# CptS 322 Software Engineering Principles I

## Spring 2023

### Homework 3

(Due March 2, 2023 on Canvas)

Consider doing the requirements analysis for a mobile Facebook app and think about the scenario-based modeling, then finish the three tasks below.

1. Draw a use-case diagram for the Facebook app. Note that a complete use case diagram always includes relationships between use cases, and possibly also relationships between actors. [10pt]
2. Draw an activity diagram for one of the use cases. [15pt]
3. Draw a swimlane diagram for the use case for which you have drawn the activity diagram in Question 2. [15pt]

Notes:

-Submit to Canvas a single PDF to include your work for all these tasks.

-Use standard UML notations when drawing the diagrams with a professional tool.