**Sprint 2 Plan**

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:

Product/Team Name: **SmartTick**

Start Date: **4/23/2025**

Completion Date: **5/6/2025**

Revision Number/Revision Date: **4/14/2025**

### High Level Goals (Project-wide)

* Be able to see the recent trades of congress’ stocks within the past 6 months
  + See which politicians are connected to which stocks
* Be able to see other influential people’s stock information too
* Be able to see a graph of a listed stock
* Various filter systems to organize stocks by politician, party, or other categories
* Users can keep track of politicians or stocks of their choosing
* See how many trades politicians made of a given stock on a given day (graph that shows when and how much politician owned stock was traded)
* Compare two politicians and compare their portfolios to user’s
* Compare two politicians' portfolios?
* Leaderboard of portfolios, and make simulated portfolio (fake money, real data)
* Compare between trade data and actual performance of the stock (how smart are their trades?)
* Make purchases mimicking politicians stock purchase (backlog but wanted to mention)

### High Level Goal for Sprint 2

* **Something about stock information**

### User Stories (ordered from most to least important)

* US1 (points)
* Task 1 (time estimate)

Total time estimate for user story 1:

* As a user, I want to see a visualization (GUI) of the most recent stock trades so that I can keep up to date with the most recent trades (2.1 - 16 points)
  + As a user, I want to be able to see live feed of the stock ticker so that I can make up-to-date trading and investment decisions
  + These two user stories are very similar
* As a user, I want to access information about the current/historical data about a given stock. I want to be able to click on any stock and see a dedicated page showing information about it. (2.2 - 8 points)
  + Stock page may be blank or very basic for this specific user story
  + Also include information about the company itself?
* As a user, I want to see analysis of a stock so I can make more accurate assessments of stock value and make better informed trading decisions.
  + Need more specific definition of how we’re going to implement “analysis” for this user story (should be only basic analysis for this sprint)
* As a user, I want to see a graphical representation of historical data for a given stock in order to more easily identify trends.

### Team Roles

* Rudy Chavez:
* Greg Grigorian:
* Jonathan Guité:
* Antonio Duran:
* Rithvik Mungara:
* Joey Lee:

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

*Team member 1: user story, initial task*

*Team member 2: user story, initial task*

*...*

*Team member N: user story, initial task*

### Initial Task Assignment

* Rudy Chavez:
* Greg Grigorian:
* Jonathan Guité:
* Antonio Duran:
* Rithvik Mungara:
* Joey Lee:

### Spikes

* More in-depth research into stock analysis

### Infrastructure Tasks

* Database stuff (stock data?)
* As a developer I want to make sure my documentation is up to date so that devs can answer their own questions rather than relying on a teammate. (1.6 - 2 points)

Info

* + user stories each labeled with assoc. high-level goal
  + Spikes (exploratory work, usually in preparation of future sprints)
  + Infrastructure tasks (acquiring tools, setting up environment)

∙ **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:** Also known as a task board, the scrum board is a physical board and is labeled as such with sprint number and project name and located in the lab. This board has four columns, titled user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it notes representing the user stories and the tasks for this sprint should be placed in the user stories, tasks not started, and tasks in progress columns. Tasks associated with a user story should be placed in the same row as the user story.

∙ **Scrum times:** List at least the three days and times during the week when your team will meet and conduct Scrum meetings. Also, indicate which of these meetings will have the TA/tutor visit as arranged with the TA/tutor. It is expected the TA/tutor will visit during the Scrum meeting during your lab time.

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.