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IT490 War Story

My war story was mainly about properly setting up my laptop before starting work on incorporating our project with RabbitMQ and from there it branches out to a bunch of other problems such as having the login and registration page working. I faced many problems where some things like PHP and MySQL weren't set up correctly in the synaptic manager in Ubuntu. After I figured out that my things weren't set up correctly it did fix the PHP problem. On the login and registration page it would just print out all of the code of the rpc.php files on the screen. However, after I re install all the PHP and MySQL packages the problem stop occurring and it finally stop printing all the PHP script to the screen.

The main problem was to push and pull data requests from the RabbitMQ properly and this is where it put me in despair. I couldn't get the login and registration working and so I spent my time over the Thanksgiving break working on it and still couldn't fix it. I went through countless tutorials on pretty much how to set up the login and registration databases with PHP and MySQL, and I still can't seem to find the solution. So I decided to start my whole project from scratch and rewrote everything and it still doesn't work. So I used your sample code and it still wouldn't work. I went to ask help from the ACM a couple of times and when it seems like it was about to work it wouldn't. At this point I decided to ask Rob my teammate for help and we both work on script together, and finally we have a working centralized logging in and signing up system that will update the MySQL data tables to update new users and store new data.

I also faced a few troubles trying to have the API working because this is only my second time working with PHP and HTML and also MySQL so it was very difficult for me to relearn these old things in a given amount of time. My IT concertation courses are game development and we work a lot with the C languages so it was tough working with scripting languages. Alex helped me and look for a new API and we switch from using Quandle to Alpha Vantage. With

Alpha Vantage we have to work with python so then again I have to relearn python to work with pulling API keys and functions to display our website. I decided to just test out the python script to just display outputs through the terminal and it works! We were able to display today's stock trend and how they fluctuate on a graph. We were also able to display JSON data files of today's top stocks data. Now the next step is to implement it on our website and have the API request be in the RabbitMQ queue.

Now that I'm caught up with my tasks I can now help out with my group. One of the main issue in our group was that we weren't able to have RabbitMQ working the way we want to. It took us a few weeks to fix this issue when we could've save time and fix it earlier but now that we can send the data on the RabbitMQ we weren't able to pull data from the Queue. This was a main issue because not a single person in our group have the knowledge or know a solution to fix this so we all worked together to figure out a solution. At the current status we got it to work sometimes and sometime it just fail.

Google and YouTube can only help me so much and I spent hours on GitHub, stacked overflow, and w3schools on finding the solution to fixing my problems and sometimes it seems like I can't seem to find any. At this stage of the course I sometimes feel like dropping the class because of problems on top of problems and countless of stress since there seems to be more problems than solutions. I was glad to see that my teammates were not ready to fail and sticking through the project till the end. Even though I am giving up on this project I had learned a lot about RabbitMQ during this project pretty much the gist of the entire IT 490 course. I learned that you can get queries between MySQL and PHP and that these two things interact with each other to process data on the back end server side of the web. I learned that sometimes things don't work and you just have to keep doing other things to make it work. In some of my game classes when we don't have the correct libraries of DLL the exe wouldn't run so most of the time the solution is to reinstall the game or to download extensions to make it work. Errors like that sometimes happened so I'm hoping that I can find a solution to fix the problems that I am having and is probably going to be as simple as reinstalling things. If I were to come across the same problem I will address the problem as soon as possible and ask for help. I felt like we could have all solve the problem together because we were all in the same boat and knowledge instead of each one of us just struggling and feeling hopeless.

