For the NLP side, I think it may be worth using nlp to search the text for each criteria as this may be simpler and this way I shouldn’t miss anything as it searches the entire text for each criteria and does not rely on order.

To do;

-Get database running on laptop – sql workbench, probably wont work with school wifi.

-Figure out the library I am using for the NLP and create a prototype in either python or JS (whatever is easiest and works best/probably js for integration with website)

-Finish login script, get users up and running so I can start work on the main part of the website.

-Need to iron out the database design because otherwise it will get messy and difficult to use.

-Split out server functions into separate files for better management and readability. Mostly done with this now I just need to clean up the implementation of this by possibly ironing out how I will handle libraries because It will get messy if I try to add every single import manually.

* I have now got sessions working so logging in “works”. I still need to integrate the database and create user management but I can continue with development somewhat now that I have a working session systems
* Authentication now works with user credentials. I just need to make a sign up page now.

I am now into the main development of the websites functionality; therefore, I need to make sure I know what the database layout is going to be.

Userdets – already exists.

Classes – a table with details of all the classes.

Separate progress tables to store user’s progress.

[Semantic Similarity with BERT (keras.io)](https://keras.io/examples/nlp/semantic_similarity_with_bert/) This is something to look at. This looks to be able to perform the task that I need.

When adding an entry to the student field in the classes database I need to make sure I initialise it with : ‘{”students”:[]}’

designDocument1 contains the design for the websocket interface