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CS410

Project Progress Report

1) Which tasks have been completed? 2) Which tasks are pending? 3) Are you facing any challenges?

1. Completion summary of progresses using the Task that I listed in my original proposal,
   1. ~~Spike the usage on the original system. 3h~~
   2. ~~Set up environment for the project. 1h~~  (This took much longer than estimate)
   3. ~~Look for function and area that needs to be updated. 2h~~
   4. Coding and testing. 10h (About 50% done, 5h left)
   5. Collect data for time comparison. 2h
   6. Create documentation, report, and presentation material. 2h

Currently, I used bulk of my time setting up the environment on Pycharm/terminal, going through the functionality, installing dependencies, and writing few logging lines in the code for better information gathering.

I was underestimating the environment setup portion which took me much longer time, where I encountered many difficulties to get the local server to actually load, due to having to reinstall python and troubleshoot few things online. However, I finally got it to work on local server and can test code now which I am happy about.

I am also getting more familiar with codebase and have pretty good idea on where to add/update code to complete my project.

1. Pending tasks. Currently I am still not complete in the coding and testing part, but I got good plans laid out on what to do. Currently I am able to manipulate the slide pages on next and prev slides, skip a slide, etc. I am thinking to implement a list or queue dataset to pre-load multiple slides when moving slides. I am still implementing and testing so don’t have much more details for now, but don’t seem to face any big challenges that I know of.
2. Challenges. I think the biggest challenge is to correctly gather timing for my final report, since the local server and web server version has different timings. However, if I can compare either one of them and find my implementation speed up the program, I should be happy enough to report that as successful.

Please let me know if you have questions or need further details on anything. Thanks for reading.