which is displayed on the dashboard.</p>	<p>Delete item will be removed from the inventory which is displayed on the dashboard.</p>		
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<b>Testing Function 3: Inventory management</b>					
<b>Logic in Interfaces</b>	<b>Validation and proper error messages</b>	<b>Connected to the database</b>	<b>Easy to use, User friendliness,</b>	<b>Easy navigation</b>	<b>Function is complete (%)</b>
No issues	Have validations and prompt messages for actions.	There is proper connection.	Easy to use and have implemented search function too.	Navigation button is available to return to the inventory dashboard.	Overall function has few issues. 80% completed.

### **3. Evaluation**

#### **3.1 Assessment of the project results**

This system has been developed for Hotel Peacock Corridor after a good analysis of the client requirements. As a whole, the project was judged to have met all of the client's objectives while also included some extra features. The total coverage of each of the functionalities and the user-friendliness of the UI designs can be cited as highly valued qualities. The group had identified nine separate scopes based on each of the individual capabilities. Each of these scopes had all of the relevant logics implemented. Furthermore, all of the particular scopes were completed.

However, several flaws in the final product may be assessed as well. According to the evaluators' comments, the system should have been more professional. Furthermore, the system proved more difficult to develop than anticipated, allowing for tiny adjustments to every function. Furthermore, developing a totally safe and fraud-free solution was a huge difficulty, which can be considered a project limitation.

As a result, the project was completed to a high degree, with all necessary specifications, logics, and functionality. The reported flaws and limits will be addressed in the future, as well as a few other implementations, in order to make this product a complete software package.

#### **3.2 Lesson Learned**

Learning to work well as part of a team or group is a crucial ability that may be polished and applied throughout one's career. Group projects are one of the most beneficial and rewarding ways to learn. Many variables contributed to the team members' ability to better and strengthen their personal careers when evaluating the ITP group project. More importantly, the team was able to focus on numerous intelligent decisions throughout the project by recognizing and sharing the unique opinions among the members. Accepting and understanding the various activities and functions that were allocated at the start of the project and effectively completing them played an important role in the project's progress. This will allow members to repeat the process in future carrier initiatives. One of the most important learning outcomes was completing the assignment on time. This learning outcome is a crucial trait that must be a primary motivator for a person's achievement. Finally, learning to compromise and communicate effectively with team members aided the group in achieving its common purpose.

### **3.3 Future Work**

Due to a shortage of time, many various adjustments, testing, and experiments have been postponed. Future study will focus on a more in-depth examination of specific systems, new recommendations to test other ways, or simply curiosity. Displaying new arrivals and coming soon products among the fresh proposals can improve client interest and pleasure. Another suggestion is to improve the client-side interfaces in a more professional manner, which would raise consumer interest in our system. Furthermore, a crucial recommendation is the implementation of a delivery tracking system that will ensure that a customer's order is delivered securely. It has also been suggested that payment gateway mechanisms be implemented to simplify online payment transactions between customers and the company. Finally, allowing customers to make suggestions and comments will assist the organization in improving, developing, and implementing the needs of the customers, ultimately raising the organization's standard.

