Agenda Week 13: 30/01/20 - 06/02/20

Attendance: Dan, Dexter, Mehmet, Connor

[Meeting Minutes](https://docs.google.com/document/d/1-k9eN8zme20TQ8E8PWX93IGzsehlylofNFCMlS6TMt4/edit)

What to discuss

* The prototype
* What we are doing next week

What you did last week

* Continued work on pet projects:
  + Dexter
    - Created a python prediction script
      * Takes past data and predicts the ‘open’ value for the next day
      * Uses linear and RBF (Radial basis function) prediction methods
    - Populated table with prediction data as far back as March 2017
    - Began creating prediction data controller for API
  + Dan
* Pet project - Social Media Integration
* Continued working on Twitter app - posts updates every hour.
* Carried out some research into relationship between Twitter sentiment and Bitcoin price.
  + 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

Connor

* + Further changes and developments to azure function app (still non functional).
  + Development of temporary live data port to chart with database skip (not implemented into prototype yet)
  + Canvas fixing for display of candlestick chart
  + Mehmet
  + Started to connect api to position buttons

What to do next week:

* Dexter
  + Finish API and UI work to display the prediction data
  + Began working on my own prediction algorithm that will take into account Dans polarity score generated by the twitter posts.
  + For price prediction - generate a ‘UP’ ‘DOWN’ prediction with a confidence score.
* Dan
  + Continue work on social media component and link to API to display table data.
  + Get information on relationship between Bitcoin price and Twitter sentiment.
  + Get roasted m8
* Mehmet
  + Complete connection between backend to front end
  + Determine new pet projects
* Connor
  + Complete data storage (503 service unavailable main hindrance that should be fixed) as testing currently proving errors are present and system not working. Start development with solely function app and not logic app integration to test for 503 error.Test and complete storage to graph functionality.
  + Complete js live data implementation functionality for prototype.
  + 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