

Peer Review – Topic Submission Complete Control Medical Record Portal

The idea of a centralized medical record portal is a good one that has many benefits. The background provided through the topic submission was sufficient in explaining to readers the need and benefit of the portal. The creation of a centralized secure medical portal appears to be a complex task with many moving parts. This may prove difficult to research and develop in the short period of time that is provided in one semester. With respect to the timeline it is broadly stated that the portal will be “as complete as it can be” by the end of the semester.

It would be beneficial to break up specific functions of the portal that you hope to have created by specific dates. This would include what you hope to have created by the end of the semester in detail. In the topic submission it states that you will conduct research on medical portals. Does this mean medical portals for specific practices or portals that offer similar solutions such as the centralization of medical records? It is likely that similar portal applications exist and may give insight as to what works and what doesn't in an application such as this.

In the hypothesis section of this paper many assumptions are outlined about the impact of a centralized application. There could be a clearer thesis or hypothesis outlining what you think this portal will accomplish. Not so much what the application will do, but rather how it will improve the user's experience as compared to current methods and how it can be tested by the end of the semester. In the paper it states that you would survey users every three months after the application's deployment to maintain some level of customer satisfaction. That is a

solid idea, but is there any testing method you can propose that can be implemented in the short term (i.e. by December 2015)?

In conclusion, the strong security you plan to implement via multi-factor authentication and encrypted servers is a very strong selling point. The idea of creating an application to centralize medical records is very marketable to a large group of users. The research you will conduct in completing this capstone should yield some telling results. I would be curious to see what is discovered as the results of your research. I would suggest that instead of users requesting a former doctor to relinquish rights to view their medical records, users should have administrative rights on their personal records by adding and removing privileged users themselves. This is an ambitious project with a real world application, which you deserve credit for undertaking.