

Assignment 2 HTML CSS JS (Elective)

1. According to the picture below, design a similar web page that covers all features (including designing the Date and Time, adding or deleting a row etc.) that introduced in tutorial 4. [50 points]

Movie List

Title	Date	Start Time	Duration	Movie Hall	Price	Type	
The Angry Birds Movie	2020-10-01	08:55	115	1	40.5	Ordinary	Delete
Beauty and the Beast	2020-10-10	10:20	120	7	55.5	Three D	Delete

2. According to our new requirement, adding several logics, and different error messages should be given for each invalid input. [25 points]

- Normalize the Movie Hall number in a range of 1~7, inclusive. Normalize the duration time in a range of 30 ~ 300, inclusive. [5 points]
- Normalize the price to be an positive number and no matter what you enter, it need to be rounded to one decimal place. [5 points]
- Normalize the input of start time, which means if the time lower than 10, please add "0" in front. e.g. 04:05 15:02 [5 points]
- The date you have selected should be after the current date.

For example, if the current date is 2020-10-09 , the date after 2020-10-10 (inclusive) is ok [5 points]

- The different rows with the same title and movie hall can be appeared for many times, but the type for those movies (in the same movie hall) should be same. [5 points]

The table below can be accepted

Title	Movie hall	Type
Hello world	1	Three D
Hello world	1	Three D
Hello world	2	Ordinary
Enjoy in OOAD	1	Ordinary

The table below can not be accepted, because the following two rows have the same title and the movie hall with different types.

Title	Movie hall	Type
Hello world	1	Three D
Hello world	1	Ordinary

3. There are two possible Type of Movie: Ordinary and Three. You need add one column in the table and accordingly, add an `<radio>` tag into form to record the type of Movie. [5 points]

☐ Ordinary ☐ Three D

4. It may be a little ugly to display the form when user is just viewing the record information. Could you move the form to a pop-up dialog or create a button to toggle the visibility of form? The following two pictures are a rough example of dialog. (Tips: You can use a button and toggle the display CSS attribute of the form, or use the Modal Dialog in Bootstrap framework.) [10 points]

Movie List

Title	Date	Start Time	Duration	Movie Hall	Price	Type	
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Add Movie

Movie List

Title	Date					Type	
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Title:

Date:

Time:

Duration:

Price:

Movie Hall:

☐ Ordinary ☐ Three D

Add Movie

5. Remove the code in `css` file given to you in tutorial 4, and then using a better one instead. You need to make the page nicer. (You can use another CSS, or rewrite the whole page completely using frameworks like Vue.js or ReactJS, etc.) [10 points]

How many points you can get in this part depends on the degree of modification and aesthetics of your code.

What to submit

Submit all of your `.html`, `.css`, `.js` files (or other files if you need) along with the screen shots of your page's final appearance, into sakai website before the deadline. Please make sure that all of your files can be linked directly in your submission path.

It is an elective assignment, and we have another one elective assignment in following weeks. We only mark the grade of these elective assignments for once time, and the final grade of elective assignment is the highest of those two.