Sprint Plan 2 - CMPS 115 – Software Methodology

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

· **Heading:** Document name ("Sprint 2 Plan"), Slug Stocks, slugstocks,, v1.2 & 10/19/2022.

· **Goal:** Short, 1-2 sentence description of the high-level goal(s) for the sprint.

- Add funds/connect account
- Buy and Sell stocks
- See Statistics on stock performance

· **Task listing, organized by user story:** This section lists the user stories, in priority order from most important (top) to least important (bottom). Within each user story, there needs to be a list of tasks required to implement the user story, along with the time estimate for each tasks (preferably less than or equal to 6 ideal hours). This should look like:

(13) As a User I need to be able to add funds/connect account so that stocks can be traded

Backend Account Token Authentication (8)

Frontend user sequence to connect account and obtain tokens.(5)

Total time for user story 2, 16 hours

(13) As a User I want to be able to buy and sell stocks so that the platform has a use.

Front end search and buying stocks(5)

Backend using api calls to buy and sell stocks and record trade history(8)
Total for user story 2: 16 hours

(13) As a user I want a portfolio with statistics on how my investments are going so that users can track their success

Backend calls for stock trade and price history as well as current investment worth.(5)

Front end Graphs and values showing percent and absolute growth over a given time period (8)
Total for user story 3: 16 hours

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
Backend news api and data storage(8)
Front End Display of News (5)
Total hours 16

As a user I want to see orders and their status
Back and front end 15
Total hours 16

· **Team roles:** Give a listing of all team members. Next to the team member, list their role(s) for this sprint. Assign each person to at least one role (for example, this role might be "Developer"). This looks like:

Team member 1: Cole Marquard Scrum Master, Project Owner, Developer
Team member 2: role 1 {, role 2, role 3}
...
Team member N: role 1 {, role 2, role 3}

· **Initial task assignment:** A listing of each team member, with their first user story and task assignment. This should look like:

Cole Marquard: User Story 1, Bank Oauth 2.0 token API calls.
Nikita Manoj
Danny Tran
Brandon Fuentes
Sion Daniel

· **Initial burnup chart:** A graph giving the initial burnup chart for this sprint and is labeled as such with sprint number and project name and is located in the lab.

· **Initial scrum board:** https://miro.com/app/board/uXjVPPMU6Jg=/
· **Scrum times: MWF 7:50 Standup Meeting**

Note that if the team ended up modifying its release plan during sprint planning, submit an updated release plan document also with the sprint plan.

Last modified: 10/15/13 adapted from materials for cmps171