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
    - Continued working on Keras deep learning prediction
    - Added about section to price prediction page
  + Dan
* Continued work on Reddit function app
  + Niro
    - Added field for input of user (comparison)
    - Working on retrieving results from the graph to showcase the money being across a period of time
    - Alerting the user for comparison so that they know what user they are comparing with
    - Displaying the comparison on the graph
    - Comparing two users results

Connor

* + Developed added batch functionality to data retrieval function to reduce costs.
  + Development c# api for requesting data from azure table storage.
  + 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
  + Represent position details in a table format
  + Worked on styling
  + Change api to return a list

What to do next week:

* Dexter
  + Attempt to finish Keras price prediction before poster fair
* Dan
  + Display information from the Reddit function app on the website.
* 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
* Implement UI requests from other members into conceptual UI Design
* Ensure experience for the user knows exactly what to do efficiently and effectively
* Match user interface with user stories
* Try to ensure the graph shows cases data from different user - first stage of working on comparisons (made up data for now)

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.