Part 1- Domain Modeling & Use Case Modeling (30 Pts.)

1. Use methods covered in the class to identify "thing" (class). Only include classes that are related to your system. Think carefully about each specified class, all its ***related*** attributes, and how classes are related (multiplicities). Identify super and subclasses if any. Use UML tools to develop your system domain model class diagram. (10 Pts.)
2. In group assignment #1, you identified your system use cases. Revise your list! If any change is required, do it! you might need to add, remove or change some use cases. Once you are confident with your use case list, ***choose one of them*** and create its fully developed description table. (10 Pts.)
3. Use UML tools to develop an activity diagram and SSD for the use case described in part B. (10 Pts.)

Part 2- GitHub Personal Account

***Everyone*** needs to have a [GitHub](https://github.com/)

[Links to an external site.](https://github.com/)

Account, If you do not have one, please sign up for a free tier account. Once your GitHub account is established, install Git on your machine. Need help? Follow this [GitHub](https://docs.github.com/en/get-started/quickstart/set-up-git)

Part 3 - Create your Organization

***One member of your team (preferably a group representative)*** should use his or her GitHub account to create a GitHub organization with your group number as follow **CS3560-YourSection-YourGroup# (i.e. CS3560-01-1).**

Then add all your teammates' GitHub accounts to this organization. Please make sure to add me to your organization too. My GitHub ID for this course: is CPP3560

Part 4 - Let the fun begin and Create your project skeleton  **(25 Pts.)**

**Important note: ONLY submit your system's classes and methods skeleton for this part. No compilation is needed!**

* In your choice of programming language, develop your system classes' skeleton. Make sure to include attributes and their types. (10 Pts.)
* Think about use cases and develop your methods skeleton, think carefully about each method's input parameters and returned output (if any). (10 Pts.)
* Comment all your codes meaningfully. (5 Pts.)
* Don't forget to push your codes to your GitHub organization repo, so I can see and grade them.