Database Model for a Movie TheaterSystem

Team member:

Hanlin Ye [hay55@pitt.edu](mailto:hay55@pitt.edu)

Youwei Ma [yom26@pitt.edu](mailto:yom26@pitt.edu)

Ziyao Wu [ziw33@pitt.edu](mailto:ziw33@pitt.edu)

Develop tools and environment:

PHP + mySQL

Description:

Our movie theater system will include:

* The reservation/withdraw of seats
* The list of films (time, auditorium, rate, price, etc) for customers
* The list of employees to each auditorium
* The list of merchandise sold to customers
* The view of profits per month and the rank of film market

This database system has two entries. The entry of managers allows them to access the database to check the reservation status of seats and the entry of customers allows them to read the list of films, reserve seats and purchase merchandise.