



ST. CECILIA'S COLLEGE – CEBU INC.

LASSO Supervised School

Ward II, Poblacion Highway, Minglanilla, Cebu



Movie Ticket Booking

(Manual Instructions)

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BSIT - 1C

A. Introduction

The Movie Ticket Booking System is designed to manage user information, available movies, seat reservations, and ticket purchases. This system is ideal for small to medium-sized cinemas that need an efficient way to handle customer registration, view and manage movie listings, reserve seats, and process bookings quickly and accurately.

B. Significance

The Movie Ticket Booking System greatly improves the efficiency and convenience of cinema operations. It benefits both the customers and cinema staff by simplifying the ticket booking process, minimizing human errors, and ensuring real-time updates on movie schedules and seat availability. It also promotes better customer satisfaction through faster and more organized service.

C. Benefactors:

Customers:

- Enjoy a faster, easier, and more convenient way to book movie tickets and choose preferred seats.
- Avoid long lines and last-minute booking issues.

Cinema Staff:

- Simplifies daily operations such as ticket management, seat assignment, and customer handling.
- Reduces manual paperwork and minimizes booking errors.

Cinema Management:

- Helps monitor ticket sales, manage movie schedules, and improve operational efficiency.
- Provides better insights for decision-making through organized and updated data records.

Entities:

Users

- u_id (PK), u_name, u_email, u_pass, u_role, u_status, u_loyalty

Movie

- m_id (PK), movie_name, genre, showtime, available_seats, run_time

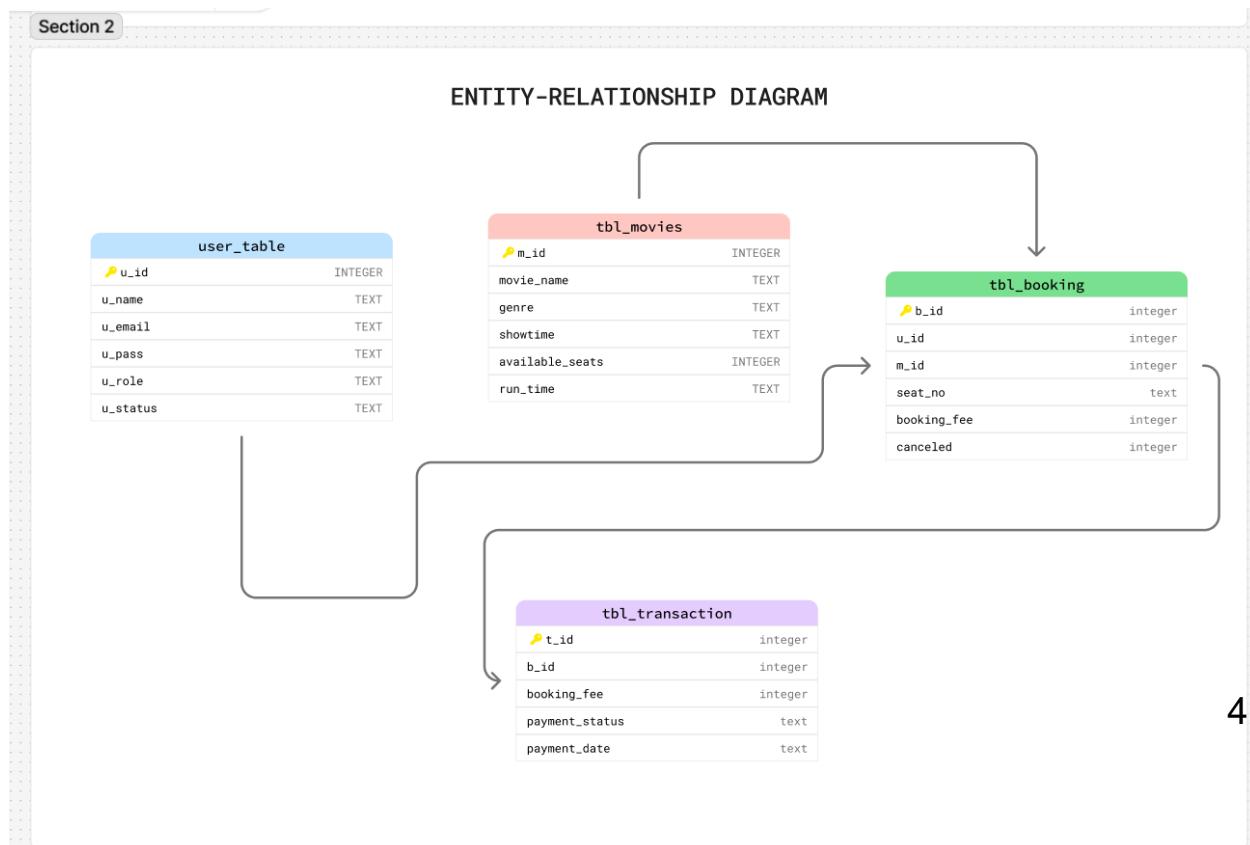
Booking

- b_id (PK), u_id(FK), m_id(FK), seat_no, booking_fee, canceled

Transaction

- t_id(PK), b_id (FK), booking_fee, payment_status, payment_date

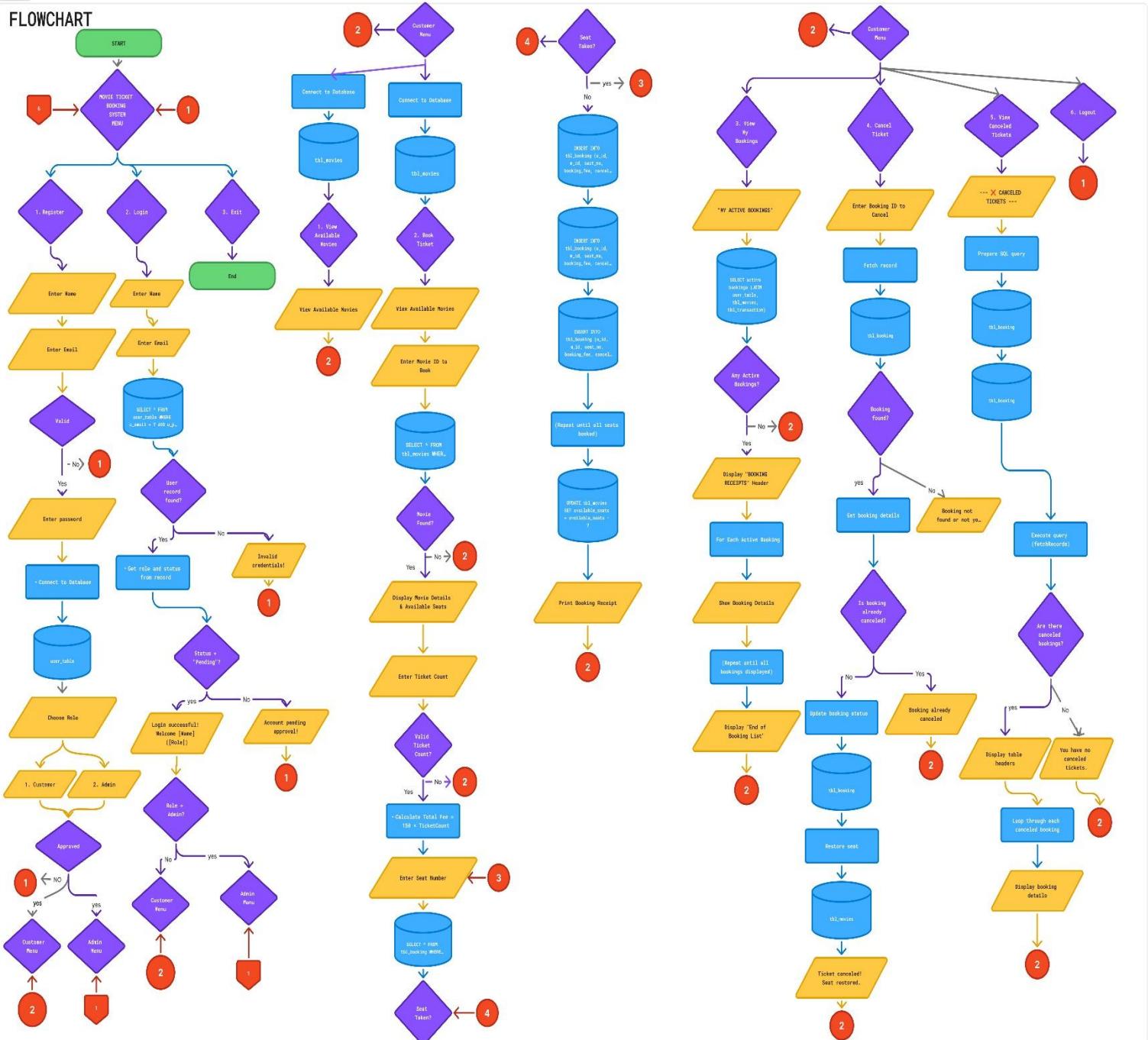
ERD (Entity Relationship Diagram)

