**AH Computing Science Project Log - Week # 20**

| **Date /**  **Time Spent(min)** | **Work Completed** | **Issues Arising**  ***(including changes to plans)*** | **Commentary on Work** |
| --- | --- | --- | --- |
| 40 | started research into ajax |  | need to redraft resources to include websites,usb and such |
| 100 | began implementation of ajax | i used the following page from microsoft in order to help me figure out how to implement the posts.  <https://docs.microsoft.com/en-us/sql/t-sql/functions/row-number-transact-sql?view=sql-server-2017>  i needed to research http headers  i realised i would need to create more javascript functions for when users actually opened a post  need to change sql tables by adding a postID field so as to accommodate what i want to do with ajax/php  may change the foreign key in order to make linking tables easier | The scale of my project is somewhat larger than expected.  i also had to understand what mime types were to understand that i don’t currently need them |
| 60 | first ajax function has been created however has yet to be tested, this is due to the need to create php and sql for the ajax function, which is a work in progress | changed tables so that they have a postID field with it also being a foreign key in postsI and primary key in postsT    A problem with my database has occured to me.  if i were to want to output posts of only my friends, then how could i select data from only my friends. this seems like i would have to select from an array and i’m not sure how to go about doing this. | need to get round to making a confirmation page or redirect for when a post has been created |
| 80 | continued to attempt to implement a feed | redrafting sql tables again so as to make posts function, will be creating a temporary table of who’s values will be used for the feed  decided to go about it another way as a temporary table will double the amount of data which is useless  after some thinking, i might scale back the website to be a blog website of sorts, where  gantt chart will again have to be redrafted  All the up till 14th of March | will attempt to create a feed for your posts on your page first before tackling the personalised feed on the homepage.  sql sub queries may need to be used for this to work |
| 40 | switched to making a feed on the profile page so i only  added a cookie so that it can keep track of what page you’re on |  | need to specify called php file in js |
| 200 | finished php and js for feed in profile page, need to finish sql | needed to figure out how to load multiple js functions onload  for loop would constantly refresh the page and not create any alerts  for loop is now constantly refreshing the page whilst doing what it's intended to do, fix was to create an anonymous function instead of using a normal one  it wasn’t the for loop, it was the request looping, and there’s not a loop in requests  the httpRequest.send function is not functioning due to the inputs to seemingly be invalid due to how i didn’t set the httpRequest header  the send function is only sending one parameter  fixed by sending an array  there’s an error in mysql  after being sent to the php the array is now a string  fixed by using the explode function to create substrings  i used transact sql instead of mysql (row\_number)  there is no row\_number function in mysql, disappointing  this thread on stackoverflow had the solution  <https://stackoverflow.com/questions/1895110/row-number-in-mysql>  am having trouble understanding the syntax on the post  may need to rethink sql query/ method of getting posts | debugging the ajax was a massive pain and took at least 2 hours  debugging the php took about 30 min  if i get the sql statement to work the implementation for feeds will be done in about an hour. Getting the friends list to work after that will probably take another hour. Finishing off little bits of html and css after that probably another hour.  the websites implementation should be done by the end of tomorrow. |

| **Next Steps:** | Finish Implementation |
| --- | --- |

| ***Teacher's Comments*** |  |
| --- | --- |
| ***Teacher's Signature*** |  |