CSCI 4440 — Software Design and Documentation
Mini-Assignment 1 (document version 1.0) — DUE September 10, 2020
Writing Use Cases

- This first mini-assignment is to be completed in groups of at least four students (and at most six students) and is due by 11:59PM EDT on the due date shown above

- Use Submitty and Nooks to find a group, if necessary; **note that these groups are not necessarily the project teams, which we will finalize during Week 3**

- Define your group in Submitty in the Mini-Assignment 1 gradeable, then only one of you need submit your final work

- If submitted late, all group members must use a late day

What to do

For this first mini-assignment, you will continue to work on developing use cases for a software system of your choosing. If you are in need of a software system to work with, use the SIS Registration System (as noted in lectures last week).

To complete this assignment, write **four** distinct use cases. They can be related to one another or completely separate parts of the same software system. Be sure to keep the focus on the primary actor, limiting your use of the generic "System" actor to the extent possible.

Make sure you use a uniform and consistent style and format in describing your use cases. Highly recommended is using a table format. Include the following subheadings for each (in the order shown):

- Use Case Title (e.g., "Register for a restricted course")

- Primary Actor

- Stakeholders and Interests (including the primary actor, but not the generic "System")

- Main Success Scenario (i.e., an enumerated list of steps, $1, 2, 3, \ldots$)

- Extensions (i.e., what happens if something goes wrong, $2a, 2b, 5a, \ldots$)

Also include the following where applicable:

- Preconditions (i.e., what must be true *before* running the use case)

- Minimal Guarantees (i.e., what must be true *after* the use case runs)

- Success Guarantees (i.e., what must be true *after* the use case runs *successfully*)

- Use case references by which you reference another use case by underlining the given task (e.g., "Registrar staff member verifies that registration is allowed")

Please submit a single PDF file that neatly captures your use cases. Start each use case on a new page. And be sure to proofread your work (ideally as a group) before submitting. We will assign grades (and provide feedback) based on the above details and the quality of your writing.