Psychic Waffle Project Proposal

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1 Iteration 2 Overview

For our first iteration, we focused on getting a working brute force solution for the trade execution algorithm up and running to demo to our customer. This went well, and we were able to produce a demo that our customer was happy with. We have a working web application that allows users to execute trades, monitor progress, and view transaction history.

Our demo with the customer went really well and we got some good feedback to help guide our second iteration. It was clear from our customer that the next priority he was interested in was a more developed algorithm to execute the entire transaction over the course of one market day. It was also indicated that some improvements in the UI and transaction history would be helpful. Per this feedback, much of our second iteration will be focused on an improved algorithm. We will also work on improving UI views but this will take a secondary priority.

2 User Stories / Trello Board

Our trello board that contains all of our second iteration user stories can be found here:
https://trello.com/b/ZAo59Z8n/2nd-iteration-j-p-morgan-project

3 Wireframes

The wireframes for our second iteration can be found here:
https://github.com/andyg7/4156Project/blob/master/iteration2-proposal/wireframes.pdf

4 Class Diagram

Since the improved algorithm does not require any new classes, much of our class diagram remains unchanged from the first iteration. It can be found here with some minor modifications:
https://github.com/andyg7/4156Project/blob/master/docs/UML-CLASS-DIAGRAM.pdf