User Guide For Movie Theater System

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Customer Login

To login in as a customer use one of the following logins

User: john Pass: pass123

User: jane Pass: pass456

Or choose to login as a guest.

```
=== Login Menu ===

1. Login

2. Login as Guest

3. Create an Account

4. Exit
Enter your choice: [
```

Customer Menu

You have multiple options in the Customer Menu

1. View All Movies

This will show all movies showing at the time

```
=== View All Movies ===
Inception:
Rating: PG-13
Released: 07/16/2010
Runtime: 148 minutes
Genre: Sci-Fi, Thriller
The Dark Knight:
Rating: PG-13
Released: 07/18/2008
Runtime: 152 minutes
Genre: Action, Crime
```

2. View All Showtimes

This will show all the times movies are benign shown at the theater

```
=== View All Showtimes ===

1. Movie: Inception, Time: 4:30 PM, Screen: 001, Available Seats: 50

2. Movie: The Dark Knight, Time: 2:00 PM, Screen: 002, Available Seats: 55
```

3. Search Movie

You can search a movie by a name this will show the movie info and any related showtime

```
Enter movie title to search: Inception

Inception:

Rating: PG-13
Released: 07/16/2010
Runtime: 148 minutes
Genre: Sci-Fi, Thriller

=== Associated Showtimes ===
Movie being shown: Inception
Screen number: 001
Time: 4:30 PM
```

4. Book Ticket

This is where you buy your tickets for a movie

```
=== Buy Ticket ===

Available Showtimes:

1. Movie: Inception, Time: 4:30 PM, Screen: 001, Available Seats: 50

2. Movie: The Dark Knight, Time: 2:00 PM, Screen: 002, Available Seats: 55

Select a showtime by number: 1

Payment processed successfully: PAY1744598824386

Ticket purchased successfully!

Ticket ID: TICKET-1, User ID: guest1, Movie: Inception, Showtime: 4:30 PM
```

5. View Your TIckets

View any bought tickets

```
=== Your Tickets ===
Ticket ID: TICKET-1, User ID: guest1, Movie: Inception, Showtime: 4:30 PM
```

6. View Concessions

View the current concessions available

```
=== Available Concessions ===

C002: Popcorn (Medium) - $6.0

C001: Popcorn (Small) - $4.5

C011: Ice Cream - $4.5

C010: Candy (Large) - $5.0

C009: Candy (Small) - $3.0

C008: Hot Dog - $4.0

C007: Nachos - $5.0

C006: Coca-Cola (Large) - $4.5

C005: Coca-Cola (Medium) - $3.5

C004: Coca-Cola (Small) - $2.5

C003: Popcorn (Large) - $7.5
```

7. Purchase Concession

Purchase any concession

```
=== Purchase Concessions ===
Enter the item ID to purchase: C002
Payment processed successfully: PAY1744598893097
Concession purchased successfully! Payment ID: PAY1744598893097
```

8. Log Out

This returns you to the logout menu.

Staff Login

To login in as a staff use one of the following logins

User: admin
Pass: admin123

User: staff
Pass: staff123

=== Login Menu ===

1. Login

2. Login as Guest

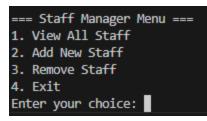
3. Create an Account

4. Exit
Enter your choice: [

Staff Menu

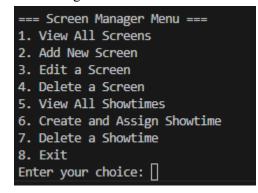
1. Manage Staff

This brings you to the staff menu

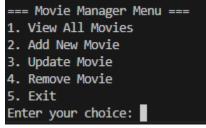


- 1. View All Staff In the System
- 2. Add a member of staff
- 3. Remove a member of staff
- 4. Return to staff menu
- 2. Manage Screens and Showtimes

This manages all screens and showtimes



- 1. View all screens in the system
- 2. Add a new screen to the system
- 3. Edit any existing screens
- 4. Delete a screen
- 5. This views all current showtimes in the system
- 6. Make a new showtime and assign it to a screen
- 7. Delete a showtime
- 8. Return to staff menu
- 3. Manage Movies



- 1. View all current movies
- 2. Add a new movie
- 3. Update any movie in the system
- 4. Remove any movie in the system
- 5. Return to staff menu
- 4. Manage Concessions

```
--- Concessions Manager Menu ---
1. View Inventory
2. Add Stock
3. Update Stock
4. Remove Stock
5. Exit
Enter your choice:
```

- 1. View the current concession inventory
- 2. Add a new concession item
- 3. Update any pre existing concession item
- 4. Remove a concession item
- 5. Return to staff menu
- 5. Manage Refunds

Refunds any made purchases (Needs payment ID ex. PAY1744598893097)

```
=== Manage Refunds ===
Enter Payment ID to refund: PAY1744598893097
Payment refunded: PAY1744598893097
```

6. View All Customers

Views all customers in the system.

```
=== View All Customers ===
Customer1 - John Doe (johndoe@gmail.com)
Customer2 - Jane Smith (janesmith@gmail.com)
```

7. View Payments

View all transactions that have been made

```
=== View Payments ===
Payment ID: PAY1744598824386, Customer ID: guest1, Amount: 10.7, Payment Date: Sun Apr 13 20:47:04 MDT 2025, Status: Completed Payment ID: PAY1744598893097, Customer ID: guest1, Amount: 6.0, Payment Date: Sun Apr 13 20:48:13 MDT 2025, Status: Refunded
```

8. Log Out

Returns to login menu