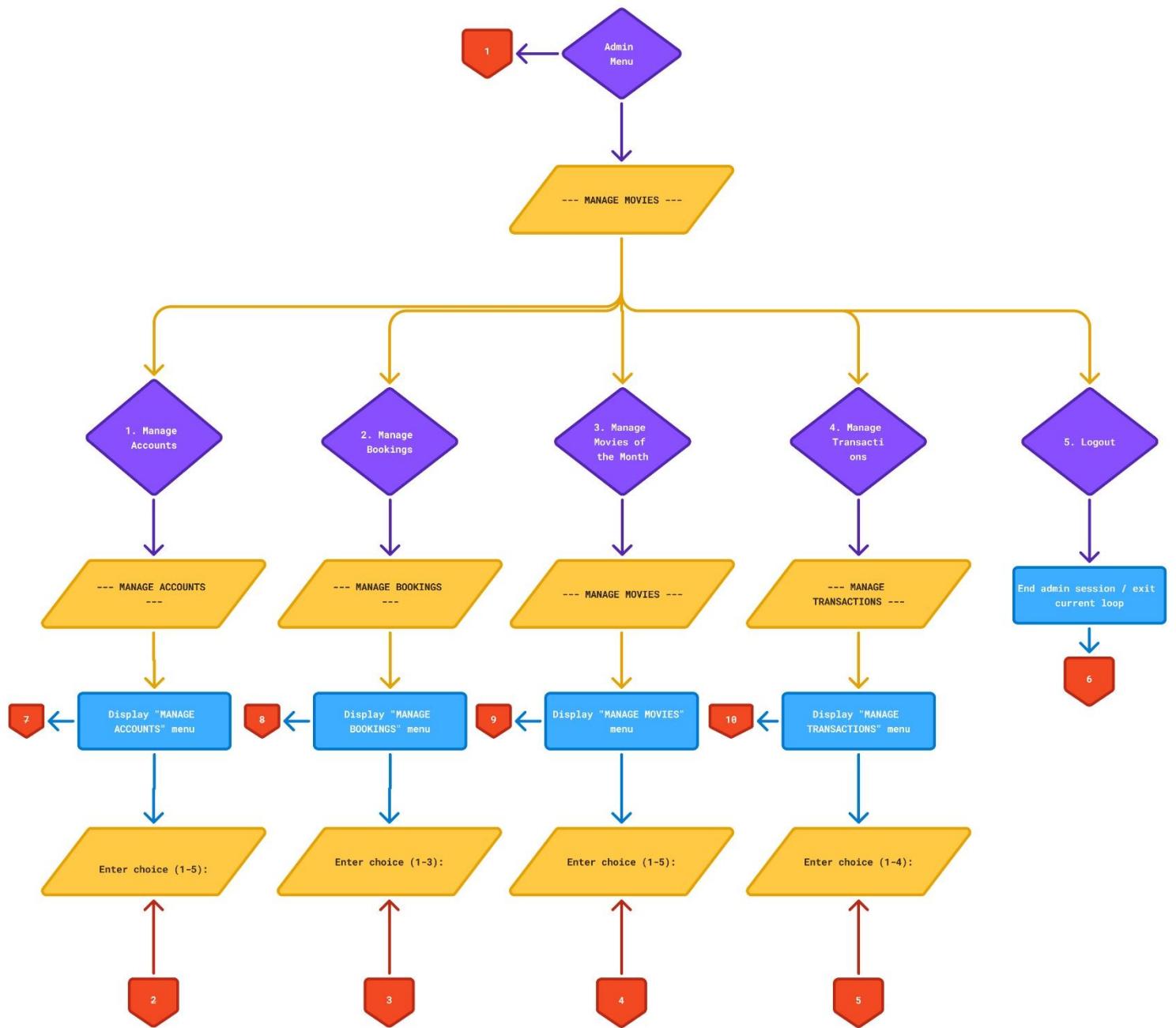


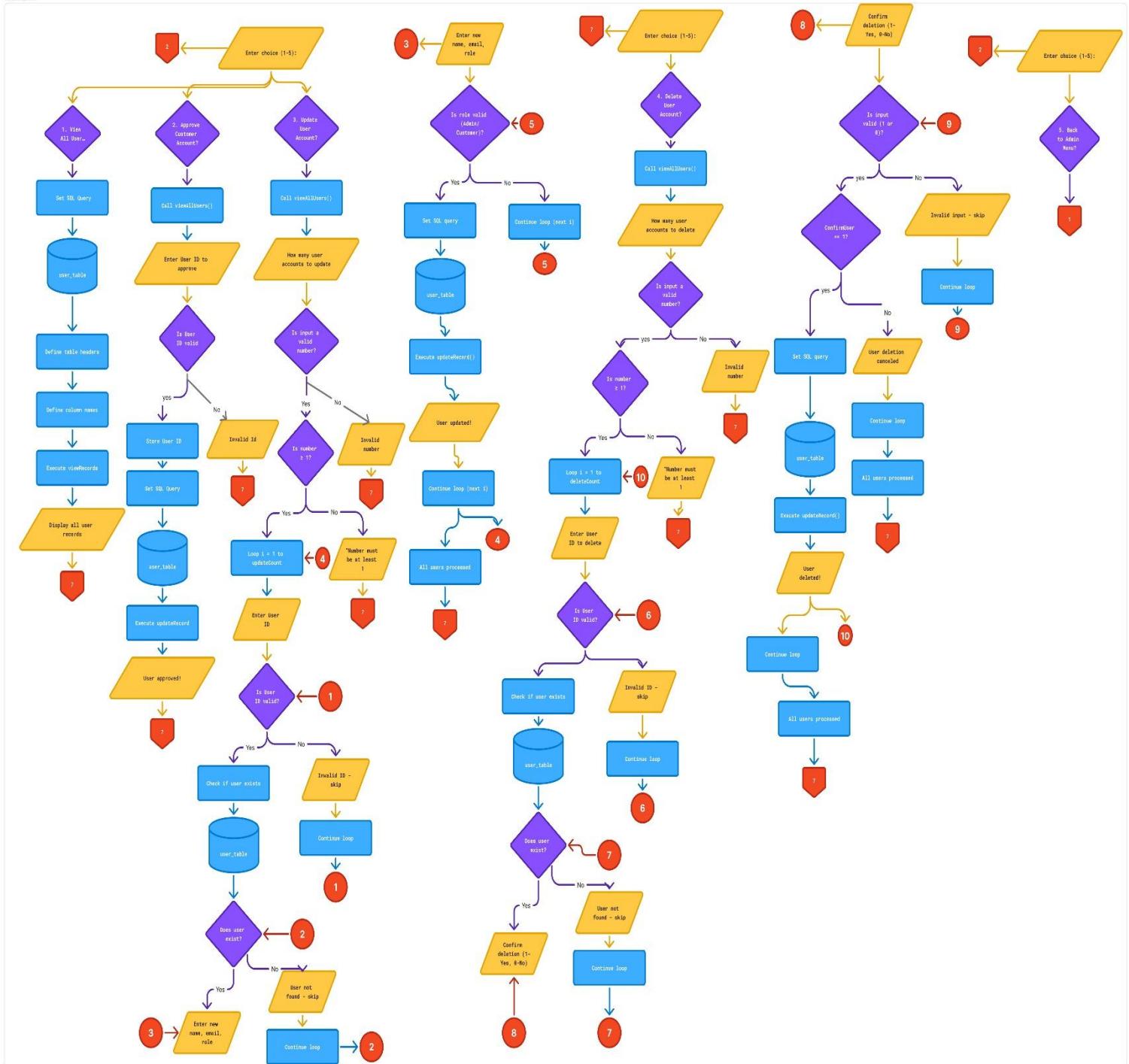
D. FLOWCHART

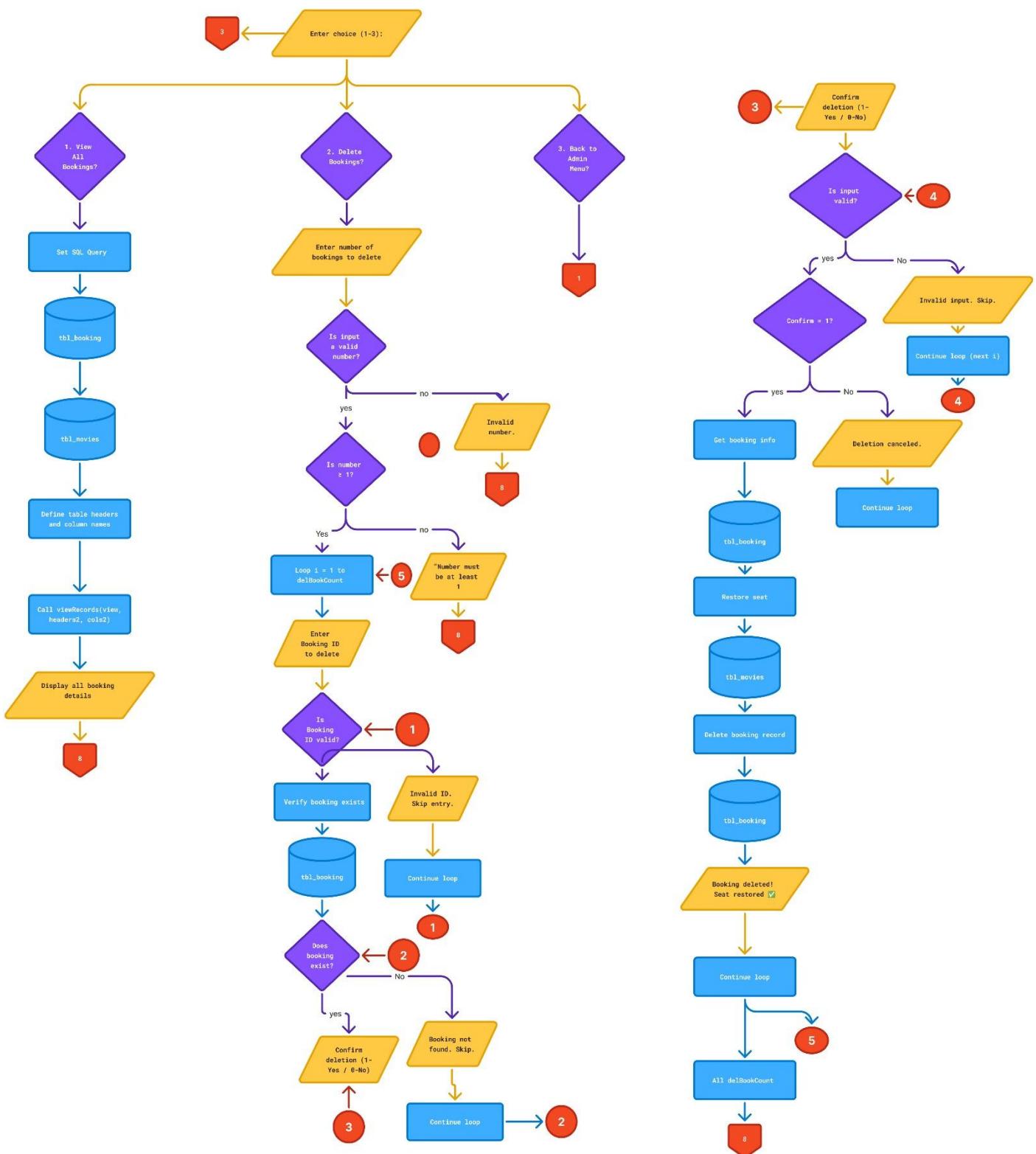
Section 3

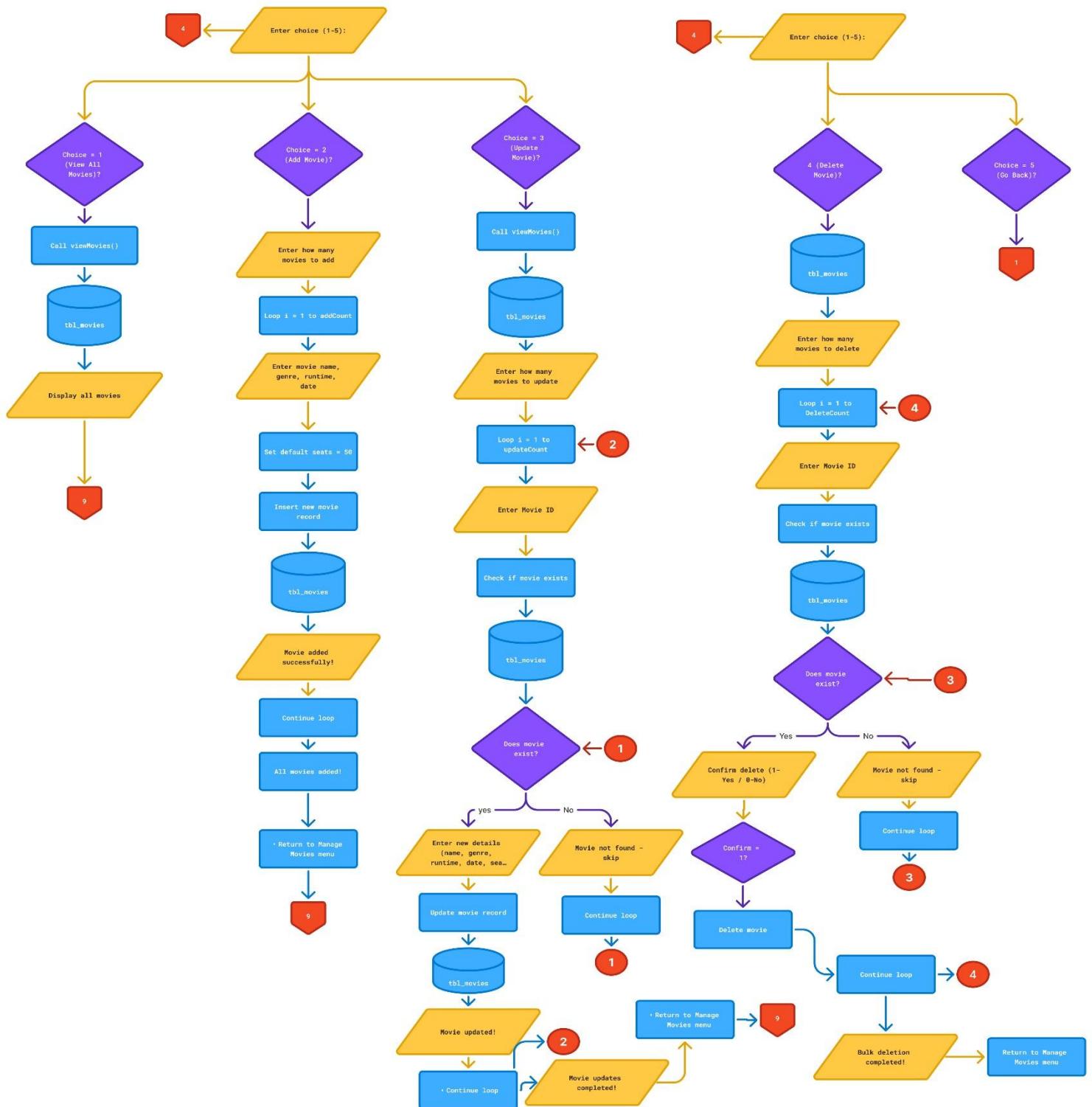
FLOWCHART

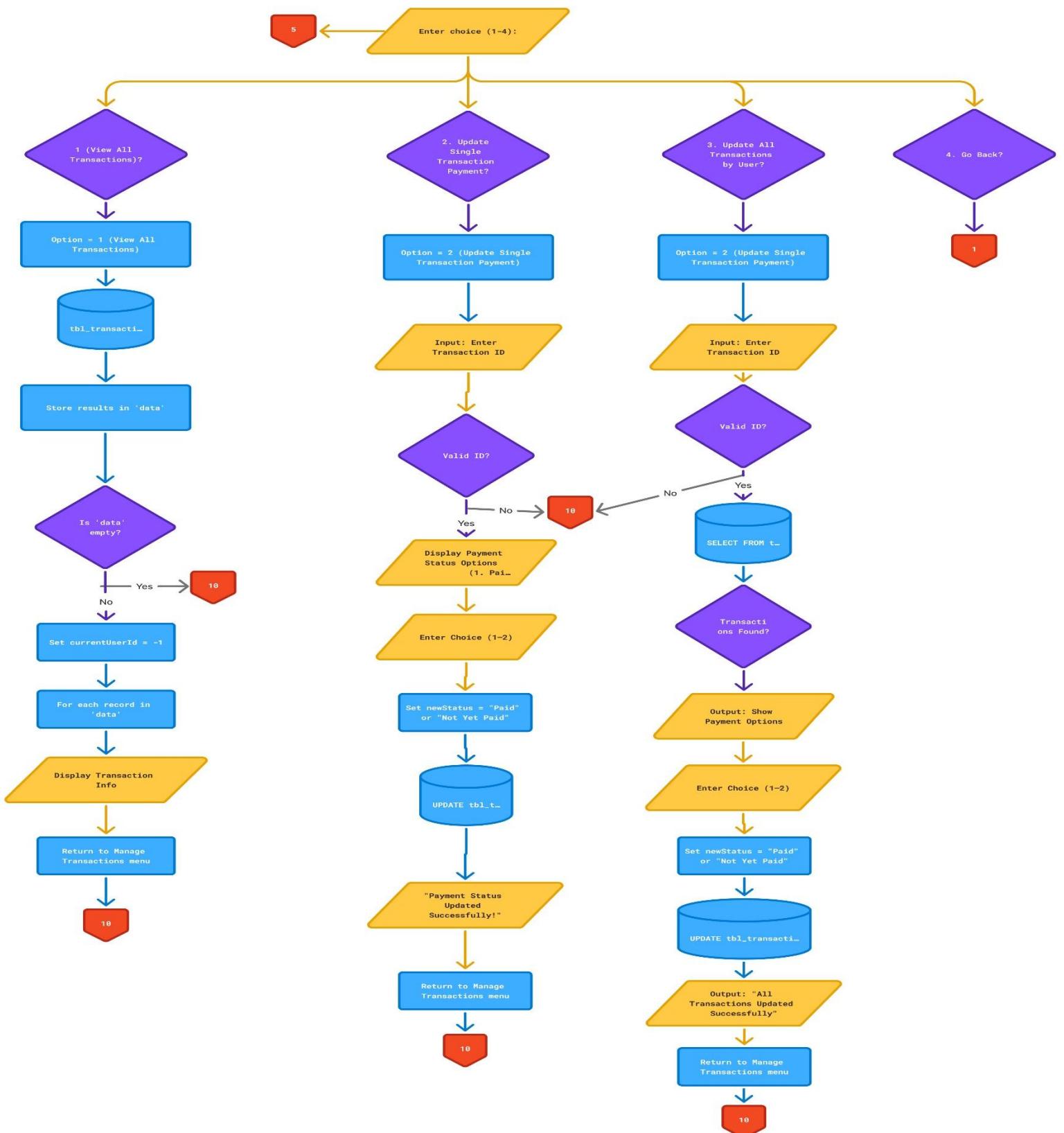












How to use the system

A. Main Display

Upon running the program, you will be presented with the main menu:

==== MOVIE TICKET BOOKING SYSTEM ====

1. Register
2. Login
3. Exit

Enter choice (1-3) :

Note: The system will notify the user if the entered number is invalid.

Options:

1. Register

- Choose option **1** if you are a new user.

2. Login

- Choose option **2** if you already have an account.
- Enter your registered **email** and **password**.

3. Exit – Close the program.

If User chooses Register

==== MOVIE TICKET BOOKING SYSTEM ====

1. Register
2. Login
3. Exit

Enter choice (1-3) : 1

