

Project Selected: Movie Theater Management System

Description:

We have discussed the staff being able to add/remove other staff and giving the customer the ability to add/remove tickets, seats and concessions. We are also looking to track concession sales and gross sales for each movie. Tracking metrics for over-all sales of tickets for a given day or tracking different types of tickets sold and similar avenues of reporting. Another report we are looking to print would be information about the current employees and movie titles.

We have added two additional classes being “Seating” and “Concessions”. Below is a breakdown of what we are currently thinking with each class.

Project Classes

Customer

- Customer Info
- Select/modify Movie
- Select Time
- Select Screen
- Select/Remove Seats
- Select/Remove Concessions

Staff

- Enter Password
- Employee Names
- Employee Titles
- Employee Salaries
- Change Movie Titles
- Change movie times
- Employee Discount (might be too much)

Movie

- Titles
- Runtimes
- Rating (R, PG etc)
- 3D
- Movie synopsis
- Cost

Screen

- Imax
- Sets amount of Screens available

Payment

- Credit Card
- Cash

- Apple
- Gift Card
- Voucher

Showtime

- Times

Concessions

- Menu
- Prices

Seating

- Seat Selections
- Add or remove from selection