**IT 3203 Project Milestone 2: Dynamic Frontend**

**Due Date**: May 6, 2025

**Web Link:** [**Portfolio**](https://tbar1864.github.io/Tomb-Web3c-Project/)

**Overview**

This milestone is a continuation from milestone 1. In this milestone, we will add a quiz to your project, and continue to improve your website.

**Main Requirements**

1. Add a self-assessment quiz on your site
   1. Create a quiz on a separate page and include it in your site menu. I created a quiz page and added it to my new website.
   2. In this quiz, you will design a set of questions for users to assess their understanding after they read your writings and related materials in milestone 1. The questions need to be relevant to your writing. Quiz page has 7 questions related to my research papers.
   3. Use JavaScript and HTML form elements correctly and creatively to design the quiz. Used tag element for basic quiz.
   4. The quiz needs to have at least three multiple-choice questions (with only one choice correct), one filling-blank question, and one multiple-choice question with more than one correct choice. Quiz has 7 questions include 1 multiple choice and 1 fill in the black questions.
   5. When a user completes the quiz, display the total score, score and answer to each question, and overall pass/fail result on the page. Quiz will display the total score, score and answer to each question, and overall pass/fail result on the page.
   6. Provide a choice for users to restart the quiz. Quiz includes restart.

Real-world example quiz app for your reference:

* <https://www.geeksforgeeks.org/quizzes/introduction-to-javascript/>
* <https://www.w3docs.com/quiz-start/html-basic>
* <https://www.w3schools.com/quiztest/quiztest.asp?qtest=CSS>

1. Content and style improvement
   1. Continue to improve your page style and layout. I reworked my webpage creating a new and improved webpage compared to the first one.
   2. Continue to enhance your website content. You can continue to do more research and present more content. Add more references and resources. Includes enhancements and more content.
   3. Update the menu on each page as well. I improved the menu adding a left side and a right side with additional public links.
   4. Refactor and optimize your HTML/CSS code. I have started optimizing and adding responsiveness to webpages to support different window sizes.

**Other Requirements**

1. **Documentation**: Include comments in your code to explain your implementation. Complete.
2. **Deploy** your site to your GitHub Pages in the same project repository from milestone 1. Complete – but added a new repository since I completely reworked my original webpage.

**Submission**

* Submit the URL (directly put it in the Comments textbox and make it a clickable link). Make sure it works online. Complete.
* Make a milestone report detailing how your work satisfy each of the main requirements. Explain your work with screenshots. Complete.
* Compress all project source code files into a .zip file and submit it as well. Complete.

**Grading Criteria**

* Meet the main requirements specified above.
* The live site and the quiz app work correctly.
* Report quality: address all main requirements with screenshots and explanations.
* 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 will be assessed at the end of the project. Please improve your research throughout the semester.
* Explore online tutorials and resources to enhance your skills in web development and design.