

Software Project Management Lab 4

SOF3490U

Name

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Submitted to the University of Ontario Institute of Technology

Risks

1. Inexperienced Developers

The first risk posed to the development of this project is the possibility of developers being inexperienced within certain languages or software tools or libraries. To counter this issue the teams will undergo training with their respective tools and libraries. This will allow team members to gain experience with their respective tool set needed for the development of the project. Teams will also be comprised of both experienced and inexperienced developers to the best of the ability of each team, to allow for extra balance and guidance between teams.

2. App Disliked

The second risk is the possibility of the app not being well received on launch or deployment. To counter this risk teams will produce prototypes to further showcase their implementation as well as the holding beta tests to allow for teams to collect feedback from users. This will help push the project in the proper direction by making necessary changes needed for the project to be better received by users during launch.

Resources

The resources for this project includes the multiple teams for system implementation including the backend development, mobile development, database design, as well as the testing and quality assurance team. These teams will be used for the implementation of the various kinds of components to build the entire system.

Tasks

Task	Resource	Duration	Start	End
Design database	Database Design Team	1 month	February 1st	March 1st
Installation database	Database Design Team	1 month	March 1st	April 1st
Documentation of database development	Database Design Team	2 months	February 1st	April 1st
Program back-end for mobile app	Back-end Development Team	4 weeks	March 14th	April 11th
Connect	Back-end	1 week	April 11th	April 18th

back-end with UI for mobile app	Development Team			
Documentation of back-end development	Back-end Development Team	5 weeks	March 14th	April 18th
Design UI for mobile app	Mobile Development Team	2 weeks	February 1st	February 14th
Program UI for mobile app	Mobile Development Team	3 weeks	February 14th	March 7th
Documentation of UI development	Mobile Development Team	5 weeks	February 1st	March 7th
Test UI usage	Testing and Quality Assurance Team	1 week	March 7th	March 14th
Test back-end endpoints and usage	Testing and Quality Assurance Team	1 week	April 11th	April 18th
Quality check of system	Testing and Quality Assurance Team	1 week	April 18th	April 25th