## **4. Conclusion**

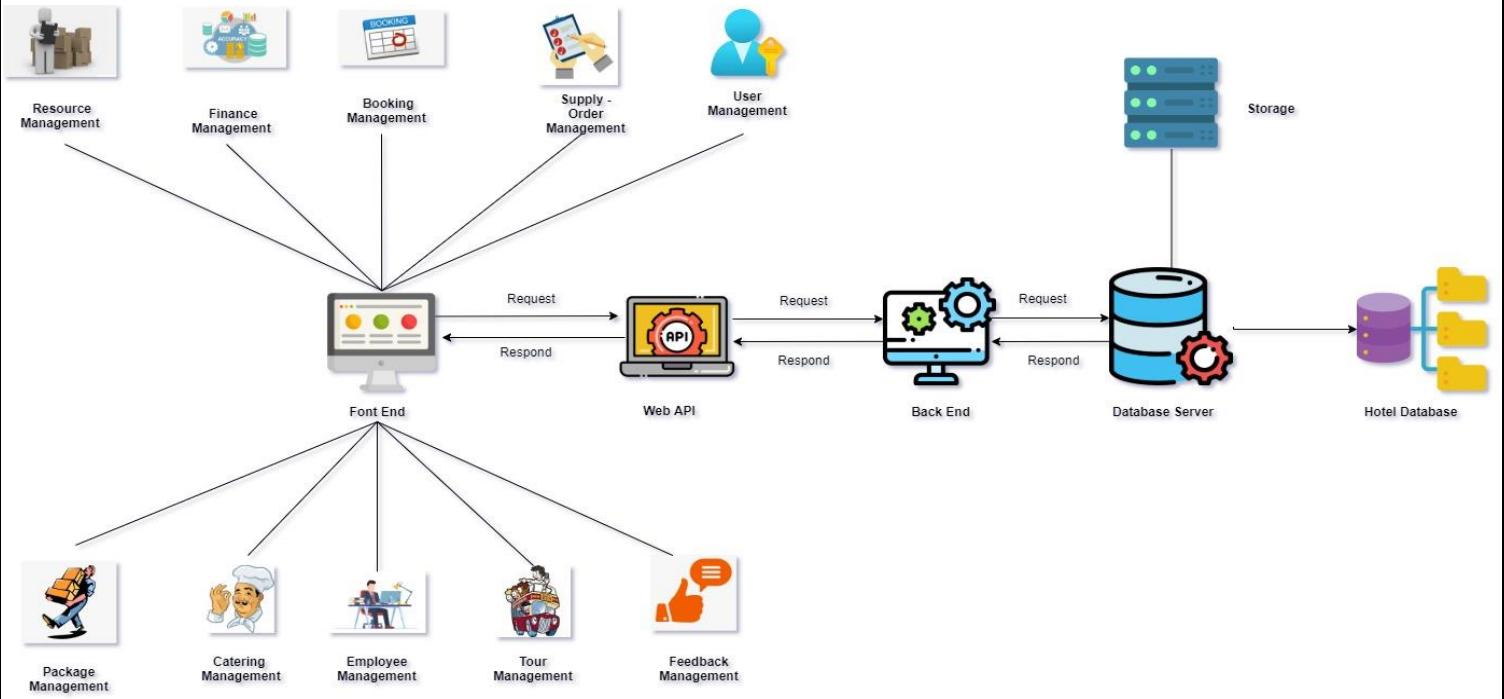
The goal of this project was to automate the manual processes of handling the hotel's daily activities for the client who runs the hotel described above. Handling tasks manually was a potential issue for the hotel during the requirements gathering and analysis, and the main goal of developing this system was to automate the entire system while providing users with an interactive experience and allowing management to facilitate their day-to-day tasks efficiently and easily. Furthermore, the system was created in accordance with the company's customer-client criteria. When the final system was delivered to the client, the attorneys concluded that the constructed online system adequately met the client's needs.

However, some shortcomings like lack of professionalism and few could be identified in the system. As a team Future plan have been implemented to overcome them. This system is developed using MERN which is a full-stack, following the traditional 3-tier architectural pattern, including the front-end display tier (React.js), application tier (Express.js and Node.js), and database tier (MongoDB), due to their flexibility, security, and performance. Building an entirely fool proof system is an extremely difficult task. Therefore, to overcome such limitations continuous maintenance is required.

Overall, it can be concluded that the created system meets all of the client's functional and non-functional needs, adds capabilities that were not requested by the client, and aids the organization's processes through automation, which has reduced errors and fraudulent activities. As a result, the company will be more efficient and productive.

