

CIS 59C Group Project

Design and Develop a Website on an approved Topic using HTML 5, CSS3 and JavaScript

Objective: To design and develop a website applying **JavaScript skills you are acquiring from this class** as well as using Internet and other resources.

Collaborative Learning: I have allowed Canvas to randomly assign you in five different groups and have set up in Canvas **Website Group Project** under Discussions, where **you are required** to do your group communication and upload/share your work under File link of your group.

Website Project Topic Approval: The topic of your website for each group must be approved by the instructor one week from tonight (**10 points**), it will be calculated towards your website total points.

Prepare a one-page double-spaced written discussion of the following:

- Describe the goal of your web site in one or two sentences.
- Who is your intended audience?
- What opportunity, problem, or issue is your website addressing?
- List the working title of each page you are going to have in your website.
- What type of content might be included in your site?
- List where you will obtain the content (facts, text, graphics, sounds and video) for the website.

(Each group must upload on canvas under their group Files link the website project topic for approval by 11:59 pm on February 27th)

Website Project Requirements: Your website should contain a home page and at least three content pages (no more than five content pages). It is mandatory you create an external style sheet (.css file) that configures page layout, text, color etc... (No font tags, embedded CSS, or inline CSS may be used, unless used with JavaScript). You are required to code with an external JavaScript .js file that validates your forms creates a DOM table and/or makes others changes as you intend.

- How informative is the Website on covering the chosen topic? (**5 points**)
- Association with external style sheet (.css file) and (.js file) (**20 points**)
- Consistent navigation, banner/logo and having all the required pages (**5 points**)
- Coding a DOM table (**20 points**)
- Having a form with at least seven form entries (**10 points**)
- Full validation of the form before user is able to submit it. (**30 points**)
- Multimedia video, audio, image gallery, transition not required, but you are welcome to use (*consider the size of your overall website when you pick multimedia assets*)

Current common browsers must render your web pages. Your web site project will be evaluated on the above criteria.

Website Project Submission: Each group will upload the final version of the website project (clearly marked as the final version) on a zipped folder under your group Files link. Make sure you detail on a text document included on your final version the names of the group members that did what part of the Group Project, which will be part of the evaluation.

Group Project **due on May 14th by 11:59 pm**