Agenda Week 6: 29/10/19 - 5/11/19

[Meeting Minutes](https://docs.google.com/document/d/1pm_dbVp4wpv44ipZnqYEf1vnVbUExyCxwhCAcQUeuhw/edit?usp=sharing)

What to discuss

* What we did last week
* Our pet projects
* Our plans for project week
* What is expected from a prototype?
* Documentation - Google Docs access
* Do we document any learning? (E.g. C#, Python)
  + How do we document learning?+
  + Add tutorial code to the document?

What you did last week

* We discussed pet project strategy
* Discussed scenarios
* Created user stories
* Created Sequence diagrams and Use Case diagrams for User stories
* Planned out pet projects
* Dan + Dexter looking into getting Django app on Azure

What to do for next week

* Carry out the necessary research into our pet projects.
* Get started on pet projects.
  + Dexter
    - Create the basic API that the website will interact with (Done)
    - Write manual test cases relative to my pet projects
    - Pet Project - Sign up functionality
      * Create sign up page
      * Add endpoint to API for new user accounts (Started)
    - Pet Project - Login functionality
      * Amend the sign up page to accommodate logins
      * Add endpoint to API for login requests + validation
      * Add functionality to redirect user to home page
      * Add login message when user successfully logs in
    - Pet Project - Logout functionality
      * Add logout button
      * Add functionality to clear website cache + redirect the user
      * Add endpoint to API for logouts
  + Dan
* Host Django app on Azure
* Pet project - Reddit bot
  + Carry out research into Reddit’s API and python apps
  + Design a process for deciding which information is shown to the user and -How this information is processed first.
  + Create app using Reddit script page.
  + Create python app.
  + Test and ensure the correct information is being received.
* Pet project - Inputs comparison feature
  + Design UI for this feature.
  + Add to API
  + Niro
    - Pet Project - 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
  + - Pet Project - 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.
    - Pet Project - 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
  + Pet Project - Simulator
* Research for functionality
* Plan and create basic UI
* Possible functionality from home page graph mechanics.
* Discover and plan API and Database usage
  + Pet Project - Home page graph
* Research Graph mechanics
* Plan and create basic UI
* Plan retrieval of live data
* Implement basic graph functionality
  + Mehmet
    - Get familiar with azure
    - Get familiar with C# for the API
    - Start researching into pet projects (comparing with other companies)
    - Start planning pet projects
    - Pet Project - Selling Positions
* Research functionality
* Research into API endpoints
  + - Pet Project - Buying Positions
* Research functionality
* Research into API endpoints

Notes:

* User stories can be created at anytime
* Plan out all known wanted features asap
* Pet projects could and should contain multiple user stories
  + E.g. Social media - contains both reddit and twitter bot
* Create an architecture diagram for the system
* Document anything to do with the project
* Attempt to get the data for the prototype to prevent any risk later on
* Prototype:
  + Core features, Ensure its running, Understand the risks between the automatic data (Risk Analysis)