

**King Saud University**  
**Information Technology Department - CCIS**  
**Web Application Engineering – IT312**  
**First Semester 2020/2021**  
**Final Lab**



In this final lab, you are required to add your code in the given files: index.html, style.css, and javascript.js. Follow the requirements that are listed in each part: HTML, CSS, and JavaScript in order to add your code in their corresponding files.

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As a result, you are going to create one page of 'Client Information Record System'. It is a service used to print client card. The page will enable the client to fill his information, and click 'submit'. Then, the information will be presented in the page's table.

**Before Start:**

- Download all the existing files HTML, CSS, and JavaScript.
- Open all these files and **read the code in general carefully** before start read the questions.
- Write your name and ID in the beginning of each file, then start modify each file as described below in each part.

**Part 1: HTML**

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Modify HTML file by filling each "HTMLQ#" part:

Modify Table:

1. HTMLQ1  
"User Card" is the title of the table.
2. HTMLQ2  
The table consists of 1 column and four rows

Modify Form:

3. HTMLQ3  
"User Information" is the title of the form.
4. HTMLQ4  
Add an attribute in the input tag to make width equals to 200pt.
5. HTMLQ5  
Age range dropdown Menu: (15-39, 40 and above).
6. HTMLQ6  
Spoken Languages: (English, Arabic, French) (Check List)
7. HTMLQ7  
Add submit button before save button.

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Part 2: CSS

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Modify CSS part by filling each “CSSQ#” part:

Modify HTML to link CSS file:

1. CSSQ1  
link style.css file.

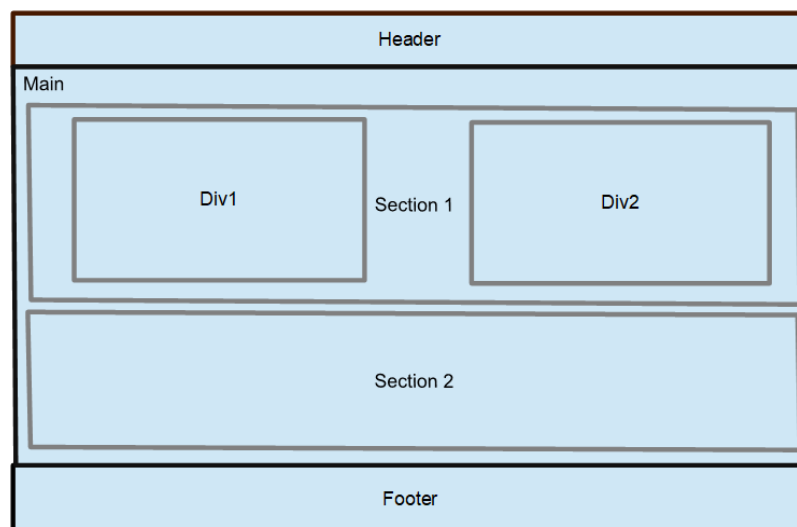
Modify CSS file:

2. CSSQ2  
The body have powder blue as a background color.
3. CSSQ3

**Table and Cells are**

- padded with 15pt.
- Have a solid black border with 1px width
- collapsed.

4. CSSQ4  
Add **Div1 selector** to provide
  - Margin left and top 11%
  - Width with 30%
  - Add a *property* and *value* to display the following positioning.



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### Part 3: JavaScript

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Modify JavaScript part by filling each “JSQ#” part:

Modify HTML to link JS file:

1. JSQ1  
link javascript.js file.
2. JSQ2  
Call function **FillTable()** when click on submit button.
3. You are free to add ids or classes in index.html page to solve the rest of requirements

Modify JS file:

4. JSQ3  
Write the content of the function **FillTable()** to do the following:
  - When female is chosen, girl.png image will appear in div1
  - When male is chosen, boy.png image will appear in div1.
  - Each value of the form will be filled in a separated row in the table. *“As shown in the output”*
5. JSQ4  
Write the content of the function **change()** to do the following:
  - When mouse over the table, the function changes the table such as:
    - if the drop-down list value is “15-39”, table background color→ light green.
    - if the drop-down list value is “40 and above”, table background color→ light pink.
    - The cell of the client *age* will be disappeared.
6. JSQ5  
Write the content of the function **unchange()** to do the following:
  - When mouse goes out of the table, the function changes table back ground color to light gray. And the cell of the client *age* will appear again.
7. JSQ6  
Write the function **SavedForm()** such that:  
When a user press Save button, Alert message will be displayed tells the user that the information has been saved.

### Part 4: Handing your final lab solution

When you finish, make sure to:

1. Create folder in your **Desktop** called “**S#\_ID\_Name\_IT312\_Final\_Lab**”
2. Put all modified files HTML, CSS and JS files into this folder.
3. Open your **LMS** account then **upload** the folder.

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Output print screens:

When the page is Opened:



This screenshot shows the 'Client Information Record' form as it appears when first opened. The form has a light blue background with a green header and footer. The header contains the title 'Client Information Record'. The main content area has a light blue background. In the center, there is a 'User Card' with an orange background and a grey table with four empty rows. Below the 'User Card' is a 'User Information' form with a yellow background. This form contains fields for 'Full name:', 'Gender:' (with radio buttons for 'male' and 'female', where 'female' is selected), 'Age Range:' (with a dropdown menu showing '15-39'), and 'spoken languages:' (with checkboxes for 'Arabic', 'English', and 'French', where 'Arabic' and 'French' are checked). At the bottom of the 'User Information' form are two buttons: 'Submit Form' and 'Saved'. The footer contains the text 'King Saud University 2019'.

After pressing submit button.

This screenshot shows the 'Client Information Record' form after the 'Submit Form' button has been pressed. The form layout is identical to the previous screenshot, but the data has been populated. The 'User Card' now displays a female user icon and a table with the following data: 'Sara Ahmad', 'female', '15-39', and 'Arabic French'. The 'User Information' form now shows 'Full name: Sara Ahmad', 'Gender: female' (selected), 'Age Range: 15-39', and 'spoken languages: Arabic, English, French' (all three are checked). The 'Submit Form' and 'Saved' buttons are still present at the bottom of the form.

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When mouse over the table	
Age range 15-39	Age range 40 and above
<div>User Card</div> <div><div><div>Sara Ahmad</div><div>female</div><div>Arabic French</div></div></div>	<div>User Card</div> <div><div><div>Ali Ahmad</div><div>male</div><div>Arabic English</div></div></div>

Good Luck..