Enter Name: Denise

Enter Email: kethleycana15@gmail.com

Enter Password: 1234567890

Note: The system will ask for your personal information such as name, email, and password.

Choose your Role: 1 – Customer 2 – Admin

Choose Role:

1. Customer
2. Admin

Enter choice (1-2) : 1

Record added successfully!

Registration successful! Waiting for approval.

==== MOVIE TICKET BOOKING SYSTEM ====

1. Register
2. Login
3. Exit

Enter choice (1-3) :

The system will display: “Record added successfully!” & “Registration successful! Waiting for approval.”

- After registration, you’ll return to the main menu and will wait for admin approval to login.

B. Logging in as Admin

==== MOVIE TICKET BOOKING SYSTEM ====

1. Register
2. Login
3. Exit

Enter choice (1-3) : 2

Enter Email: ken@gmail.com

Enter Password: 1234

Login successful! Welcome kenzie (Admin)

1. Select 2 (Login) from the main menu.
2. Enter your registered Email and Password.
3. The system will display:

“Login successful! Welcome [Admin Name] (Admin)”

C. Admin Menu

After logging in as admin the following menu will appear:

--- ADMIN MENU ---

1. Manage Accounts
2. Manage Bookings
3. Manage Movies of the Month
4. Manage Transactions
5. Logout

Enter choice (1-5) : |

Note: Invalid inputs (e.g., letters instead of numbers) will display an error message like “Invalid choice. Please enter 1-5.”

When the admin selects 1 (Manage Accounts) from the Admin Menu, the following options appear:

1. Manage Accounts

--- MANAGE ACCOUNTS ---

1. View All Users
2. Approve Customer Account
3. Update User Account
4. Delete User Account
5. Back to Admin Menu

Enter choice (1-5) :

➤ Option 1 – View All Users

Displays all registered users and their account details.

