

## **BIM222 – Internet Programming Homework 2**

**Due Date: May 24 23:59, 2022**

In this homework, students are expected to improve their previous project (i.e., Homework 1) by using Bootstrap. If a student did not make any submissions for the first homework, she/he has to complete it and build upon that work. *Students are also expected to provide a final progress report which presents the changes and new features in their software.*

### **Responsive Web Design with Bootstrap**

In this task, you are required to migrate to a responsive web design using Bootstrap, a framework for fast and easy web development. Please follow the instructions below:

- Modify existing code (HTML and CSS) to include Bootstrap in all the pages.
- Make all your pages styled as same (when possible) for usability.
- Test your software on different environments (e.g., web browsers, laptop computers, tablet devices, etc.) and observe differences with previous version of your application.
- Report the purpose of using Bootstrap, changes in the code, and new features of your application.

Your final progress report must have:

- Cover page (info about course, student, and project)
- Bootstrap improvements
- Conclusion (brief summary of your effort in this homework)

**Please consider following warnings and reminders before your submission:**

- i. This is not a group assignment; all work should be done individually.
- ii. Any shared work between students will be graded as 0.
- iii. All submissions should be done through Mergen; any work sent by e-mail will not be taken into consideration.
- iv. Submissions must be done within the announced deadlines; no late submissions will be available. Problems faced within the last 20 minutes of the homework deadline (due to any systematic error) will not be considered valid. Hence, it is recommended not to leave your homework submission to the last minutes.
- v. Your submission must include every file necessary to run your project (e.g., source code, images, and videos) and a final progress report.

**The students who wish to publish their work on the Internet may follow the tips below:**

- i. Having a GitHub account, one can publish a personal page on GitHub Pages.
- ii. If a student has an individual domain, she/he can also use that option for publication.
- iii. Even though you publish your project on the Internet, you still need to submit the source code.