Sprint 2 Plan

LEEPS Financial Markets Platform

Sprint completed on February 23, 2019.

Goal

To first be able to read the client's input and run it to Exchange, get output from exchange server and save it, and keep track of client's shares and cash.

Tasks

- **[8]** As a developer, I want to be able to *Log* my history of cash, inventory, and orders.
  - set up a semi structured persistence data format (XML or JSON) (parsing for I/O)
  - figure out how to handle Sent, Confirmed, and Executed states
- **[3]** As a developer, I want to be able to update my *Inventory* with orders
  - figure out how to handle Sent, Confirmed, and Executed states
- **[8]** As a developer, I want to implement a robot that sends *Random* orders
  - create a client that buys / sells (5) orders at random during a (3) minute period with a random price and quantity
- **[13]** As a developer, I want to implement a client that does the *Inventory* algorithm
  - create a client that makes buy/sell decisions based on the inventory incentive (as specified in the texts)
- **[13]** As a developer, I want to implement a client that does the *Maker's* algorithm
  - create a client that makes buy/sell decisions based the Maker's algorithm in the texts
- **[13]** As a developer, I want to implement a client that does the *Taker's* algorithm
  - create a client that makes buy/sell decisions based the Takers algorithm in the texts

Team Roles

- Francisco Braga: Developer
- Jan Rybojad: Developer (Scrum Master)
- Mary Chern: Developer (Product Owner)
- Minh Anh Nguyen: Developer
- Megan Wu: Developer
- Wen Bin Yu: Developer

Initial Task Assignment

- Francisco Braga

○ Work on the algorithm for makers & takers
    ● Jan Rybojad
        ○ Work on developing the random robot
    ● Mary Chern
        ○ Work on developing the random robot
    ● Minh Anh Nguyen
        ○ Work on the algorithm for the inventory
    ● Megan Wu
        ○ Work on the algorithm for the inventory
    ● Wen Bin Yu
        ○ Work on the algorithm for makers & takers

Initial Burnup Chart

https://docs.google.com/spreadsheets/d/1mRk5w9o3Pl9LleOqe-xq_NMn8PVa-yRoXF3NbScGHR8/edit#gid=0

Initial Scrum Board

https://trello.com/b/RTXVSurx/sprint-2

Scrum Times

BE 316, Tues 5:30pm
E2 419, Wed 5:00pm
BE 316, Thurs 5:50pm