



SOFE 3490U LAB 4

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Risk

One risk could be at the end of the project is that the client may not be satisfied with the end result. Student Connect has 3 distinct user bases, alumni, management and students. One or more of these groups could be unhappy with the final project, whether it is UI, back-end system, or some functionality could be missing. A countermeasure to this risk is to hold a beta-test before release, and consider feedback.

Another risk that we have is that the project may not be able to be completed on time and on budget. Estimates for effort to complete this project range from 2.25 - 2.5 person-years, it is essential to ensure all employees are on task at all times in order to finish the project before the deadline. Also in terms of our estimate, we run the risk of over or underestimating our project budget. The risks of underestimating, is that we may not receive the required funding from investors. The risks of over estimating is that we may not be efficient with our resources as work generally expands to fill the budgeted time. Our countermeasure against inaccurate estimate is to use multiple models to base our estimate on so we can get as accurate an estimate as possible.

A third risk is security risk. It is crucial for this application to have to have necessary security precaution, in the case of attacks. Our countermeasure against a security breach is to use a security framework that will ensure the encryption of all data is secure.

Resources

The resources for this project are our different teams. We have many team including the database team, backend team(alumni, management, students), front-end team, system analyst team and testing team.

Task	Resource	Duration	Start	End
Alumni Module Design	Backend Team 1	2 weeks	February 1	February 14
Alumni Module Coding	Backend Team 1	2 months	February 15	April 15
Management Module Design	Backend Team 2	2 weeks	February 1	February 14
Management Module Coding	Backend Team 2	2 months	February 15	April 15

Student Module Design	Backend Team 3	2 weeks	February 1	February 14
Student Module Coding	Backend Team 3	2 months	February 15	April 15
Database Design	Database Team	1 month	March 1	April 1
UI Design	Frontend Team	1 month	March 1	April 1
Testing, debugging, Fixing	Testing Team	1 Month	April 1	May 1