# CPSC 233 - Group 5 - Term Project Proposal – Final Version

Team Members:

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## App Idea:

## Our plan is to create a project of the form-based application type. The general idea is to create a calendar that clearly outlines University of Calgary events on it and allows users to create their own events as well. For our project ideally we would have liked to make the university events very faculty specific. However, due to time constraints and inability to use an API (as originally planned), we are using general university events instead.

## App Specifics:

(Includes structure, design, components)

At best, we hope to include the following features in the app:

1. an interactive academic calendar
   1. Would display important dates like first day to register for courses, last day to drop/swap/add courses, days when fees are due
   2. Personal events that the user would like to input on their own
   3. Users could also color-code events from a provided set of events
2. Student could also add dates (ex. quiz and midterm dates) to calendar and receive notifications.
3. Pop-up notification system (for now, this will be in-app. In the future we may think about implementing an email or phone notification system, if time permits).

Focusing on point 1, this interactive academic calendar, contrary to U of C’s current set-up, would be designed to look like a normal calendar with important dates programmed into it. Users would be able to view certain event information and details through a separate pop-up window and customize it to fit their personal events into the interface as well (such as quizzes, tests, midterm dates, appointments, etc.), through an add event button, which would also open in a new window. We will use the Java timer class (or something similar) in order to create a notification system for events, as well as the Java calendar class for the overall framework for our application.

UPDATES FROM PREVIOUS SUBMISSION:

* The original idea to use an API was discarded as we were not able to get access in the first place, and if we had gotten access, the time it would have taken for us to learn to work with APIs would have not been doable in the time frame we have available to us.
* The interactive map idea was also discarded because of the time-constraint; we would have needed to do a lot of self-study to figure out mapping software and implement it into our application.
* The plan for faculty-specific features was discarded for the same reasons as the above points.

## Target Audience for the App:

Given the time and resource constraints, the app’s target audience would be UofC students, (and potentially specifically for CPSC students) with all resources focused on helping these students navigate through the university’s resources as well as stay organized with their own busy schedules.