--- MANAGE ACCOUNTS ---

1. View All Users
 2. Approve Customer Account
 3. Update User Account
 4. Delete User Account
 5. Back to Admin Menu
- Enter choice (1-5): 1
Connection Successful

ID	Name	Email	Role	Status
2	caitlyn	caitl4n@gmail.com	Customer	Pending
4	briella	yoanne@gmail.com	Customer	Approved
5	windeljr	windel@gmail.com	Customer	Pending
6	den	den	Customer	Approved
7	kenzie	ken@gmail.com	Admin	Approved
8	privateuser	anonymouse@gmail.com	Customer	Pending
10	taylorswipe	taylorwhi@gmail.com	Customer	Pending
11	jaylord	jay143email.com	Customer	Pending
12	flabio	flabymwa@gmail.com	Customer	Approved
13	nana	nana143@gmail.com	Customer	Approved
14	Denise	kethley15@gmail.com	Customer	Pending

○ *Validations:*

- ✓ *If no users are found, the system displays “No records available.”*
- ✓ *Only admins can access this menu.*
 - *Entering an invalid option shows “Invalid choice. Please enter 1–5.”*

➤ Option 2 – Approve Customer Account

1. From the Manage Accounts menu, select 2 (Approve Customer Account).
2. The system will display all registered users with their details and status (Pending or Approved).
3. Enter the User ID of the customer you want to approve.
4. The system will confirm the process with:
 - ✓ “Connection Successful”
 - ✓ “Record updated successfully!”
 - ✓ “ User approved!”

--- MANAGE ACCOUNTS ---

1. View All Users
 2. Approve Customer Account
 3. Update User Account
 4. Delete User Account
 5. Back to Admin Menu
 Enter choice (1-5): 2
 Connection Successful

ID	Name	Email	Role	Status
2	caitlyn	caitl4n@gmail.com	Customer	Pending
4	briella	yoanne@gmail.com	Customer	Approved
5	windeljr	windel@gmail.com	Customer	Pending
6	den	den	Customer	Approved
7	kenzie	ken@gmail.com	Admin	Approved
8	privateuser	anonymouse@gmail.com	Customer	Pending
10	taylorSwipe	taylorwhi@gmail.com	Customer	Pending
11	jaylord	jay143email.com	Customer	Pending
12	flabio	flabbynwa@gmail.com	Customer	Approved
13	nana	nana143@gmail.com	Customer	Approved
14	Denise	kethley15@gmail.com	Customer	Pending

Enter User ID to approve: 14

Connection Successful

Record updated successfully!

User approved!

○ *Validations*

- ✓ *If the entered User ID does not exist, the system shows “Invalid User ID.”*
- ✓ *Only users with Pending status can be approved.*
- ✓ *Entering a non-numeric input will display “Invalid input. Please enter a valid User ID.”*

➤ Option 3 – Update User Account

Note: This option allows the admin to edit a user's details such as name, email, or role.

--- MANAGE ACCOUNTS ---

1. View All Users
2. Approve Customer Account
3. Update User Account
4. Delete User Account
5. Back to Admin Menu

Enter choice (1-5) : 3

1. From the Manage Accounts menu, select 3 (Update User Account).
2. The system will display the list of all users with their information.
3. Enter the User ID of the account you want to update.
4. Provide the new details when prompted:
 - New Name, New Email, & New Role (Admin or Customer)
5. The system will confirm with:
 - “Connection Successful” “Record updated successfully!” “ User updated!”

ID	Name	Email	Role	Status
2	caitlyn	caitl4n@gmail.com	Customer	Pending
4	briella	yoanne@gmail.com	Customer	Approved
5	windeljr	windel@gmail.com	Customer	Pending
6	den	den	Customer	Approved
7	kenzie	ken@gmail.com	Admin	Approved
8	privateuser	anonymous@gmail.com	Customer	Pending
10	taylorswipe	taylorwhi@gmail.com	Customer	Pending
11	jaylord	jayl43email.com	Customer	Pending
12	flabio	flabbymwa@gmail.com	Customer	Approved
13	nana	nana143@gmail.com	Customer	Approved
14	Denise	kethley15@gmail.com	Customer	Approved

Enter User ID to update: 6

Connection Successful

Enter new name: denays

Enter new email: den@gmail.com

Enter new role (Admin/Customer): Customer

Connection Successful

Record updated successfully!

o Validations

- ✓ If the entered User ID does not exist, the system shows “Invalid User ID Email must not be blank or duplicated.
- ✓ Role must be correctly entered as Admin or Customer.
- ✓ If an invalid input is entered, an error message appears and the update is canceled.

➤ Option 4 – Delete User Account

Note: This option allows the admin to remove a user from the system.

---- MANAGE ACCOUNTS ----

1. View All Users
2. Approve Customer Account
3. Update User Account
4. Delete User Account
5. Back to Admin Menu

Enter choice (1-5) : 4

- From the Manage Accounts menu, select 4 (Delete User Account).
- The system will display all users with their details.
- Enter the User ID of the account you want to delete.
- Confirm the action when prompted:
 - “Are you sure you want to delete this user? (1-Yes, 0-No):”
- If confirmed, the system displays:
 - “Connection Successful” “Record updated successfully!” 
 - User deleted!”

ID	Name	Email	Role	Status
2	caitlyn	caitl4n@gmail.com	Customer	Pending
4	briella	yoanne@gmail.com	Customer	Approved
5	windeljr	windel@gmail.com	Customer	Pending
6	denays	den@gmail.com	Customer	Approved
7	kenzie	ken@gmail.com	Admin	Approved
8	privateuser	anonymouse@gmail.com	Customer	Pending
10	taylorSwipe	taylorwhi@gmail.com	Customer	Pending
11	jaylord	jay143email.com	Customer	Pending
12	flabio	flabbymwa@gmail.com	Customer	Approved
13	nana	nana143@gmail.com	Customer	Approved
14	Denise	kethley15@gmail.com	Customer	Approved

```

Enter User ID to delete: 13
Connection Successful
Are you sure you want to delete this user? (1-Yes, 0-No) : 1
Connection Successful
Record updated successfully!
User deleted!

```

o *Validations:*

- ✓ *If the entered User ID does not exist, it shows “Invalid User ID.”*
- ✓ *If the admin enters 0, deletion is canceled.*
- ✓ *Only admins have permission to delete user accounts.*

➤ Option 5 – Back to Admin Menu

Note: This option returns the admin to the main Admin Menu.

--- ADMIN MENU ---

1. Manage Accounts
2. Manage Bookings
3. Manage Movies of the Month
4. Manage Transactions
5. Logout

Enter choice (1-5) : |

Note: Invalid inputs (e.g., letters instead of numbers) will display an error message like “Invalid choice. Please enter 1–5.”

When the admin selects 2 (2. Manage Bookings) from the Admin Menu, the following options appear:

2. Manage Bookings

--- MANAGE BOOKINGS ---

1. View All Bookings
2. Delete Booking
3. Back to Admin Menu

Enter choice (1-3) :

○ *Validations*

- *Entering an invalid choice shows “Invalid choice. Please enter 1–3.” & Only admins can access and modify booking records.*

➤ Option 1 – View All Bookings

Note: This option allows the admin to view all customer booking records stored in the system.

---- MANAGE BOOKINGS ----

1. View All Bookings

2. Delete Booking

3. Back to Admin Menu

Enter choice (1-3) : 1|

Connection Successful

1. From the Manage Bookings menu, select 1 (View All Bookings).
2. The system will connect to the database and display the booking list:

Booking ID	User ID	Movie	Showtime	Seat	Fee
1 2	6	Alice in Wonderland	2025-10-20 11:30:00	1	150
3	4	Alice in Wonderland	2025-10-20 11:30:00	2	150
4	12	Alice in Wonderland	2025-10-20 11:30:00	5	150
5	12	Alice in Wonderland	2025-10-20 11:30:00	6	150
6	12	Alice in Wonderland	2025-10-20 11:30:00	7	150
7	12	Alice in Wonderland	2025-10-20 11:30:00	8	150
8	12	Alice in Wonderland	2025-10-20 11:30:00	9	150

○ *Validations:*

- ✓ *If there are no records, the system displays “No bookings available.”*
- ✓ *Only admins can access booking details.*
- ✓ *Invalid inputs return “Invalid choice. Please enter 1-3.”*

➤ Option 2 – Delete Booking

Note: This option allows the admin to delete a specific booking record from the system database.

