CMSC 436 Fall 2017

Semester Project

You will work in 4 to 5-person teams to design and code an application. You will only have around 8 weeks of engineering time. That time will go quickly so get started immediately.

Have fun, and take a chance on being creative while putting all the new concepts and APIs you’ve learned to use.

**Important Note:** Every student must turn in the materials for each checkpoint. This is done to ensure that all group members participate in developing and agree with the content of the submitted document.

**Checkpoint #1** – [November 3, 2017]

You should spend time understanding you project and its general outline before writing code. For Checkpoint #1 you will submit a writeup (no more than 2 pages in length. Anything over 2 pages will be ignored) through the submit server. Page 1 should describe the application concept, rough architecture and system components. Consider what special resources you may need, such as a networked server, database, etc. Enumerate the work items each team member is responsible for. Page 2 should include a storyboard with screenshot mock-ups suggesting how the final app will look and how the user will navigate the app.

**Checkpoint #2** – [November 21, 2017]

At this point, you should be well into writing code. For Checkpoint #2 you will submit a 1 page write-up through the submit server. Checkpoint #2 should describe the state of the project’s effort. What is done? What remains to be done?

**Submission and Presentations** – [Week of December 4th]

Your final application must be submitted for grading. Your application should be entirely complete at this point. After the project is submitted, each team will give a 5-minute presentation in class.