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CSC482 A1

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**Review**

My project overall is going well so far. Sarah Faulkner has been very helpful and the Moodle logs I have worked with already have been informative. The main problems have been with gathering old data and working on an effective way to get new data. These problems were mostly unavoidable as Saint Martin’s does not host Moodle and the logs are not stored automatically. Along with the fact that the test classes for the Spring semester are starting now so it will be a few weeks until a significant number of logs are generated. I have received the list of plugins from Sarah that are going to be used and it appears that most of them will be easily tracked by the Moodle logs so once those are logs are gathered the project should move along nicely.

The other concern I have from the EAB project feedback is that my project at the moment is more of a research project than a design project. My goal for this project is to build some type of application for log analysis in addition to completing the main task of the project, researching the specific questions asked by Sarah Faulkner. So far I have been focusing on the research aspect of this project as it is the most important part and the main purpose of the project rather than designing an application for later. I still need to research it more, but I would like to create an R Shiny app that will take a comma separated value file of Moodle logs and return some generic visualizations of the Moodle logs. This would allow instructors to only click the download logs button located in the Moodle settings, and then go to the online Shiny app to upload the file to be given visualizations of their classes with minimal steps. While this idea is still early on, if I can fit it in the schedule it would strengthen the design aspect of my project without impeding on the research aspect in any way.

**Schedule**

I have sent my request to ITS to access data from the Fall semester already and I am currently waiting to hear back from eThink. The planned schedule for the rest of project is:

* February: Milestone one, get access to data from the Fall semester and begin analysis of the data to be compared with the Spring semester data.
* March: Milestone two, get access to data from the Spring semester test classes and begin analysis of plugin usage.
* April: Add logs generated through the end of midterms during the Spring semester to the analysis and visualizations. Begin creating a presentation on the usage of the new plugins and the effect they had on how students use Moodle.
* May: Add logs from the entire Spring semester to the analysis and visualizations to complete the dataset and complete presentation of the findings.

I chose receiving the Fall and Spring data as both of my milestones because they are very important to the project. I cannot complete or begin the main work of my project without getting access to that data, so I believe they are the most important events on my project schedule at this moment.