**1AH Computing Science Project Log - Week # 21**

| **Date /**  **Time Spent(min)** | **Work Completed** | **Issues Arising**  ***(including changes to plans)*** | **Commentary on Work** |
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| 40 | attempted to implement the sql | after attempting to get a numbering system to work, i have decided that the easiest solution would simply be to create a new table for which i would then query via a subquery | it is disappointing as this method is probably quite inefficient and i would’ve liked for it to have worked out better  i have an idea where i’m going to echo out the 50 lines in sql, explode it twice and create an array of arrays which i’m going to send back to the javascript which will then process said array of arrays and create the feed |
| 40 | continued to attempt to implement the sql | i’ve gone back to row\_number() as it turns out the info i had learned was incorrect so i’m trying to get it to work | this might work out |
| 100 | It’s alerting the results of the query!  finished php and sql  the bug is in the js  the sql statements contents were displayed successfully | thankfully i found the following link eventually  <http://www.mysqltutorial.org/mysql-row_number/>  got rid of the field parameter  reworked js so the request function only has the url parameter  sql doesn’t like the asterisk now  its alerting and the correct results however whats being written to the document is undefined    its also still looping  the loop used an = instead of == in an if statement in the js  the function call order for onreadystatechange was quite strange but was figured out in the end | to do next: explode the contents of sql so that things can be put into arrays |
| 40 | implementing js so that the outputs will come out in the correct divs | output is split at all spaces but this includes the contents and titles content so the spaces in these will need to be changed |  |
| 30 | spaces in title and content replaced with [ENTER CHAR HERE] | vote divs and subsequent were not appending | fix vote divs |
| 40 | got the feed function working! | after finishing writing the javascript to hopefully get the divs outputting, when running the website it would hog all the ram and processing power for itself. in addition to this i could not see what error was occuring as it was running so slowly. i assume what may be causing the error is a while loop in my javascript. i am going to be changing this to a for loop now  it was not the while loop as its still crashing  the error seems to be within the votes div loop  used = instead of == in if statement | the most difficult part of my implementation is over |
| 180 | Changed css in divs for posts  added mysqli\_free\_result() to relevant php files to deallocate memory used to store query results  added dynamic nav buttons for the feed for navigation between pages of posts through the use of js  finished php for navigation between pages but i don’t know if it’s going to work or not as i don’t have more than 50 posts  added a little bit of commentary to the feed function whilst i was working as i was losing track of what everything was doing | php uses a url decoder and not a uri decoder as js uses a uri encode. there is a miniscule chance of there being problems from the url decoder but i will deal with them when they arrive | there is going to be a lot of bugs missed here and there as i’m having trouble keeping track of things between multiple documents  need to fix there being a forward button on the first page if there is not more than 50 posts  get more than 50 posts on the first page |
| 240 | fixed the bug where there was a forward button when there was not meant to be one via an if statement  made it so that when you logout all cookies are deleted  navigation between pages is functioning but it’s still outputting the samepage, this is due to the offset from the limit variable not working with a variable that i have put into the php as easyphp server is filtering out the cookie used for the variable <https://stackoverflow.com/questions/39661082/cookie-is-present-in-browser-but-php-cookie-is-empty>  i am now attempting what was previously done with cookies with a session  the session is now also not working  i am now going to try to fix easyphp | with help from a friend i noticed that i had used an or instead of an and  when making 50 posts, it did not like it when i put 0 and 0 as the title and content  on documentation for php for empty()    so i had to create a specific case in my if statement to accomodate for 0    error in if statements  with no difference to the js, my feed div is now not working after having pressed the next button to load the page, even after refreshing and pressing home  Invalid query: You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'WHERE dateCreated < 2019-02-28 13:45:11 LIMIT 50' at line 1  whilst trying to fix the above i learned that limit can have two parameters, a start row and the number of loops after that, to solve the bug from moving between pages i’m going to make it so that there’s a cookie keeping track of the page number | <https://stackoverflow.com/questions/179355/clearing-all-cookies-with-javascript>  used the following post to learn how to delete all cookies in js |
| 180 | going to a new page works  got sorts working  made it on home.php when you click on your profile/ username it resets the page counter to 0  finished php and js for followers section of profile nav | button for going back to previous page is not working  changed my sort form to activate a js function as it would be a massive pain to change js/ make functions etc  rid myself of the sort form as trying to get it to work took too long  i decided to just have three buttons with three functions this is inefficient but i don’t really have the liberty to be efficient at this current point in time  i started working on friends and have as such revamped the links that were on the profile nav to be buttons with assigned functions  redrafted friends to followers as it leads to much easier implementation  redrafted profile nav bar so it goes post follows followers votes with the about being moved to the sidebar    404 error when trying to make the request | after taking a break and trying to think of a solution, i’ve deemed the easiest way of doing this is by simply sending the data through get in combination with the cookie so that the cookie is changing but the data on the cookie is sent via get |

| **Next Steps:** | finish implementation |
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| ***Teacher's Comments*** |  |
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| ***Teacher's Signature*** |  |