

OBJECTIVE:

The BAYVIEW Hotel Management System is a software application designed to streamline and automate the:

- **Efficient Customer Management:** Provide a convenient way to manage regular customers, including adding new customers, checking them out, and searching for customer details.
- **VIP Customer Management:** Implement features to handle VIP customers, allowing the addition, checkout, and search of VIP customer details.
- **User-Friendly Interface:** Design an easy-to-use interface for hotel staff to interact with the system efficiently.

PROJECT DESCRIPTION:

The Hotel Management System is implemented using the C programming language. It utilizes file handling for data storage, providing a persistent storage solution for customer and VIP customer records.

The BAYVIEW Hotel Management System includes the following key features:

Customer Management

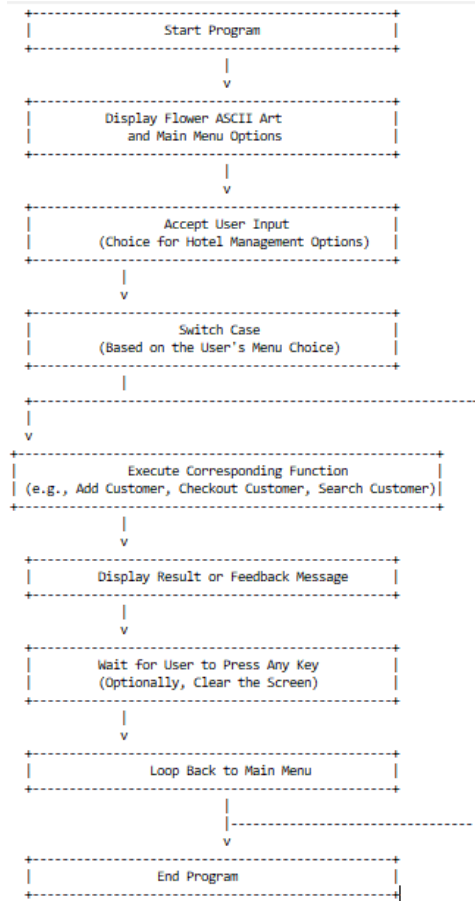
- Add Customer: Allows hotel staff to add new customers with details such as customer ID, name, age, phone, and email.
- Customer Checkout: Enables the checkout of regular customers by entering their customer ID.
- Search Customer: Facilitates the search for customer details based on the customer ID.

VIP Customer Management

- Add VIP Customer: Permits the addition of VIP customers with details including VIP customer ID, name, age, phone, email, and status.
- VIP Customer Checkout: Allows the checkout of VIP customers by entering their VIP customer ID.

- Search VIP Customer: Facilitates the search for VIP customer details based on the VIP customer ID.

FLOW CHART:



Main:

```
C:\Users\Admin\Documents\project.exe

*****
BAY VIEW HOTEL MANAGEMENT SYSTEM
*****

Please select an option from below:
1. Add customer
2. Customer checkout
3. Search customer
4. Add VIP customer
5. VIP customer checkout
6. Search VIP customer
7. Exit

  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\
 --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o--
  /\  /\  /\  /\  /\  /\  /\  /\  /\  /\  /\  /\  /\
  |   |   |   |   |   |   |   |   |   |   |   |   |
Enter your choice:
```

Add Customer:

```
C:\Users\Aashin\OneDrive\Desktop\Project PP\main.exe

Add Customer
Enter customer ID: 456
Enter customer name: hannan
Enter customer Age: 19
Enter customer Phone: 03333654987
Enter customer Email: khadikabbab
Record added.

Press any key to return to the main menu...
```

Activate Windows
Go to Settings to activate Windows.

Customer Checkout:

```
*****  
BAY VIEW HOTEL MANAGEMENT SYSTEM  
*****  
  
Please select an option from below:  
1. Add customer  
2. Customer checkout  
3. Search customer  
4. Add VIP customer  
5. VIP customer checkout  
6. Search VIP customer  
7. Exit  
  
  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  \/\  
 --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o-- --o--  
  /\  /\  /\  /\  /\  /\  /\  /\  /\  /\  /\  /\  /\  
   |   |   |   |   |   |   |   |   |   |   |   |  
Enter your choice: 2  
  
Customer Checkout  
Enter Customer ID to checkout: 456
```

```
C:\Users\Admin\Documents\pf.exe  
Customer checked out.  
Press any key to return to the main menu...
```

Search customer:

C:\Users\Admin\Documents\pf.exe

```
Customer ID: 175
Customer Name: dania
Customer Age: 18
Customer Mobile: 03363769426
Customer Email: dniatahir

Press any key to return to the main menu...
```

Add VIP Customer:

C:\Users\Aashin\OneDrive\Desktop\Project PF\main.exe

```
Add VIP Customer
Enter VIP customer ID: 353
Enter VIP customer name: aashin
Enter VIP customer Age: 20
Enter VIP customer Phone: 03333648353
Enter VIP customer Email: aashin
Enter VIP customer Status: 1
Record added.

Press any key to return to the main menu...
```

exit:

```
C:\Users\Aashir\OneDrive\Desktop\Project PF\main.exe

*****
BAY VIEW HOTEL MANAGEMENT SYSTEM
*****

Please select an option from below:
1. Add customer
2. Customer checkout
3. Search customer
4. Add VIP customer
5. VIP customer checkout
6. Search VIP customer
7. Exit

      \|\ /   \|\ /   \|\ /   \|\ /   \|\ /   \|\ /   \|\ /   \|\ /   \|\ /   \|\ /   \|\ /
     --o--  --o--  --o--  --o--  --o--  --o--  --o--  --o--  --o--  --o--  --o--  --o--
      /|\    /|\    /|\    /|\    /|\    /|\    /|\    /|\    /|\    /|\    /|\    /|\
       |      |      |      |      |      |      |      |      |      |      |      |
    Enter your choice: 7

Exiting the program.

*****
Process exited after 367 seconds with return value 0
Press any key to continue . . .
```