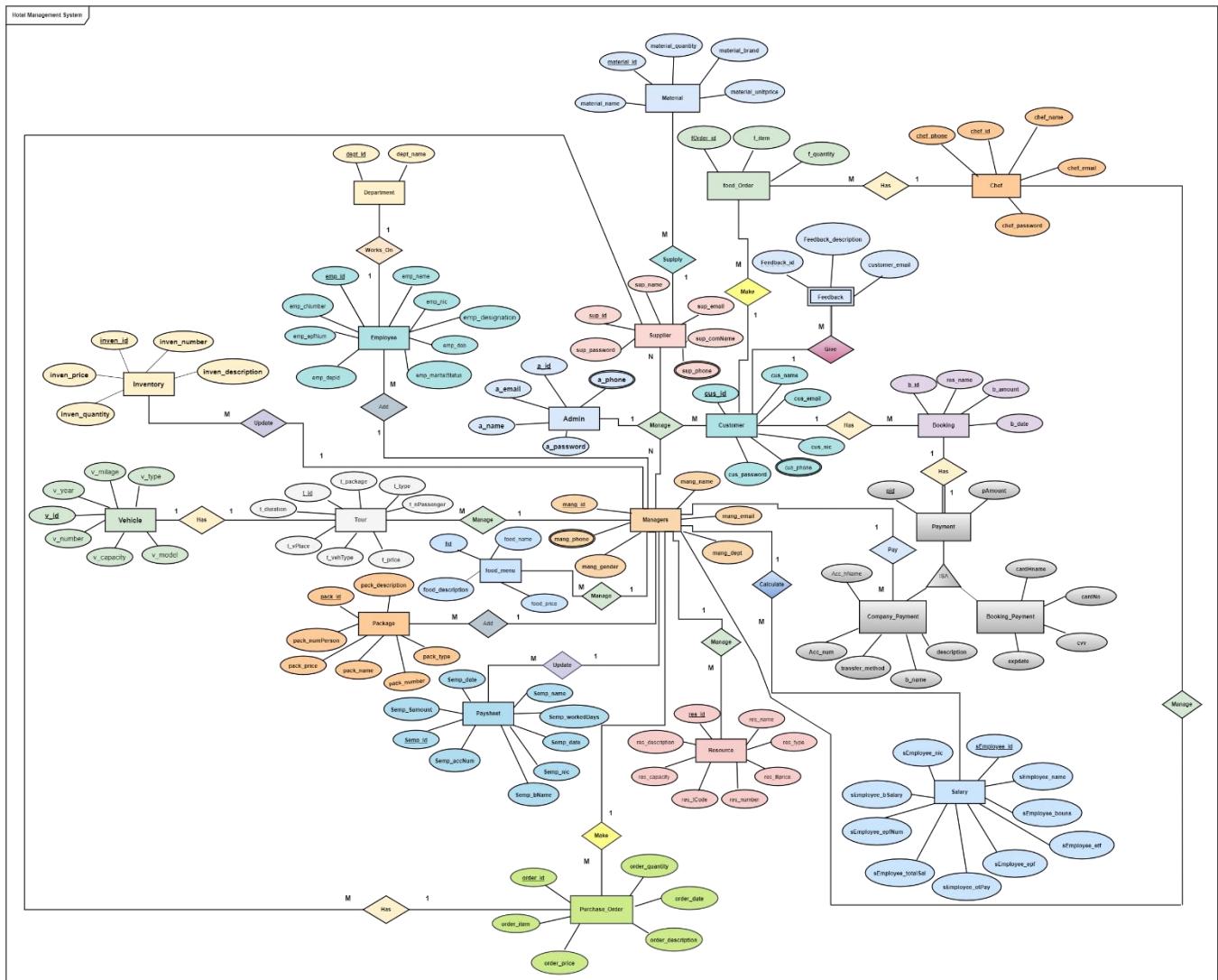
## Appendix A: High level architecture diagram

