Final Project
The Retro Product Micro-site

Description:

Believe it or not, there was a time before the Internet, and they had products too!

For this assignment, the idea is to select a product that existed before the Internet (1993) and create a website for it.

Consider this project as if the company had dusted off the product and now wanted to market it on the web. The website should have a polished finish and be fully responsive.

This project *must be done in a group* of three (described and announced earlier on Blackboard and in classes). Groups will present their final project in class (7 minutes for each group). This work should be original and should not include libraries such as Bootstrap. *Using a library will result in a zero for the project.*

Instructions:

Please read and follow the instructions below carefully:

1. Do a quick search for a product before 1993, wiki would be a great place to look.
2. They may not have had a website but there should be some images and text content for you to collect to use on the website.
3. Arrange the content that you have gathered into **4 different pages**.
    a. **The home page** – This should contain a mixture of different media types and textual content, remember the home page will be the first page that a user interacts with, so it needs to *grab the attention of the user*.
    b. **About the company** – The about page should contain content about the company. An about page is normally just an informational page that contains the company's story. The point of this page is *to create trust between the user and the brand*.
    c. **Product page** – This page is straightforward. *The purpose of this page is to display the product with the intent to sell the product*. The content should be a mixture of images and text.

   d. **Contact page** – The contact page should provide all the information needed to contact the company *and it should also contain a contact form*.

4. Construct **4 pages** for the content. These pages should have *all the proper **metadata*** and ***valid HTML elements***.
5. Create ***a global header and footer using JavaScript*** *(You will learn the required JS skills in upcoming classes)*.
6. Use JavaScript to enhance the user experience.
7. Create **an organized file hierarchy**. This means files should be named appropriately and nested in the correct directories.
8. There should be **no inline or embedded CSS**. *All CSS should be contained in its own file*.
9. **Comment your code.**
10. **Validate all HTML and CSS files.**

How to submit your project:

Group members will use GitHub for code collaboration (described below in the section "Steps for code collaboration on GitHub").

1. Make sure to validate your HTML and CSS files using the below tools:
   - HTML: https://validator.w3.org/
   - CSS: https://jigsaw.w3.org/css-validator/
2. **Group submission:**
   - Choose a representative (**organizer**) for your group; this person will create and manage **a private GitHub repository** for the final project's code collaboration, which will be **shared and accessible** to all group members (by adding their GitHub accounts as **collaborators**).

   - Project files and folders (structured) are contained in the project repository, along with a **text file** containing information about the project participants (named "***team-members.txt***" and located in the root folder). *Students who are not active in completing a group's final project are not considered teammates and will not get a grade simply because they are in a group.*

   - **All active group members** will submit **three items** (**a.** and **b.** by **December 4th @ 11:59 PM**):
     a. ***The project code zip file*:** Download the repository ZIP file from the GitHub account (the last version and the same submission for all teammates) and submit it to Blackboard.
     b. **The link to the project source code on GitHub:** Submit the project's private GitHub repository link on Blackboard (the same link for all teammates).

     c. And one link on December 5th @ 11:59 PM: Submit **the published website link** on Blackboard (using GitHub Pages).

*** Submission and presentation due dates of final projects cannot be extended.**

Steps for code collaboration on GitHub:

1. **Create a GitHub repository:** One of the group members (organizer) should create a new private repository on GitHub named "**COMP1002-FinalProject-F24**". ***Please ensure you have added*** "**Dario-Hesami**" ***as a collaborator for this new repository***.
2. **Add collaborators:** The repository owner (organizer) adds the other two active group members as collaborators.
3. **Clone the repository:** Each group member should clone the repository to their local machine.
4. **Create branches:** Each group member should create a new branch to work on a specific feature or task (e.g., "Home page", "Product page", "Main CSS", "CSS for Contact page ", "JS code", "Website logo", "Navigation", and so on).
5. **Make changes and commit:** Each group member can make changes to the code, add files, and make commits to their local branch.
6. Push changes to GitHub: After making commits to their local branch, group members can push their branch to the GitHub repository.
7. **Create pull requests:** Once a group member has pushed their branch to the GitHub repository, they can create a pull request to merge their changes into the main branch of the repository. Other group members can review the changes and provide feedback.
8. **Review and merge pull requests:** The group can review each other's pull requests, discuss any changes that need to be made, and eventually merge the pull requests into the main branch of the repository (the repository owner can merge branches into the main branch. However, to allow other group members to merge branches, the owner should grant them the necessary permissions.

