Agenda Week 10: 26/11/19 - 03/12/19

Attendance: All

[Meeting Minutes](https://docs.google.com/document/d/1L95vUbzDFRppR9r8RtPGYWbWZiIU2Ioc_xSnno8CuGo/edit)

What to discuss

* What we did last week
* What we want to achieve for next week

What you did last week

* Carried out the necessary research into our pet projects.
* Continued work on pet projects:
  + Dexter
    - Began planning out new pet project - Estimation and Prediction
    - Created user stories/scenarios for the pet project
  + Dan
* Pet project - Social Media Integration
  + Implemented tweet streaming using Tweepy.
  + Started implementation of analysis of posts.
  + Niro
    - Task 11 - Navigation System
* Map out User interface - use HCI knowledge to create interface
* Research into libraries
* Get familiar with Azure
* UI navigation via through buttons/arrows
  + - Task 5 - User account screen
      * Update API to retrieve account details, so that the user can view and edit
      * AI update - new page for account details
      * Get familiar with Azure
      * Account screen with various needed options (delete account)
      * Database with stored details.
    - Task 6 - User Interface Design
      * Gather information from other peers in the group for their input in the interface (Each pet project may need additional sections within the interface so need to discuss)
      * Use HCI principles from existing knowledge
      * Create a concept for design
      * Finalise design for user interface
* Connor
  + Task 6 - Graph Visualisation
* Fixing issues with basic graph implementation.
  + Task 7 - Live and Historical data acquisition
* Started and developed a method for storing data into Azure table storage using .net framework (C#)
* Started and developed document detailing storage method, outline and creation methods
  + Mehmet
    - Finished post end-point to send data to the storage table
    - Started my research into the functionality of get end-point to retrieve data from storage table
    - Tested end-point in fiddler until I got 200 OK status response from fiddler indicated that the request succeeded
    - Checked azure storage table ‘Positions’ so that data is sent correctly and it was

What to do for next week:

* Dexter
  + Continue researching pet project - methods for prediction - machine learning?
* Connor
  + Complete functionality for storing external API data into Azure storage
  + Further goal of functionality of data calling if base storage methods complete
* Dan
  + Continue development of Twitter app and research deployment to Azure.
  + Implement method for getting useful data from Reddit.
* Mehmet
  + Start API functionality for get end-point
  + Use fiddler to test end-point to get 200 OK which indicates response succeeded
  + Start research into unit testing for positions controller
* 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
* Get UI request for graph

Individual review of progress:

* Dexter
  + Did not do anything code wise, only focused on researching the new pet project
* Connor
  + Working on table storage for external data proving challenging, new leanring requirements and usage for C#, .net framework and Azure basic made concrete progress slower than usual
  + Minimal progress on charts due to the importance of data storage expressed by supervisor
* Dan
  + Continued development of Twitter app by starting implementation of analysis of posts to determine their content.
* Mehmet
* Niro
  + Implemented UI requests from other members into conceptual UI Design table
  + Additional Pet Project - Research into comparison of user portfolios so users can compete and compare current investments with friends. Allowing the website to display investment data for multiple users side by side so that users can compare their investments with others - innovative
  + Created a sign-up interface function using javascript, requires some minor amendments
  + Research to ensure experience for the user knows exactly what to do efficiently and effectively
  + Matched user interface with user stories
  + Get UI request for graph

Notes:

Find a way to correlate word sentiment with changes in the graph by analysing the cryptocurrency price changes.

Define a testing strategy

Integration tests should be automated

No meeting next week