

# CptS 322 Software Engineering Principles I

Spring 2017

## Project Milestone 6

(Due Monday/April 17<sup>rd</sup>, 2017 on Github repository)

(Due extended to Sunday/April 23<sup>rd</sup>)

### Milestone Description:

Proceed with the component-level design, now implement that design by converting the elaborated design diagrams to programs. This milestone focuses on implementation as part of the *construction* (framework) activity. Your team will implement each of the components based on the design you have finished (including the elaborated component diagrams and the elaborated design class diagrams that are associated with each component). Your implementation needs to be guided by and thus consistent with your design, which is exactly why we needed to do the design after all.

### What to submit:

- For this milestone, you don't need to submit any document to Blackboard.
- Make sure your code is pushed to the project repository on Github by the due date.
- We will look at your repository to grade this milestone, by checking whether the design you submitted for Milestone 5 has been implemented there in the repository (i.e., whether the code covers all the components).
- We will not check whether the implementation is functioning at this point. We only need each component to have corresponding code in the repository by the due date.
  - We will need your team to demonstrate a *functioning prototype* (not a fully working product) by the last milestone (which is due on 5/1/2017).

### Reminder:

A version control system (e.g., git) is supposed to be hosting a history of many intermediate versions, rather than to be a final storage place. Making *\*many\* small* commits is a good practice.