Figure 14 Appendix A: High level architecture diagram



## **Appendix B: Entity Relational Diagram**

*Figure 15 Appendix B ER Diagram*



## Appendix C: Selected Code Listings

```
import "./App.css";

//Public Pages
import Header from "./Components/Navbar/Header";
import Home_page from "./Components/HomePage/Home_page";
import Resources_Page from "./Components/ResourcesPage/Resources_Page";
import Portfolio from "./Components/Portfolio/Portfolio";
import Feedback from "./Pages/FeedBack/Add_feedback";
import AboutUs from "./Pages/AboutUs/About_US";
import Login from "./Components/Login/Login";
import RegisterDashboard from "./Components/Register/RegisterDashboard";
import Add_feedback from "./Pages/FeedBack/Add_feedback";
import ViewFeedback from "./Pages/FeedBack/View_feedback";
import Footer from "./Components/Footer/Footer";
//Supplier Management
import AddSupplier from "./Pages/supplier/AddSupplier";
import SupplierLogin from "./Pages/supplier/SupplierLogin";
import Supplier_Dashbord from "./Pages/supplier/Supplier_Dashbord";
import ViewSupplier from "./Pages/supplier/ViewSupplier";

// Customer Management
import AddCustomer from "./Pages/customer/AddCustomer";
import CustomerLogin from "./Pages/customer/CustomerLogin";
import Customer_DashBoard from "./Pages/customer/Customer_DashBoard";
import CusDash from "./Pages/customer/cusDash";

//Finance Management
import AddSalary from "./Pages/finance/AddSalary";
import ViewPaysheet from "./Pages/finance/ViewAllPaysheets";
import UpdatePaysheet from "./Pages/finance/UpdatePaysheets";
import Finance_Dashboard from "./Pages/finance/Finance_Dashboard";

//Booking Management
import AddBooking from "./Pages/Bookings/AddBooking";

// Resource Management
import Addresources from "./Pages/HotelResource/Addresources";
import Viewresources from "./Pages/HotelResource/ViewResource";
import Updateresource from "./Pages/HotelResource/UpdateResource";
import DisplayResource from "./Pages/HotelResource/DisplayResource";

//Package Management
import AddPackage from "./Pages/SessionalPackage/Addpackage";
import Viewpackage from "./Pages/SessionalPackage/ViewPackage";
import Updatepackage from "./Pages/SessionalPackage/UpdatePackage";

// User Management
import AddManager from "./Pages/manager/AddManager";
import ViewManager from "./Pages/manager/ViewManager";
import UpdateManager from "./Pages/manager/UpdateManager";
import Manager_Dashboard from "./Pages/manager/Manager_Dashboard";
```

```

import ManagerLogin from "./Pages/manager/ManagerLogin";

// Tour Management
import AddTour from "./Pages/tour/AddTour";
import TourFunction from "./Pages/tour/Tourfunction";
import ViewTours from "./Pages/tour/ViewTours";
import UpdateTours from "./Pages/tour/UpdateTours";

//Catering Management
import AddFood from "./Pages/Catering/AddFood";
import ViewItems from "./Pages/Catering/ViewItems";
import UpdateFood from "./Pages/Catering/UpdateFood";

// Employee Management
import AddEmployee from "./Pages/HR_Manager/AddEmployee";
import EmployeeDashboard from "./Pages/HR_Manager/employeeDashboard";
import UpdateEmployee from "./Pages/HR_Manager/updateEmployee";

// Inventory Management
import CreateItem from "./Pages/inventory/CreateItem";
import EditItem from "./Pages/inventory/EditItem";
import ItemDetails from "./Pages/inventory/ItemDetails";
import ItemHome from "./Pages/inventory/ItemHome";
import Report from "./Pages/inventory/Report";

// Purchase Order
import CreatePO from "./Pages/PurchaseOrder/CreatePO";
import EditPO from "./Pages/PurchaseOrder/EditPO";
import PODetails from "./Pages/PurchaseOrder/PODetails";
import POHome from "./Pages/PurchaseOrder/POhome";

import { BrowserRouter as Router, Route, Routes } from "react-router-dom";

function App() {
  return (
    <div>
      <Router>
        {/* Navigation Bar*/}
        <Header />

        <Routes>
          {/* Public Routes*/}
          <Route path="/" element={<Home_page />} />
          <Route path="/resource" element={<Resources_Page />} />
          <Route path="/protfolio" element={<Portfolio />} />
          <Route path="/feedback" element={<Feedback />} />
          <Route path="/aboutus" element={<AboutUs />} />
          <Route path="/login" element={<Login />} />
          <Route path="/signup" element={<RegisterDashboard />} />
          <Route path="/addfeedback" element={<Add_feedback />} />
          <Route path="/viewfeedback" element={<ViewFeedback />} />

          {/*Supplier Management Routes*/}
          <Route path="/suppliersignup" element={<AddSupplier />} />

