Sprint Plan 1 - CMPS 115 – Software Methodology

At the end of your team's release planning meeting, the team needs to turn in a release plan. This document needs to be typewritten (or the team needs to use a web-based agile planning tool and provide the TA or tutor access to the tool to view the project) and have the following elements:

• **Heading:** Release Plan, Slug Stocks, slugstocks, release name, release date, v1.1 & 10/4/2022.

High level goals:

- Platform that can be logged into.
- Add funds/connect account
- Buy and Sell stocks
- Get News about a given stock
- Give predictions about stock change
- Automate/allow for AI trading.

• **User stories for release:** A listing of all the user stories that are needed to implement the high level goals. Each user story must have a story point time estimate. Each user story must be assigned to a Sprint, and within each Sprint, listed in priority order from highest (top) to lowest (bottom). Recall that there are 3 Sprints in this class. Each high level goal should have one or more user stories associated with it. User stories that do not correspond to a high level goal, or a high level goal that has no associated user story, are both indications of a lack of project specification.

Recall that a user story should take the form, "As a {user role}, I want {goal} [so that {reason}]". A user story should fit on an index card, and meet the "INVEST" criteria (independent, negotiable, valuable, estimatable, sized appropriately, and testable). The complete list of user stories will take the form of:
   o Sprint 1
   (5) As a Platform user, I want an account I can log into so that I can see my personal performance on the app (highest priority for Sprint 1)
   (4) As a User I need to be able to add funds/connect account so that stocks can be traded
   (4) As a User I want to be able to buy and sell stocks so that the platform has a use.
   o
   o Sprint 2
   (3) As a user I want a portfolio with statistics on how my investments are going so that users can track their success
   (8) As a User I want to see articles/news on the stocks I'm trading and the expected change in the stock given the articles contents so that I can stay in the know about the most important news surrounding my investments.

(5) As a user I want to be able to have friends and see their investments so that I can compare and contrast the stocks we are trading.

- Sprint 3

(8) As a User I want to get recommendations on stocks to buy and sell so that I can be more successful.

(13) As a passive user I want to be able to let a AI trade on my behalf automatically so that I can be more successful on the platform

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(8) As a less experienced user I want to be able to set my own personal rules to trading stocks (selling/buying when heading above or below a threshold) so that I can be more successful on the trading platform.

(8) As an experienced user/computer scientist it want to be able to choose from different algorithms/customize how my stocks are traded so that I can be more successful

- **Product backlog:** A listing of all high level goals and user stories that were discussed in the release planning meeting, but which did not make it into the release. This can be used as a starting point for planning the next release as an independent study. If this section is empty, there should be an explanation for why this is the case.
- **Project presentation:** See the template for the initial presentation in the Resources.

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