Lab 1 – Web Applications

Objectives

- Making a Team of 3
- Reviewing the common requirements to build a normal web-page
- Reviewing HTML and CSS main syntax to build a web-page layout
- Reviewing the semantic of elements in HTML and CSS

Instructions

1-Create files with these names “lab1-Team#.html”, and “lab1-Team#.cs”, add your code at each step to the relevant file.

2-Create a web-page that consists of text box at the top of the page with two drop-down lists (see step 3 below). The title of the page is “Advanced Art Work Search”.

3-The “Genre” list at the right of the page contains choices: “Baroque”, “Renaissance”, and “Realism”. And the “Action” list at the left of the page contains choices: “Archive”, “Edit”, “Delete”, and “Collection”. The drop-down list items should have numeric values starting with 0.

4-Create a table of paintings and then add images of your 3 favorite paintings in it (with proper sizes comparing to the size of the table). Add the images in a column at the left of the table. Next to each painting image (at the left of the image column), add a radio button.

5-Create 5 other columns at the right of the image column in that table with these titles (title of each column is at the top of the table): 1) “Title” which is the name of the painting, 2) “Artist” which is the name of its painter artist, 3) “Year” which is the year of its creation, 4) “Genre” which is its genre, and 5) “Actions” which is a list of action buttons (see step 6 below).

6-At the row of each image and at the right end of the table, under the Action column, add a list of 4 action buttons beside each other. The action buttons in each row are a series of <button> containers with a dummy link (now) that can get commands to apply on each image.

7-While some of the styling has been provided, you can add additional CSS styling to the page above (e.g.: you can add an image on each of the action buttons).

8-Test your created form above in a browser, on a lab computer.

Note-You can improve your created form above in the next labs.

Deliverables & Marking Schema

Students are recommended to work on the Lab computers and use software installed on them, as the TA will mark the assignments by running the submissions on the lab machines. Each team should go through the instructions above, discuss the solutions via team work, and finally indicate the results to the TA in order to get mark for the lab. Leaving each lab without discussion about the results with the TA, means no mark for that lab.