By following the above steps, teammates can work together on their final project using GitHub effectively. **Groups following this standard and professional code collaboration will receive a bonus mark**. *If you find creating different branches and pull/merge requests challenging, no worries, each group member can upload files and folders directly to the main branch of the GitHub repository*.

Web server:

*Website deployment is necessary; publish your website (the final project) on GitHub Pages. Submissions without a published website link (public) will not be evaluated.

After submitting the final project on Blackboard (this will be the last version of your project) after Wednesday, December 4th, at 11:59 PM (until this due date, the project GitHub repository is private and only group members and the course instructor can see it), you are not allowed to do any changes to the code and project, **and then on Thursday, December 5th, in order to deploy the website publicly** (*a necessary task*) and be prepared for the presentation step, **change the repository visibility from private to public** (therefore, everyone can see the final project GitHub repository. **Then, use the GitHub Pages feature for deployment and publishing your website**. Please note that you must do this step (publishing the website) after the project submission due date - but not before that (after Wednesday, April 10th, at 11:59 PM and before the project presentation on Friday, December 6th).

Note:

To complete all project steps and wrap up, all group members must submit the published website on Blackboard on *Thursday, December 5th*.

Evaluation:

*Website deployment is necessary; publish your website (the final project) on GitHub Pages. Submissions without a published website link (public) will not be evaluated.

You will receive 22% of your final grade for this assignment. The grade will be based on *how well you followed the instructions* from **technical aspects**, **creativity**, **teamwork**, and **presentation**.

The evaluation includes two parts:

1. ***Project code** assessment* (**website must be published on the web using GitHub pages**).
2. **Teamwork** (code collaboration) and **presentation** assessment (*"Commit" pushed to the GitHub repository by group members will be checked*).

*** The following chart outlines the assessment criteria for the project code and the website** (*presentation instructions and a rubric for teamwork evaluation will be announced later*).

Evaluation	0 - 1	2 - 3	4 - 5	Mark
Valid HTML	HTML was not validated	HTML was validated but has errors	HTML was validated and found no errors	/5
File hierarchy	Files are disorganized	Some organization is seen but not used correctly	Files are neatly sorted into the correct directories	/5
Semantic elements	The elements were used in the way that they were intended	Only some elements were used in the way that they were intended	HTML elements were used correctly	/5
CSS	There was little to no CSS applied and or the CSS was not in its own file	CSS was in a separate file, but minimal styling was applied	CSS was in a separate file and there was a good amount of effort put into the styling	/5
Global navigation	A global navigation and footer is not present	A global navigation and footer is there but not created with JavaScript	A global navigation and footer was present and created using JavaScript	/5
HTML pages	No HTML pages are found	There are not 4 HTML pages	There are 4 HTML pages	/5

Media	No images or video were used	Images or video were used but with errors	Images or video were used with no errors	/5
Responsive	Website was not responsive	The website was responsive but no on all viewports	Website was fully responsive	/5
JavaScript	No JavaScript was used	JavaScript was used but with errors	JavaScript was used with no errors	/5
Is the micro-site convincing	The website does not look like a website that a company would use	There was effort into making the website look like a website a company would use	The website looks like a website a company would use	/5
Does the microsite have a good finish	Very little effort into the overall appearance of the website	A good amount of effort was put into the appearance of the website	The website has a good finish	/5
Comments	No comments found	Some comments were found	HTML, CSS, and JavaScript code is well commented	/5
Total				60

I wish you all the best and hope you enjoy working with your group members on this project. teamwork involved in developing this project will give you valuable experience.

COMP1002 – F24 – HTML, CSS, & JS Fund.
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