Weekly report 5

What I did:

- Over the last week I have concentrated on two aspects of my project. First and foremost, I worked on programming and understanding authentication in twisted.
- To do this I imported over and above the usual libraries we been learning in class. From twisted.protocols I imported basic and from twisted.cred I imported checkers, credentials, portal. From zope.interfaces I imported implements and Interface
- The basics of the program is so that the server can check what users I will have in my database and then check their credentials against the ones that have been inputted via the client. For this example, I simply used user and pass as the credentials.
- For the second part I had figured out how the filter.js file worked and was starting to pick it apart. I have submitted the code I have for that so far.

What did I learn:

- Over the past week I have learnt more about the diversity of the twisted libraries and what they can do.
- I learnt a great deal about databases and how they are structured. The main thing that I learnt there is many to many relationships and how they are broken down and stuck together with a bridging table. I will be using the databases in my project and should be working with them over the next week.

Problems I encountered:

- Again the main problem I encountered this week has to do with the UML's. I still can't seem to get my home systems to build these but will get them done at college and add them to this week's report.

What next:

- Over the next week I will be finalising my CLI code and making sure everything works.
- I will be coding in the databases and ensuring they are working and finalising the twisted code. That way I am ensuring that I have a week or two to code the GUI for the project.