Term Project: Iteration 0 – User Stories

(Fall 2023)

Project Description:

In this iteration, we will focus on gathering user stories and creating a use case diagram for the project. The user stories will be derived from the project outline (the document provided by the user in class on Monday, 10/02/2023), the questions asked and notes taken by students during conversation with the user, and the recorded Q&A session with the user available via YuJa Media.

Instructions:

1. Based on available materials and conversations with the user, produce a list of **at least 15** unique user stories for the project. Recall that the format for a user story is as follows:

    As a ___, I want ___, so that ___.

    You may phrase the stories however you prefer, as long as they follow this general outline. Other variations might include:

    As a ___, I need ___, so that ___.

    As a___, I would like ___, so that___.

    Your user stories can be related, as long as each story depicts unique information. For example:

    - As a user, I want to login with a username and password so that I can be confident my account is secure.
    - As a user, I want the system to remember my login credentials so that I do not need to re-enter the information each time I access the system.

    In addition to having **at least 15** user stories by the end of this iteration, you must ensure that your user stories capture all the major features desired by the user, even if it requires more than fifteen stories. You need not capture every granular detail discussed with the user, but try to capture any information that may be significant to the project.

2. Create a UML Use Case Diagram using GenMyModel. The use cases in this diagram should be derived from the user stories written for this iteration. **It is not necessary for every user story to produce a use case**. In many cases, multiple user stories can be combined into a single use case, or the main idea of a user story will contain information that does not directly translate to a use case. Just ensure that all of the significant features from the user stories are captured on the diagram and that your notation is correct.

Important things to keep in mind for your diagram are as follows:

- The diagram should accurately reflect the user stories you created (which, themselves, should accurately reflect the project requirements).
- Remember to create and name the system (the scope / context) part of your diagram.
- Remember to represent relationships between use cases (i.e. include / extend) appropriately and with the arrows facing the correct directions. Likewise, **remember to label the relationship** as either "include" or "extend."
- Double check your image file before submitting to ensure that all components of the diagram are displaying correctly.

Deliverables:

Create a .zip file containing your user stories (listed in a .pdf document) and your Use Case Diagram (exported from GenMyModel as a .jpg). Submit the .zip file to the Iteration 0 dropbox in iLearn, with the name "userid_iteration_0.zip" where "userid" is your Tech username. For example, "jstrickler_iteration_0.zip."