```

```

<Route path="/sLogin" element={<SupplierLogin />} />
<Route path="/sdashboard" element={<Supplier_Dashbord />} />
<Route path="/sview" element={<ViewSupplier />} />

{/*
  <Route path="/sprofile" element={<Supplier_Profile />} /> */}

{/*Customer Management Routes*/}
<Route path="/customerSignup" element={<AddCustomer />} />
<Route path="/cLogin" element={<CustomerLogin />} />
<Route path="/cdashboard" element={<Customer_DashBoard />} />
<Route path="/cusdash" element={<CusDash />} />

{/*Finance Managment Routes*/}
<Route path="/fdashboard" element={<Finance_Dashboard />} />
<Route path="/paysheet" element={<AddSalary />} />
<Route path="/viewpaysheet" element={<ViewPaysheet />} />
<Route path="/updatepaysheet/:id" element={<UpdatePaysheet />} />

{/*Booking Management*/}
<Route path="/addb/:id" element={<AddBooking />} />

{/*Resource Management Routes*/}
<Route path="/addres" element={<Addresources />} />
<Route path="/viewres" element={<Viewresources />} />
<Route path="/updateres/:id" element={<Updateresource />} />
<Route path="/disres" element={<DisplayResource />} />

{/*Package Mangement Routes*/}
<Route path="/addpac" element={<AddPackage />} />
<Route path="/viewpac" element={<Viewpackage />} />
<Route path="/updatepac/:id" element={<Updatepackage />} />

{/*User Management Routes*/}
<Route path="/addm" element={<AddManager />} />
<Route path="/viewm" element={<ViewManager />} />
<Route path="/updatem/:id" element={<UpdateManager />} />
<Route path="/mdashboard" element={<Manager_Dashboard />} />
<Route path="/mlogin" element={<ManagerLogin />} />

{/*Tour Management*/}
<Route path="/addtour" element={<AddTour />} />
<Route path="/viewtour" element={<ViewTours />} />
<Route path="/updatetour/:id" element={<UpdateTours />} />

{/*Catering Management*/}
<Route path="/addfood" element={<AddFood />} />
<Route path="/viewfood" element={<ViewItems />} />
<Route path="/updatefood/:id" element={<UpdateFood />} />

{/* Employee Management */}

```

```

        <Route path="/add" element={<AddEmployee />} />
        <Route path="/dashboard" element={<EmployeeDashboard />} />
        <Route path="/updateemp/:id" element={<UpdateEmployee />} />

        {/* Inventory Management */}
        <Route path="/item" element={<ItemHome />} />
        <Route path="/get/:id" element={<ItemDetails />} />
        <Route path="/editi/:id" element={<EditItem />} />
        <Route path="/addi" element={<CreateItem />} />

        <Route path="/reporti" element={<Report />} />

        {/* Purchase Order Management */}
        <Route path="/purchaseOrder" element={<POHome />} />
        <Route path="/getpo" element={<PODetails />} />
        <Route path="/editpo/:id" element={<EditPO />} />
        <Route path="/addpo" element={<CreatePO />} />
    </Routes>
    <Footer />
</Router>
</div>
);
}

export default App;

```