**Module: CMPU 1031 Web Development 1 – TU856/1 and TU850/1**

**Weeks 2 and 3**

**Lecturer: Mariana Rocha**

Deadline: 04/10/2024 by 11.59 PM.

Dear Students,

Before working on the following tasks, please check the file “CA 2: Clients request” to see what each client expects you to deliver. Then, please read the following instructions carefully.

For this assignment, you are required to deliver 4 (four) main tasks:

* Task 1: Create a repository on GitHub to store your files. Add your teammates to the repository as collaborators.
* Task 2: Sketch (on paper or digitally) a low-fidelity prototype of your website’s main page.
* Task 3: Deliver 3 (three) HTML pages following your client’s requests.
* Task 4: Write an email to your client explaining your decisions.

**Task 1: Create a GitHub repository and add your teammates as collaborators**

**[0.5 marks]**

One team member should create a new repository titled "WebDev\_Project\_TeamName" (choose a professional team name). Set the repository as "Public" and add a README file with a brief project description.

Now, this team member must invite the other teammates to collaborate with the repository:

* Go to your repository on GitHub.
* Click on "Settings" --> "Collaborators" --> "Add people".
* Enter your teammates' GitHub usernames to invite them.

**Task 2: Sketch your website’s main page**

**[1 mark]**

To illustrate your ideas to your client, work on a low-fidelity prototype of your website. This can be done by sketching the website’s homepage on paper and taking a picture or scanning it. You can also use digital tools such as Figma, but remember that low-fidelity prototypes should be simple. Try to include elements you might want to add to your final website, such as menus, banners and images.

**Task 3: First 3 (three) website pages**

**[3 marks]**

Work on 3 (three) HTML files:

* Your website’s “homepage” (index.html): The main entry page of your website, following the structure from your prototype.
* Your website’s “about” page (about.html): A simple page introducing your client’s business or their story.
* Your website’s “contact” page (contact.html): A page with a basic HTML form. You might need to do a bit of research in case you are not familiar with HTML forms yet.

Each page should include at least 5 (five) HTML elements (HTML tag + Content). Tags included in the HTML boilerplate, such as <!DOCTYPE html>, <html>, <head>, <body>, are not considered. Use the basic HTML tags covered in our lectures.

When adding images and videos to your website, consider copyright-free ones, allowing you to share your website as part of your developer portfolio without legal issues. You can find free images on the following websites:

* unsplash.com
* pexels.com
* pixabay.com
* freepik.com
* commons.wikimedia.org

Always check the license details on the image page. If the license requires attribution, include a small caption or a credit line near the image. Example:

<img src="images/your-image.jpg" alt="A beautiful sunset">

<p>Photo by John Doe on Unsplash</p>

Avoid using images from Google search directly. These images are often copyrighted and not free to use.

Do not worry too much about the design of your pages just yet. We still have not covered all the content you need to add CSS to your website, so you can leave it for the next assignment.

Once you finish your three pages, upload the code to the GitHub team repository.

**Task 4: Email the client**

**[0.5 mark]**

When submitting your assignment, add an email to be sent to the client explaining your deliverables and the decisions you have made.

Once you finish your tasks, make sure you upload the following on Brightspace:

* Low-fidelity prototype of the website homepage
* 3 (three) HTML pages
* Email to the client (as a Word document or a comment on the submission).