--- MANAGE BOOKINGS ---

1. View All Bookings

2. Delete Booking

3. Back to Admin Menu

Enter choice (1-3) : 2

Enter Booking ID to delete: 8

Connection Successful

Are you sure you want to delete booking ID 8? (1-Yes, 0-No) : 1

Connection Successful

Record updated successfully!

□□ Booking deleted!

1. From the Manage Bookings menu, select 2 (Delete Booking).
2. The system will ask the admin to enter the Booking ID to delete.
3. The system connects to the database and confirms a successful connection.
4. The system asks for confirmation:
 - Enter 1 to confirm deletion. Enter 0 to cancel.
5. If confirmed, the system deletes the booking and displays:
 - “Connection Successful” “Record updated successfully!” “Booking deleted!”

Validations:

- ✓ *If the entered Booking ID does not exist, the system displays “Booking ID not found.”*
- ✓ *If the admin enters an invalid input, the system displays “Invalid choice. Please enter 1-3.”*
- ✓ *Only admins are authorized to delete bookings.*

➤ Option 3 – Back to Admin Menu

Note: This option returns the admin to the main Admin Menu.

--- ADMIN MENU ---

1. Manage Accounts
2. Manage Bookings
3. Manage Movies of the Month
4. Manage Transactions
5. Logout

Enter choice (1-5) : |

Note: Invalid inputs (e.g., letters instead of numbers) will display an error message like “Invalid choice. Please enter 1–5.”

When the admin selects 3 (3. Manage Movies of the Month) from the Admin Menu, the following options appear:

3. Manage Movies of the Month

--- MANAGE MOVIES ---|

1. View All Movies
2. Add New Movie(s)
3. Update Movie(s)
4. Delete Movie(s)

5. Go Back ○ Validation:

✓ If the admin enters an invalid choice, the system displays:

Enter choice (1-5) : |

✗ Invalid choice. Please enter 1–5.”

✓ Only admins can access and modify movie records.

➤ Option 1 – View All Movies

Note: This option allows the admin to view the list of all movies currently stored in the system. Each movie record includes details such as the movie name, genre, runtime, show date, and available seats.

--- MANAGE MOVIES ---

1. View All Movies
 2. Add New Movie(s)
 3. Update Movie(s)
 4. Delete Movie(s)
 5. Go Back
- Enter choice (1-5): 1
Connection Successful

Movie ID	Movie Name	Genre	Run Time	Show Date (MM/DD/YYYY)	Available Seats
1	Alice in Wonderland	Fantasy, Adventure	108	2025-10-20 11:30:00	44
2	Sinners (2025)	Horror, Thriller	118	2025-10-20 13:00:00	50
3	The Black Phone 2	Horror, Thriller	120	2025-10-20 17:30:00	50
4	Weapons	Horror, Mystery	135	2025-10-20 15:00:00	50

1. From the Manage Movies menu, select 1 (View All Movies).
2. The system will connect to the database and display all movie records in a table format:
 - Movie ID, Movie Name, Genre, Run Time, Show Date(MM/DD/YYYY), Available Seats
 - *Validations:*
 - ✓ If there are no movie records, the system displays:
 - ✓ “No movies available.”
 - ✓ Only admins can view movie listings.
 - ✓ If the admin enters an invalid option, the system displays:
 - ✓ “Invalid choice. Please enter 1–5.”

➤ Option 2 – Add New Movie(s)

Note: This option allows the admin to add one or multiple new movies to the system's movie list. Each added movie will have its own details and 50 default available seats.

1. From the Manage Movies menu, select 2 (Add New Movie(s)).
2. Enter how many movies you want to add.
3. For each movie, input the following details:
 - Movie Name, Genre, Run Time (in minutes), Show Date (MM/DD/YYYY)
4. The system will connect to the database and save each movie record.
5. Once all movies are added, the system displays:
 - “ All movies added successfully!”

```
--- MANAGE MOVIES ---
1. View All Movies
2. Add New Movie(s)
3. Update Movie(s)
4. Delete Movie(s)
5. Go Back
Enter choice (1-5) : 2
How many movies do you want to add? 1

--- Add Movie #1 ---
Enter Movie Name: Frankenstein (2025)
Enter Genre: Horror, Sci-Fi
Enter Run Time (e.g., 2hr 15min) : 125|
Enter Show Date (MM/DD/YYYY) : 2025-10-20 19:30:00
Connection Successful
Record updated successfully!
 Movie "Frankenstein (2025)" added successfully with 50 seats!

 All movies added successfully!
    ○ Validations
```

✓ *Empty fields are not allowed; the system will ask to re-enter missing information.*

✓ *Only admins can add movies.*

✓ *If the input number of movies is invalid (e.g., negative or non-numeric), the system displays:*

○ *“Invalid number. Please enter a valid count.”*

Option 3 – Update Movie(s)

Note: This option allows the admin to modify existing movie records in the database. The admin can update one or multiple movies, changing details such as the name, genre, runtime, show date, and available seats.

1. From the **Manage Movies** menu, select **3 (Update Movie(s))**.
2. The system connects to the database and displays all movies currently stored.
3. Enter how many movies you want to update.
4. For each movie: Enter the **Movie ID** you want to update.
 - Provide new details for:
 - Movie Name, Genre, Run Time, Show Date(MM/DD/YYYY HH:MM:SS), Available Seats
5. The system updates the selected record(s) in the database.
6. Once done, a confirmation message appears:

" Movie updates completed!"

```
--- MANAGE MOVIES ---
1. View All Movies
2. Add New Movie(s)
3. Update Movie(s)
4. Delete Movie(s)
5. Go Back
Enter choice (1-5): 3
Connection Successful
-----
| Movie ID      | Movie Name          | Genre           | Run Time        | Show Date (MM/DD/YYYY) | Available Seats |
-----| 1             | Alice in Wonderland | Fantasy, Adventure | 108            | 2025-10-20 11:30:00 | 44
| 2             | Sinners (2025)     | Horror, Thriller | 118            | 2025-10-20 13:00:00 | 50
| 3             | The Black Phone 2   | Horror, Thriller | 120            | 2025-10-20 17:30:00 | 50
| 4             | Weapons             | Horror, Mystery  | 135            | 2025-10-20 15:00:00 | 50
| 9             | Frankenstein (2025) | Horror, Sci-Fi    | 125            | 2025-10-20 19:30:00 | 50
-----
How many movies do you want to update? 1
--- Update Movie #1 ---
Enter Movie ID to Update: 9
Enter New Movie Name: Frankenstein
Enter New Genre: Horror, Sci-Fi
Enter New Run Time (e.g., 2hr 15min): 125
Enter New Show Date (MM/DD/YYYY): 2025-10-20
Enter New Available Seats: 50
Record updated successfully!
 Movie ID 9 updated successfully!
```

○ *Validations:*

If an invalid Movie ID is entered, the system displays:

“Movie not found. Please enter a valid ID.”

○ *If no movies exist in the database, the system displays:*

“No movies available to update.”

➤ Option 4 – Delete Movie(s)

Note: This option allows the admin to remove one or more movie records from the database. It helps manage outdated or unavailable movies from the system's movie list.

