COSC 2956 ASSIGNMENT #3 (Group Assignment)

DUE: Friday February 11th, 2022

Complete all of the following questions.

#1 Chapter4, Project 2: Book Rep Customer Relations Management

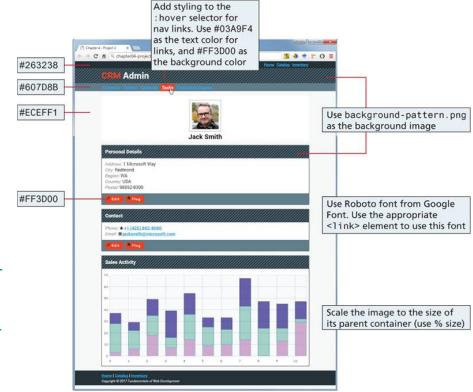
Difficulty Level: Intermediate

Overview

This project updates the CRM HTML page to add some visual style and make it look professional.

Instructions

- Use your chapter03project02.html as a starting point and rename it to chapter04project02.html.
- Use the reset.css file provided to reset all default styles.
- Create an external style sheet named chapter04project02.css.
- Add styles to chapter04project02.css so that it looks like that shown in the Figure provided. Do



not modify the markup within the <body> element. This means defining styles for the header, footer, section, and other tags.

Hint: Use attribute selectors for the mail and telephone link icons as shown here:

```
a[href^="mailto"] {
            background: url(images/email.png) no-repeat 0 3px;
            padding-left: 1em;
} a[href^="tel"] {
            background: url(images/call.png) no-repeat 0 3px;
            padding-left: 1em;
}
```

Test and Validate Your Code

- 1. Visually compare your output to that shown in the Figure above.
- Validate the page by either using a built-in tool in your editor or pasting the HTML into http://validator.w3. org or https://html5.validator.nu and ensure that it displays a message that indicates it contains no errors. Additionally, validate the CSS file using the https://jigsaw.w3.org/css-validator/ Include a screen shot of the results in a PDF file to show it has no errors.

#2 Chapter 4, Project 3: Art Store

Difficulty Level: Intermediate

Overview

This project builds on the art store, but purposefully leaves you having to dig a little deeper into CSS.



Instructions

1. You have been provided with the markup for a file named chapter04-project03.html. Remove all default styles via a reset.css stylesheet, as done for the previous project.

- 2. Define the relevant CSS styles so that your output looks like that shown in the Figure provided. Do not modify the markup within the <body> element.
- 3. You will have to use a CSS3 feature that will require some research on your own. The **background-size** property can be used to force a background image to resize to the width of the browser window.
- 4. Notice that two of the blocks in the Figure above are partially transparent. Remember that CSS3 allows you to specify the alpha transparency of any color.
- 5. Finally, the header uses the font Merriweather which will have to be supplemented with other options in the font stack in the event that font is not present on the client's computer.

Test and Validate Your Code

- Validate the page by either using a built-in tool in your editor or pasting the HTML into http://validator.w3.org or https://html5.validator.nu
 and ensure that it displays a message that indicates it contains no errors. Include a screenshot in a PDF report (same one for all files)
- 2. Try resizing your browser to ensure the image resizes dynamically to fill the space, and the floating objects position themselves correctly.
- 3. Try out different browsers or platforms to see if it really works on all types of devices. To emulate mobile browsers, shrink the browser size, as shown in the Figure above.

#3 Chapter 5, Project 2: Art Store

Difficulty Level: Intermediate

Overview

Edit Chapter05-project02.html and Chapter05-project02.css so the page looks similar to that shown in Figure below.

Instructions

1. The form at the top of this page consists of a text box, a list of radio buttons, and two drop-down lists. For the Genre list, make the other choices "Baroque," "Renaissance,

and "Realism." For the Bulk Actions list, make the others choices "Archive," "Edit", "Delete," and "Collection." The drop-down list items should have numeric values starting with O. Notice the placeholder text in the search box.



2. Create a table of paintings that looks like that shown in Figure above. Be sure to make the table properly accessible.

3. The checkboxes in the table should be an array of elements, for example, <input type="checkbox" name "index[]" value="10" />. The name and values are arbitrary, but each checkbox needs to have a unique value.

- 4. The action buttons in each row are a series of <button> containers with a dummy link and an image within the button.
- 5. Set the form's method attribute to GET and its action attribute to http://www.randyconnolly.com/tests/process.php.
- 6. While some of the styling has been provided, you will have to add some additional CSS styling to achive the look shown in the Figure above.

Test and Validate Your Code

- Validate the page by either using a built-in tool in your editor or pasting the HTML into http://html5.validator.nu and ensure that it displays a message that indicates it contains no errors. Include a screenshot in a PDF report (same one for all files)
- 2. Test the form in a browser (or two). Verify that the output from process.php matches that shown in the Figure provided. Include a screenshot of the output in your PDF report.

Submission Instructions:

- Make sure each HTML and CSS files all contains your group number and all member names.
- 2. Place each solution into its own folder. When opened, each HTML page must work correctly.
- 3. Place all the files into a single zip file and name it as **Assignment3_GroupXXX.zip** If the file does not have your group #, it will not be graded.
- 4. Be sure to keep your HTML and CSS files, as these might be used for future assignments.