



Software Project Management Lab 2 Report

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Description

Student Connect was chosen because it is an application that we as university students have a direct use for. The student connect application will make it easier to connect alumni to students, and upper year students to lower year students. Lower year students can benefit because they have access to notes, test practice that upper students have. They can also ask questions or doubts from peers, whether they are in upper years or in the same year. Students have many advantages in using this application. Firstly they can contact alumni, making professional connections. They can also ask alumni to mentor them, whether it's how to navigate the complicated professional world, how to manage time and get a good work-life balance.

UOIT will also have benefits in developing this student connect application. UOIT can track information about the alumni. They can see how former students of the school are doing, and get the performance of the school in the outside world. UOIT can see from which programs students to have a higher employment rate and sell those programs.

Objectives

- The student connect application needs to be completed within the allocated time and budget.
- Multi-platform needs to have both web and mobile applications.
- Simple UI for ease of use.
- Build for 3 modules (alumni, management, and students). Students and alumni should not see management module.
- Need to log in with correct and verified login ID and password.
- Can chat, either one-on-one or in groups.
- Filters to easily search for anybody that exists on the platform.

- Management should monitor the platform for any abuse of terms, check on students and alumni, and send messages.
- Management console can add courses for students.
- Students and alumni can change status, add employment history, degrees attained and more.
- When student graduates, they automatically become alumni.
- Create a platform for upper year students to sell textbooks.

Measures of Success

- Very few/no bugs that could impact the quality of the software.
- A secure platform where private information does not get leaked.
- The project is completed on time.
- The project is completed on budget.
- Multi-platform application created that is easy to use.
- Clients facing less than one-second minimal delays in communication.
- A secure payment portal for buying textbooks/resources if necessary.

Infrastructure

- A secure login system for authentication with end-to-end encryption for communication.
- A cloud-based database to store alumni, student, and management information.
- A web & mobile application with a friendly user interface.
- Investment in product marketing to get the attention of the students and alumni and others.
- A payment gateway for payments. Interac, Stripe, PayPal.