

CS309 Assignment2 HTML.CSS.JS (Elective Assignments)

1. According to the picture below, design a similar web page about tutorial 4 that covers all features [40 points]

(including designing the Date and Time, adding or deleting a row etc.).

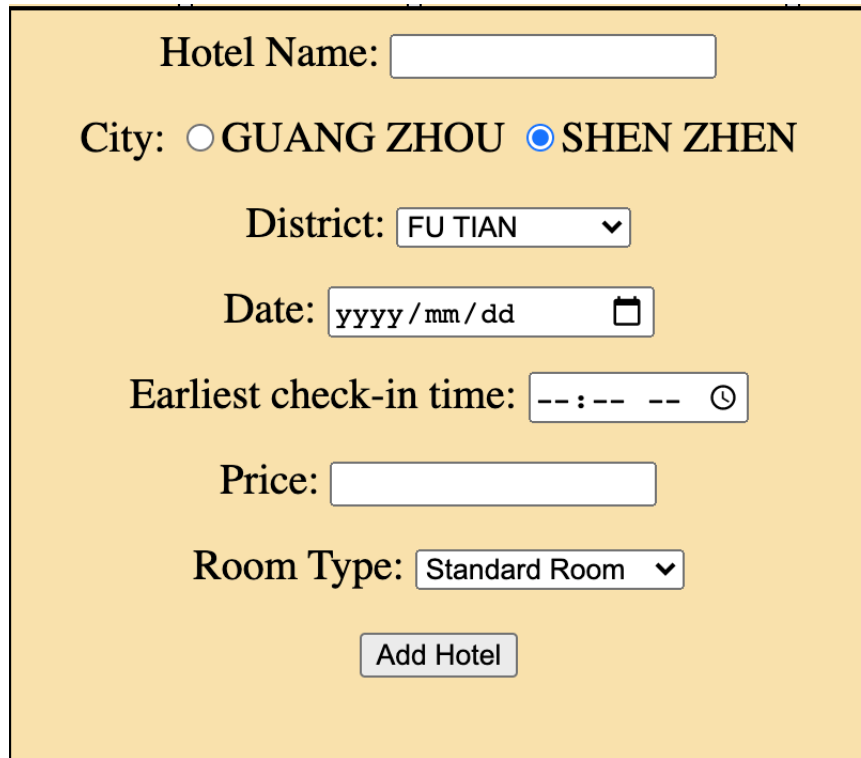
Hotel List

Hotel Name	City	District	Date	Earliest check-in time	price	Room Type	Operation
Sheraton	SHEN ZHEN	FU TIAN	2021-10-01	14:00	953	Standard Room	Delete
Intercontinental	SHEN ZHEN	YAN TIAN	2021-10-02	13:00	3940	King Bed Room	Delete

Add Hotel

2. According to our new requirement, adding several logics, and different error messages should be given for each invalid input. [35 points]

Form example:



2.1 Hotel Name can only be English Letters

2.2 City and District:

- City is a **Single choice radio**, and the value of which only can be `GUANG ZHOU` or `SHEN ZHEN`
- District is **Drop Down select**, and the option of which should be **changed with the value of City**.

For example, if we select `SHEN ZHEN`, the value of district should be changed immediately to `FU TIAN, NAN SHAN, LUO HU, LONG GANG, PING SHAN, LONG HUA, GUANG MING, YAN TIAN`

2.3 Normalize the input of check in time, which means if the time lower than 10, please add "0" in front.

e.g. 04:05 15:02

2.4 The date you have selected should be after the current date.

For example, if the current date is 2021-10-09, the date after 2021-10-10 (inclusive) is ok.

2.5 Room Type:

- Hotel type is **Drop Down select**, and the option of which are `Standard Room, King Bed Room, Family Room, Presidential Suite`

2.6 Uniqueness of Each Row:

- Different rows with the same **Hotel Name**, **City**, **District** and **Room Type** can not be appeared for many times.
- **Price** should not be same if different rows have the same **Hotel Name**, **City** and **District**, but the **Room Type** is difference.

3. 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? [10 points]

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.)

Hotel List

Hotel Name	City	District	Date	Earliest check-in time	price	Room Type	Operation
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Hotel List

Hotel Name	City	District	Date	Earliest check-in time	price	Room Type	Operation
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Hotel Name:

City: ☐ GUANG ZHOU ☒ SHEN ZHEN

District:

Date:

Earliest check-in time:

Price:

Room Type:

4. 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. [15 points]

You can use another CSS, or rewrite the whole page completely using frameworks like Vue.js or ReactJS, etc.

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