**IT 3203 Project Milestone #1: Basic Website with HTML/CSS**

**Due Date**: See D2L

**Overview**

We will start with a simple information website to present your research. Use your research in Assignment #1 as a starting point, modify and present content as web pages, using HTML and CSS. You can also switch to another web technology or development topic.

**Before you start milestone #1**

Make sure you have read the “IT 3203 Web Development Project General Guide” to have a general understanding of the whole project.

**Main Requirements**

1. **Content and Structure**: Create the basic structure of your website to include at least six pages.
   1. Homepage: serves as a cover page with title, brief intro or abstract, key terms, and table of contents linking to other pages.
   2. Topic pages: at least two pages depending on your content, each for one subtopic/section from your research. You don’t need to finalize your research at this time. You will continue to do more research and present more content in the next two milestones.
   3. References and resources page: include references and good learning resources, with links if possible.
   4. Key concepts page: explain 5 to 7 key concepts related to your research subject.
   5. About page: introduce yourself (like a mini resume) and this project.
   6. There should be a main menu that is consistent on every page.
2. **HTML**
   1. Use proper HTML elements to present your content. You have to use headings, lists, images, and tables.
3. **Style**: Apply CSS to style your website. Use only one CSS file. Focus on a simple and clean style. You can enhance the design in later milestones.
   1. Need to demonstrate the use of three types of selectors
   2. Need to have a layout implementing CSS grid or flex
   3. Need to apply the following style attributes: hover effect on links, paddings and margins, borders, coloring (text or background), font settings.

**Other Requirements**

1. Please put a note on the site (footer or a separate page) to indicate this is a class project with a link to the class website <https://ksuweb.github.io/IT3203/>
2. **Documentation**: Include comments in your code to explain your implementation.
3. **Deploy** your site to your GitHub Pages using a specific project repository.
4. **Validate** your HTML using the HTML validator.

**Submission**

* Submit the URL (directly put it in the Comments textbox, and make it a clickable link). Make sure it works online.
* Compress all source code files into a .zip file and submit it as well.

**Grading Criteria**

* Meet the requirements specified above.
* The live site works correctly.
* Web page design quality. The professional style and creativity on the pages.
* Code quality, organization, and documentation. Well-formed and clean code. You should not use any wizard or tool to generate the code, nor should you copy and paste codes from other sources without cleaning it.
* Follow the submission requirements.

**Additional Notes:**

* The quality of research is not graded in this milestone. However, the research (page content) will be assessed at the end of the project. Please improve your page content throughout the semester.
* This project is an opportunity to showcase your creativity and apply the web development skills from this course.
* Explore online tutorials and resources to enhance your skills in web development and design.