1. From the **Manage Movies** menu, select **4 (Delete Movie(s))**.
2. The system connects to the database and displays all existing movies.
3. Enter how many movies you want to delete.
4. For each movie:
 - Enter the **Movie ID** you want to delete.
 - Confirm deletion by entering **1 (Yes)** or **0 (No)**.
5. Once confirmed, the movie record is removed from the database.
6. A message appears after completion:
 - “ Bulk deletion completed!”

```
--- MANAGE MOVIES ---
```

```
1. View All Movies  
2. Add New Movie(s)  
3. Update Movie(s)  
4. Delete Movie(s)  
5. Go Back
```

```
Enter choice (1-5): 4
```

```
Connection Successful
```

Movie ID	Movie Name	Genre	Run Time	Show Date (MM/DD/YYYY)	Available Seats
1	Alice in Wonderland	Fantasy, Adventure	108	2025-10-20 11:30:00	44
2	Sinners (2025)	Horror, Thriller	118	2025-10-20 13:00:00	50
3	The Black Phone 2	Horror, Thriller	120	2025-10-20 17:30:00	50
4	Weapons	Horror, Mystery	135	2025-10-20 15:00:00	50
9	Frankenstein	Horror, Sci-Fi	125	2025-10-20 19:30:00	50

```
How many movies do you want to delete? 1
```

```
--- Delete Movie #1 ---
```

```
Enter Movie ID to Delete: 9
```

```
Connection Successful
```

```
Are you sure you want to delete this movie? (1-Yes, 0-No): 1
```

```
Connection Successful
```

```
Record updated successfully!
```

```
 Movie ID 9 deleted!
```

```
 Bulk deletion completed!
```

- ✓ “Invalid choice. Please enter 1–5.”

○ Validations:

- ✓ If the entered Movie ID doesn't exist, the system displays:
 - ✓ “Movie not found. Please enter a valid ID.”
 - ✓ Only admins can delete movie records.
- ✓ If 0 (No) is entered during confirmation, the deletion is canceled.
- ✓ If there are no movies in the database, the system displays:
 - ✓ “No movies available to delete.”
 - ✓ For invalid choices, the system returns:

- ✓ Option 5 – Back to Admin Menu

Note: This option returns the admin to the main Admin Menu.

--- ADMIN MENU ---

1. Manage Accounts
2. Manage Bookings
3. Manage Movies of the Month
4. Manage Transactions
5. Logout

Enter choice (1-5) : |

Note: Invalid inputs (e.g., letters instead of numbers) will display an error message like “Invalid choice. Please enter 1–5.”

When the admin selects 4 (4. Manage Transactions) from the Admin Menu, the following options appear:

4. Manage Transactions

--- MANAGE TRANSACTIONS ---

1. View All Transactions
2. Update Single Transaction Payment
3. Update All Transactions by User
4. Go Back

Enter choice (1-4) :

Validations:

- ✓ Only admins can access this section.
- ✓ Invalid choices display:
- ✓ “Invalid choice. Please enter 1–4.”
- ✓ If there are no transaction records, the system displays:
- ✓ “No transactions available.”

➤ Option 1 – View All Transactions

Note: This option allows the admin to view all recorded transactions made by customers in the system. It displays detailed information such as customer details, movie booked, seat number, payment status, and transaction date.

1. From the Manage Transactions menu, select 1 (View All Transactions).
2. The system connects to the database and retrieves all customer transaction records.
3. The details of each transaction are displayed, including:
4. Customer name, ID, and email, Loyalty level, Movie title, Seat number, Fee, Payment status (Paid / Not Yet Paid), Transaction date.

```
--- MANAGE TRANSACTIONS ---
1. View All Transactions
2. Update Single Transaction Payme
3. Update All Transactions by User
4. Go Back
Enter choice (1-4): 1
Connection Successful
=====
Customer: briella (ID: 4)
Email: yoanne@gmail.com
Loyalty: Bronze
-----
Movie: Alice in Wonderland
Seat: 2
Fee: 150
Status: Paid
Date: 2025-10-18T12:32:12.738
=====
```

```
=====
Customer: denays (ID: 6)
Email: den@gmail.com
Loyalty: Bronze
-----
Movie: Alice in Wonderland
Seat: 6
Fee: 150
Status: Not Yet Paid
Date: 2025-10-19T16:25:50.339
=====
Customer: flabio (ID: 12)
Email: flabbymwa@gmail.com
Loyalty: Bronze
-----
Movie: Alice in Wonderland
Seat: 7
Fee: 150
Status: Not Yet Paid
Date: 2025-10-19T16:25:51.368
=====
Movie: Alice in Wonderland
Seat: 8
Fee: 150
Status: Not Yet Paid
Date: 2025-10-19T16:25:52.305
=====
```

○ Validations:

- ✓ Only admins can access transaction records.
- ✓ If no transactions exist, the system displays:
 - ✓ “No transactions available.”
 - ✓ Invalid menu inputs return:
 - ✓ “Invalid choice. Please enter 1-4.”

➤ Option 2 – Update Single Transaction Payment

Note: This option allows the admin to update the payment status of a specific transaction in the system. It is useful for marking unpaid bookings as paid or correcting payment records.

1. From the Manage Transactions menu, select 2 (Update Single Transaction Payment).
2. Enter the Transaction ID you want to update.
3. Choose the new payment status:
 - 1. Paid
 - 2. Not Yet Paid
4. The system connects to the database and updates the record.
5. A confirmation message appears:
 - “ Payment status updated successfully!”

```
--- MANAGE TRANSACTIONS ---
1. View All Transactions
2. Update Single Transaction Payment
3. Update All Transactions by User
4. Go Back
Enter choice (1-4) : 2
Enter Transaction ID to update: 3
Select new payment status:
1. Paid
2. Not Yet Paid
Enter choice (1-2) : 1
Connection Successful
Record updated successfully!
 Payment status updated successfully!
    ○ Validations:
        ✓ Only admins can perform payment updates.
        ✓ If the Transaction ID doesn't exist, the system displays:
            ✓ "Invalid Transaction ID."
            ✓ Invalid choices return:
                "Invalid choice. Please enter 1-2."
```

➤ Option 3 – Update All Transactions by User

Note: This option allows the admin to update the payment status of all transactions made by a specific user. It is useful for quickly marking multiple unpaid transactions as paid.

1. From the Manage Transactions menu, select 3 (Update All Transactions by User).
2. Enter the User ID whose transactions you want to update.
3. Choose the new payment status:
 - 1. Paid
 - 2. Not Yet Paid
4. The system connects to the database and updates all transaction records for that user.
5. A confirmation message appears:
 - “ All transactions for User ID [number] updated to 'Paid'.”

```
--- MANAGE TRANSACTIONS ---
1. View All Transactions
2. Update Single Transaction Payment
3. Update All Transactions by User
4. Go Back
Enter choice (1-4) : 3
Enter User ID to update all transactions: 12
Connection Successful
Select new payment status for all transactions:
1. Paid
2. Not Yet Paid
Enter choice (1-2) : 1
Connection Successful
Record updated successfully!
 All transactions for User ID 12 updated to 'Paid'.
 Validations:
```

- ✓ Only admins can perform bulk updates.
- ✓ If the entered User ID does not exist, the system displays:
- ✓ “Invalid User ID.” Invalid status choices display: “Invalid choice. Please enter 1-2”

- ✓ Option 4 – (Go back) Back to Admin Menu

Note: This option returns the admin to the main Admin Menu.

--- ADMIN MENU ---

1. Manage Accounts
2. Manage Bookings
3. Manage Movies of the Month
4. Manage Transactions
5. Logout

Enter choice (1-5) : |

Note: Invalid inputs (e.g., letters instead of numbers) will display an error message like “Invalid choice. Please enter 1–5.”

