

# *Final Project*

## **MOVIE PLANNING SYSTEM**

Minyu Chen

### **PLAN LIST**

#### **BASIC IDEA**

For my final project, I would love to design a movie planning system, which will incorporate the use of HTML, CSS, Javascript, jQuery and JSON technologies.

#### **INTRODUCTION**

As the application is launched, users need to sign up/ sign on an account. After sign in, they will enter the homepage. Here, on the left side, will display a to-do-list of the current movie plan of the user. In the right hand of the page, there is only a search box at the top firstly and a sentence within it, saying, "What's the name of the movie you are interested in?". After users input and click the Search button, the available showtimes of the movie and the cinema locations will display as a list. Users click to add the film to the to-do list or to remove( the item already in the to-do-list). If there are no available options for the user's input, a message asking the users if they want to add it to the plan list first and a submit button to show up. In the to-do-list, users can change the status of the item to to-do or complete by a click.

#### **PROBLEM BREAKDOWN**

1. Launch the application
  - a) Ask users to input the username and password
  - b) Store the input in a variable
  - c) After clicking the login button, bring users to the homepage
2. Search the movie
  - a) Collecting users' input in the search box
  - b) Use a loop to look up the name in the movie list and check if there is available one
  - c) If there is, display the finding result
  - d) If there is not, ask users if they want to append the name to the to-do list
3. Update the to-do-list

- a) Click an item in the finding result, the font color of it will change and append movie's name to the to-do-list
- b) Click the same option again, the color change back and the movie name removes from the to-do-list
- c) If there is no item in the to-do-list, a message encouraging user to add one shows up
- d) Hover on the item, the related information come out.
- e) The items which have related information and the ones don't are in a different color.
- h) After received a click, the item in the To-do section is removed and appended to Completed section, while the one in the Completed section will do the opposite

## SCHEDULE

### Week 1 (Feb. 25th)

- Constructing rough ideas
- Write the final project proposal

### Week 2(Mar. 3rd)

- Confirmed the final version of the proposal
- Create HTML elements of each webpage

### Week 3(Mar.10th)

- Create a basic CSS style for visualization
- JavaScript Section, create the function

### Week 4(Mar.17th)

- Add JSON functionality to store the value
- Refine the CSS style
- Test code to make sure each function works well
- Get the feedback from class

### Week 5(Mar.24th)

- Modify and fix the problem
- Present and submit all the files including design document and video