

# Project Title : Movie Theater Reservation Program

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## 1. Project context and Goals

The movie theater opens near SKKU. Since the movie theater has just opened, It is very difficult to find screening information. If you want to watch a movie, you should visit the movie theater to check the screening schedule and buy a ticket at the ticket office. It is a time consuming task for everyone. In order to save everyone's time and increase convenience, I am planning to create Movie Theater Reservation Program. Using this program, user can check the list and time of screening movies for a week. The user may select a movie at desired time and then select a seat according to the number of people. The Movie theater manager can easily add new movies or delete movies that are about to end. Also, the manager can provide movie information to help user's choice.

## 2. Main Functionalities

- [Manager] Add new movies by designating the screening time and location.
- [Manager] Remove the existing movies.
- [Manager] Edit movie informations.  
(ex. reservation rate, rating, number of audience...)
- [User] Check the list of movies user can watch on the selected date.
- [User] Check the movie information user chose.
- [User] Check the seat status of the movie user chose
- [User] Book the movie

## 3. How many pages will there be?

- login page, Add movie page, Remove movie page, Edit movie information page for manager. (4 pages)
- sign up page, login page, Date selection page, Movie selection page, Number of people selection page, Seat selection page, Payment page, Reservation confirmation page for user. (8 pages)

## 4. Similar Existing Solutions

- Lotte Cinema ([www.lottecinema.co.kr](http://www.lottecinema.co.kr))
- CGV ([www.cgiv.co.kr](http://www.cgiv.co.kr))

I am not sure how to apply 'multithreading' in this subject. If it is a problem, is it okay to proceed with a different topic from the proposal?