

# CptS 322 Software Engineering Principles I

Spring 2023

## Project Milestone 6

(Due April 28<sup>th</sup>, 2023 on project repository)

### 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 elaborate 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, just submit a brief document to Canvas that includes:
  - The link to the latest code repository (it happens when some teams change their repo along the way)
  - The description about the code repository (i.e., the README kind of document)--you could just include the same content here as that in your README on GitHub/Bitbucket
- Make sure your code is pushed to the project repository 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* (working for a couple of use cases, not a fully working product) by the due date of the last milestone (i.e., the project demo and presentation).

### Reminder:

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