Agenda: 27/02/20 - 05/03/20

Attendance: Mehmet, Connor, Dex, Dan

Last week’s [Meeting Minutes](https://docs.google.com/document/d/1yUW9zm3tsPaUDfjYM6hg2PvdO5WbO5w_-Xq-dixQwtM/edit)

What to discuss

* The prototype
* What we are doing next week

What you did last week

* Continued work on pet projects:
  + Dexter
    - Created portfolio component
    - Created portfolio controller in the API + unit tests
    - Created portfolio table
    - Added portfolio component to accounts page
    - Continued working on Keras price prediction
    - Successfully deployed website into Azure
    - Had trouble deploying price prediction function app into azure
    - Fixed bug with gauge chart
    - Could not fully complete portfolio page due to no data
  + Dan
* Updated function app functionality
* Updated website so that it displays information from the Reddit function app.
  + Niro
    - Created bitcoindata controller in API
    - Connected positonal data and real bitcoin data according to the user
    - Created view models classes to authenticate user when entering user for comparison

Connor

* + Developed data retrieval for automated gather and storage of all data (complete)
  + Development c# api for requesting data from azure table storage.
  + Developed c# api for requesting data for help page.
  + Developed angular/typescript front end call for the azure table data.
  + Developed functionality for putting azure table data into line and candlestick chart
  + Developed front end for help page, using table to display titles and urls for web crawler
  + Mehmet
  + Fixed bug to display transactions list
  + Changed buy/sell button functionality
  + Added a get request to api to get transactions which is assigned to a selected portfolio
  + Added styling for transactions table

What to do next week:

* Dexter
  + Attempt to finish Keras price prediction before poster fair
  + Finish portfolio page once data is available
* Dan
  + Display reddit data on graph.
* Mehmet
  + Complete connection between backend to front end
  + Determine new pet projects
* Connor
  + Put live data function and web crawler function into function app
  + Integrate front and back end components.
  + Finalise some design features for graphs.
* Niro
* Complete the front end
* Establish portfolio according to the account

Notes:

* Dan - Summarise paper
* Rogerio says dans computer is horrible
* Dexter - Update Architecture diagram with prediction components
* Connor - Try different approaches for data storage
* Dexter - Get another prediction method, calculate the confidence scores for each method and use this, in combination with dans polarity score to create a more accurate prediction
* Move all code to the same repository
* Someone is going to fail this project rogerio says
* Talk about same stuff each week
* Should be on second/third project
* He has never had a group that hasn't had a proper prototype at christmas

Mehmet - Dynamic buttons will be implemented which will display a table of open positions

Dexter:

* Finish gauge chart
* Update line graph to show the optimised prediction - one with fewer errors

Niro - Real sample bitcoin data in comparison chart.

Niro - Implement flexible graphs (different filters/situations)

Connor - Actual bitcoin data (substantial amount) in table whether through automation or manual.

Dan - Store and get social media data from table storage using API and display on website.

Corpus plan for poster fair

Ideal requirements:

Live/Historical data chart functioning and displaying live data.

Positions being displayed on the table.

Social media posts/feed displaying current social data.

Comparison page showing charts with data compared between two users.

Price prediction charts working and presenting legible data.

Contingency requirements:

Due to modularity of project the components have been separated between pages, all should be present and functional but if issues arise then worst cases scenario one component works and can be displayed on prototype.

Live data chart on main page with positions table and functionality

Another page for comparison charts and data

Another page for social media feeds

Another page for price prediction

Group meeting tasks for next week:

Tuesday mainly for development and getting all components to work.

Thursday for cleaning up, last minute changes and fixing any new errors occurring that day.