

1. Project Objectives

The purpose of this project is to enable you to demonstrate your understanding in building a website using what you have learned in designing and building a front-side website. You will be able to combine your knowledge of HTML, CSS and JavaScript that you have learnt over the semester to develop an effective, attractive and useable website.

2. Requirements overview

A business or an organization (e.g., clothing shop, restaurant, pharmacy, home based business...etc.) has contacted you to build website to help them introduce themselves and display their products and services. The organization has provided you with total freedom over the branding of their online presence, so you can exercise your imagination and creativity while applying the technologies covered . You may want to contact a real organization, business or committee inside the college and target them in your application or to find a local business that you can use as a source for the needed information, as long as the required web application meets the assignment specifications. **The main specifications are detailed in section 3 & 4.**

3. The Website Content

The website must contain the following pages:

- Home page.
- Three or more product category pages, with two or more individual products listed per category.
- For each product, an individual product page which includes a product image, description, and pricing.
- A page about the company.
- A page with information on customer service/contact.
- A FAQ Section.
- A Form that collect information from the visitors or clients.
- A page about the web designing team members.

4. The Website Specifications

The website will be built by using HTML, CSS, and JavaScript.

- **ORIGINALITY.** The site design must be of your own making. You may use an existing business upon which to base your design, but you may not use their existing web site design as a starting point.
- **LAYOUT.** The arrangement of text and images on each page should be attractive and well organized. The layout is CSS-based rather than table-based.

Final Project of Web

- **NAVIGATION.** Navigation is user-centered, well named and well organized. The navigation must be visible without scrolling and located in the same place on every page.
- **CONSISTENCY.** All pages are consistent in layout: navigation, content, logo, etc. are always in the same place on the page. The color scheme is consistent throughout.
- **TEXT.** The text is large enough to read and contrasts strongly with the background color. Each page must have at least one heading (e.g. <h1>) and at least one paragraph of text. The heading and text must all be styled in CSS.
- **CSS.** There must be at least one external style sheet which controls the fonts, color, and other presentational elements of the website. There are at least 10 CSS rules in the external style sheet. There are no internal or inline CSS styles.
- **IMAGES.** Each page must contain at least one image.
- **TITLES.** Each page must have a logical <title> element that identifies both the website and the topic of the page. The home page title may include just the site name, but a tagline is helpful to explain more about the company.
- **LIST.** At least one page includes an ordered or unordered list, coded using the appropriate HTML list tags.
- **TABLE.** At least one page contains a table of data. There are table headers and a table caption. Table HTML is used only for data, not for layout.
- **FORM.** At least one page contains a form. It is okay if it does not function due to the lack of a corresponding database. It must include at a minimum:
 - Some text above it identifying what the form is for
 - One text field
 - Two radio button or checkbox options
 - Default answers
 - A submit button
 - A reset button
 - Use HTML5 Form validations
- **JAVASCRIPT.** Use JavaScript within your website to add functionality and interactive features.
- **CREATIVITY.** Be creative! Expand your web development skills wider than what you have learned in this course. Think about your website design to make it more attractive and appealing. For example, do not just list questions & answers in the FAQ page, instead, build an interactive page, for example, use show and hide features or make your question clickable to show answers.