

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

```
=== Staff Manager Menu ===
1. View All Staff
2. Add New Staff
3. Remove Staff
4. Exit
Enter your choice: █
```

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

```
=== Screen Manager Menu ===
1. View All Screens
2. Add New Screen
3. Edit a Screen
4. Delete a Screen
5. View All Showtimes
6. Create and Assign Showtime
7. Delete a Showtime
8. Exit
Enter your choice: █
```

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

```
=== Movie Manager Menu ===
1. View All Movies
2. Add New Movie
3. Update Movie
4. Remove Movie
5. Exit
Enter your choice: █
```

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