BUSINESS CASE

Proposed Project	Web-based Scheduling Application
Date Produced	Sep 28, 2021
Background	Students may find it difficult to manage multiple classes and group projects since there are so many important dates to keep track of. This application will allow users to create calendars to help them organize due dates for assignments, exam dates, meetings for group projects, and setting availabilities in order to coordinate group check-ins. Users will be able to invite other classmates/group members to view these calendars. Those invited will be able to edit the calendar in a multitude of ways: adding dates, removing dates, amending pre-existing items and sorting items in terms of importance. There will also be an in-app messaging function that will allow easy communication between members within the same calendar in order to discuss topics like coordinate study sessions, course content discussions, and verify/clarify assignment/exam requirements.
Business Need/ Opportunity	Having a web-based scheduling application with built-in messaging functions will make it easier for students to manage their course load. By having it accessible through the web, user's have the flexibility to view and edit the calendars from any device that has an internet connection (smart phones, tablets, computers, etc.). Furthermore, by having this application support built-in chat functions, users will no longer need separate applications in order to communicate with their classmates/group members.
Options	1. Focus on the individual user first by fully developing the calendar capabilities and functionalities: add dates, remove dates, amend pre-existing dates, colour coordination for differing classes/activities, assigning prioritization to added elements. Once this is developed to its fullest capacity then we focus on the group aspect by allowing users to create group calendars that are separate from the previously developed personal calendars and inviting others to be able to join/edit them accordingly. Lastly, we work on the in-app messaging features to allow communication between members within shared groups or other one on one conversations. 2. Focus on the group capabilities first by developing a very basic version of the calendar and its' functionalities: add dates, remove dates, amend dates. Then we work on the ability to invite other users to view and edit the created calendars as well as the in-app chat functionality. Once these are developed, we then begin to broaden the calendar usability by adding features: colour coordination for differing events/activities, assigning prioritization to added elements. Then we will look into having the ability to

	separate calendars for individual users as well as group calendars.

Constraints/Risks

- The time allotted to complete the project (just over 3 months)
- Rendering the calendar view (easy to navigate, not too congested)
- Adding the proper/required functionality (what's "needed" rather than "wanted")
- Be weary of having unrealistic MVP's (too large of a scope)
- The model of the chat function could get complex

Assumptions

- Minimum of one MVP produced by the end of the time frame
- Understanding/going through the motions of what a project entails is more important than the materialistic outcome

Recommendation

We recommend going with the option that focuses on the individual calendar rather than the group calendar. With this option you will have a minimalist approach to the physical calendar such that you have the basic functionality needed to manipulate it, however you can put more time into developing for a group target user (this target consumer is more likely to use an application such as this rather than an individual).