When the admin selects 5 (5. Logout) from the Admin Menu, the following options appear:

5. Logout

```
--- ADMIN MENU ---
1. Manage Accounts
2. Manage Bookings
3. Manage Movies of the Month
4. Manage Transactions|
5. Logout
Enter choice (1-5) : 5
==== MOVIE TICKET BOOKING SYSTEM ====
1. Register
2. Login
3. Exit
Enter choice (1-3) :
```

1. From the **Admin Menu**, select **5 (Logout)**.
2. The system automatically logs out the admin account.
3. The main menu reappears, displaying the options: **1. Register**, **2. Login**, **3. Exit**

D. Logging in as Customer

```
==== MOVIE TICKET BOOKING SYSTEM ====
```

- 1. Register
- 2. Login
- 3. Exit

```
Enter choice (1-3) : 2
```

```
Enter Email: kethley15@gmail.com
```

```
Enter Password: 1234567890
```

```
Connection Successful
```

```
Login successful! Welcome Denise (Customer)
```

1. Select 2 (Login) from the main menu.
2. Enter your registered Email and Password.
3. The system will display:

“Login successful! Welcome [Customer Name] (Customer)”

E. Customer Menu

After logging in as customer the following menu will appear:

--- CUSTOMER MENU ---

1. View Available Movies
2. Book Ticket
3. View My Bookings
4. Cancel Ticket
5. View Canceled Tickets
6. Logout

Enter choice (1-6) :

Note: Invalid inputs (e.g., letters instead of numbers) will display an error message like "Invalid choice. Please enter 1-6."

➤ Option 1 – View Available Movies

Note: This option allows the customer to view all movies currently available for booking in the system.

--- CUSTOMER MENU ---

1. View Available Movies
2. Book Ticket
3. View My Bookings
4. Cancel Ticket
5. View Canceled Tickets
6. Logout

Enter choice (1-6): 1

Connection Successful

Movie ID	Movie Name	Genre	Run Time	Show Date (MM/DD/YYYY)	Available Seats
1	Alice in Wonderland	Fantasy, Adventure	108	2025-10-20 11:30:00	44
2	Sinners (2025)	Horror, Thriller	118	2025-10-20 13:00:00	50
3	The Black Phone 2	Horror, Thriller	120	2025-10-20 17:30:00	50
4	Weapons	Horror, Mystery	135	2025-10-20 15:00:00	50

1. From the **Customer Menu**, select **1 (View Available Movies)**.
2. The system will connect to the database and display the list of available movies, showing details such as Movie ID, Name, Genre, Run Time, Show Date, and Available Seats.

- *Validations:*

✓ *If there are no movies available, the system will display:*

“No movies available at the moment.”

✓ *Only customers can access this feature.*

✓ *If the user enters an invalid choice, the system displays:*

“Invalid choice. Please enter 1–6.”

➤ Option 2 – Book Ticket

Note: This option allows the customer to book movie tickets from the list of available movies in the system.

1. From the **Customer Menu**, select **2 (Book Ticket)**.
2. The system connects to the database and displays all available movies with details such as Movie ID, Name, Genre, Run Time, Showtime, and Available Seats.
3. The customer enters the **Movie ID** they wish to book.
4. The system shows movie details (title, duration, and showtime) and prompts the customer to enter the number of tickets and seat numbers.
5. After confirmation, the system updates the database, generates a booking record, and displays a booking receipt.

Movie ID	Movie Name	Genre	Run Time	Showtime	Available Seats
1	Alice in Wonderland	Fantasy, Adventure	108	2025-10-20 11:30:00	44
2	Sinners (2025)	Horror, Thriller	118	2025-10-20 13:00:00	50
3	The Black Phone 2	Horror, Thriller	120	2025-10-20 17:30:00	50
4	Weapons	Horror, Mystery	135	2025-10-20 15:00:00	50

Enter Movie ID to Book: 3

Connection Successful

□ The Black Phone 2 | Duration: 120 | Showtime: 2025-10-20 17:30:00

Available seats: 50

How many tickets would you like to book? 1

Enter seat number #1: 1

Record updated successfully!

- Booking Receipt

--- ☐ BOOKING RECEIPT ---
Customer: Denise
Movie: The Black Phone 2
Duration: 120
Showtime: 2025-10-20 17:30:00
Seats: 1
Total Fee: ₦150.0
Payment Status: NOT YET PAID

☐ Date: 2025-11-01
Thank you for booking with us!

○ *Validations:*

- ✓ If the entered Movie ID does not exist, the system displays:
 - “Invalid Movie ID. Please select a valid movie.”
- ✓ If the number of seats requested exceeds availability, the system displays:
 - “Not enough available seats.”
- ✓ Only customers can book tickets.
- ✓ If there are no movies available, the system displays:
 - “No movies available for booking.”
- ✓ Invalid menu inputs display:
 - “Invalid choice. Please enter 1–6.”

➤ Option 3 – View My Bookings

Note: This option allows the customer to view all their active movie bookings stored in the system.

```
--- □□ MY ACTIVE BOOKINGS ---
```

```
Connection Successful
```

```
===== BOOKING RECEIPTS =====
```

```
□□ MOVIE TICKET RECEIPT
```

```
-----  
□ BOOKING ID : 9  
□ USER ID : 14  
□ NAME : Denise  
□ PAYMENT DATE : 2025-11-01T01:10:55.213  
□ MOVIE TITLE : The Black Phone 2  
□ RUN TIME : 120  
□ SHOWTIME : 2025-10-20 17:30:00  
□ SEAT NUMBER : 1  
□ BOOKING FEE : ₦150  
□ PAYMENT : Not Yet Paid
```

1. From the **Customer Menu**, select **3 (View My Bookings)**.
2. The system connects to the database and retrieves all booking records linked to the logged-in user.
3. The system displays each booking receipt with details such as Booking ID, User ID, Name, Movie Title, Run Time, Showtime, Seat Number, Booking Fee, and Payment Status.

Validations:

- *If the customer has no active bookings, the system displays:*
→ “No active bookings found.”
- *Only logged-in customers can view their own bookings.*
- *Invalid menu inputs display: “Invalid choice. Please enter 1–6.”*

➤ Option 4 – Cancel Ticket

Note: This option allows the customer to cancel an active movie booking and automatically restore the seat to available status.

1. From the **Customer Menu**, select **4 (Cancel Ticket)**.
2. The system prompts the user to **enter the Booking ID** of the ticket they wish to cancel.
3. The system connects to the database, verifies the booking record, and updates the status to “**Canceled**.”
4. The seat linked to the canceled booking is automatically **restored to the movie's available seats**.
5. A confirmation message is displayed once the cancellation is successful.

```
--- CUSTOMER MENU ---
1. View Available Movies
2. Book Ticket
3. View My Bookings
4. Cancel Ticket
5. View Canceled Tickets
6. Logout
Enter choice (1-6) : 4
Enter Booking ID to Cancel: 9
Record updated successfully!
 Ticket canceled! Seat restored.
○ Validations:
```

✓ If the entered Booking ID is invalid, It displays: “Invalid Booking ID. Please try again.”

✓ If the booking is already canceled, the system displays:

“This ticket has already been canceled.”

✓ Customers can only cancel their own bookings.

Invalid menu inputs display:

✓ “Invalid choice. Please enter 1-6.”

➤ Option 5 – View Canceled Tickets

Note: This option allows the customer to view all their canceled movie bookings stored in the system.

1. From the **Customer Menu**, select **5 (View Canceled Tickets)**.
2. The system connects to the database and retrieves all canceled bookings under the logged-in customer.
3. A table is displayed showing the details of each canceled ticket, including **Booking ID**, **Movie Title**, **Showtime**, **Seat Number**, and **Fee**.

--- ☐ CANCELED TICKETS ---

Connection Successful

Book ID	Movie	Showtime	Seat	Fee
9	The Black Phone 2	2025-10-20 17:30:00	1	150

○ *Validations:*

- ✓ *If there are no canceled tickets, the system displays:*
“You have no canceled tickets.”
- ✓ *Customers can only view their own canceled bookings.*
✓ *Invalid menu inputs display:*
“Invalid choice. Please enter 1–6.”

➤ Option 6 – Logout

Note: This option allows the customer to safely log out of their account and return to the main system menu.

--- CUSTOMER MENU ---

1. View Available Movies
2. Book Ticket
3. View My Bookings
4. Cancel Ticket
5. View Canceled Tickets
6. Logout

Enter choice (1-6) : 6

==== MOVIE TICKET BOOKING SYSTEM ===

1. Register
2. Login
3. Exit

Enter choice (1-3) :
