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MART391

Milestone 5

As of now, I am still working on the visualization portion of the data. I've been messing with the AJAX options and experimenting with the best way to display the data. The data display is going to be the biggest challenge.

Previously, I had a *very* rough timeline because of how hectic this semester has been and continues to be. The old timeline consisted of:
- Oct. 13-19: Finish database/sp creation
- Oct. 20-26: Player profile/registration completion (create, edit, delete account and characters)
- Oct. 27-Nov.2: Admin roles completed
- Nov. 3-9: Testing
- Nov. 10-16: Data comparison
- Nov. 17-23: Data comparison & possibly visuals
- Nov. 24-30: Testing
- Dec. 1-7 Testing/make it pretty

Now, I am 'on track' with the previous timeline as I'm mostly focused on the visualization portion of the project. For a new timeline, I'm expecting something along the lines of:
- Nov. 17-23: Implement a visual table of the data to show sorted lists of characters
  - List of *all* characters sorted by name or realm
  - List of all characters of a specific class
- Nov. 24-30: Create a chart to aid in visualization of the comparison of the characters
  - Pie charts, bar charts, etc.
- Dec. 1-7: Focus primarily on testing the data. Make sure there are no issues with user input and that visuals will show. (Maybe create a script/bot to test the creation of numerous characters and see how the tables handle?)

In terms of optimizing the program, I'm not entirely sure on what to use. What I have in mind revolves around testing the time required to execute queries when wanting to display the tables or charts. The only thing that could be 'optimized' that I can think of at this time, is the query time. Because the concepts of optimization of new, I'm not entirely sure 'how' I plan on implementing or measuring them. I will have to traverse the documents you provided us with and dig for ways to accomplish this part of the assignment. Because the bulk of my project is pushing entries into the tables on the server, there is not much that can be done on the client side to optimize the program unless there is something I can do to speed up the process of retrieving the data from the tables when creating the visuals.