Sprint 3 Plan

LEEPS Financial Markets Platform

Sprint Duration: May 7, 2019 - May 20, 2019 (2 Weeks)

Goal
- Build a fully working experimental platform, where all parts are able to communicate with each other.

Tasks [0, 1, 2, 3, 5, 8, 13, 20]
- **[13]** As a developer, I want to combine the separate functionalities of the poisson feed and the best buy best offer feed so I have a centralized location for information.
- **[8]** As a researcher, I want to be able to data visualize the activity of all traders during the duration of the experiment.
- **[3]** As a developer, I want to test that all the components are scalable, and there are no obvious bottlenecks in performance so we can test our final product will work.
- **[8]** As a developer, I want to complete the maker algorithmic trader so it will have all the functionalities as the academic paper.
- **[5]** As a researcher I want distinguishable buy/sell orders when it plots on the graph
- **[5]** As a researcher I want to save my data points plotted to the graph to a csv file (or another file)
- **[8]** As a developer I want the broker to handle multiple messages simultaneously.
- **[8]** As a researcher I want to see the responses (crosses) from the broker plotted on the graph.
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Team Roles
- Francisco Braga: Developer (Product Owner)
- Mary Chern: Developer
- Minh Anh Nguyen: Developer
- Megan Wu: Developer (Scrum Master)
- Wen Bin Yu: Developer

Initial Task Assignment

- Francisco Braga
  - Making exchange handle multiple messages
- Mary Chern
  - Correctly plotting all messages to the graph
- Minh Anh Nguyen
  - Correctly plotting all messages to the graph
- Megan Wu
  - As a developer, I want to combine the separate functionalities of the poisson feed and the best buy best offer feed so I have a centralized location for information.
- Wen Bin Yu
  - Making exchange handle multiple messages

Initial Burnup Chart

https://docs.google.com/spreadsheets/d/1NZb6gbHc_NgNJ1Ed30vCh5j38rIB2pk7etZbNGqkQnw/edit?usp=sharing

Initial Scrum Board

https://trello.com/b/2uEZYHAL/q2-sprint-2

Scrum Times

S2, Tues 9:30am
BE 316, Wed 5:00pm
BE 316, Thurs 9:30am