1. Name: StudentHUB
2. Introduction:

> The transition from high school to university is challenging, as it also marks a significant step into adulthood. I personally experienced these difficulties, and after speaking with many other university students, I found that they shared similar struggles.

> During the first four years of my university journey, I faced issues with organization, scheduling, connecting with peers for help, and accessing academic advising. In my final year, I made a concerted effort to utilize all the resources York University offers, along with existing scheduling tools like Notion and Google Calendar, to address these challenges.

> As a student, I struggled to navigate the resources at York University and often found it difficult to locate the ones that were most relevant to my needs. The resources felt scattered, and I had to put in a lot of effort to customize the scheduling solutions I found in order to create a calendar that worked best for me as a university student.

> I was unable to find a mobile app that served as a one-stop solution specifically tailored to the needs of university students. When I shared my experience with other students at York, I discovered that many of them faced the same challenges, and some are still dealing with them today.

3. Project Overview:
   The proposed project will be a cross platform mobile app. It should be a one step solution for all university needs.
4. Key Features:
   - Calendar: Most ideal for an uni student. One potential way could be that the screen that sets up the calendar can be split into Courses and their assignments. That way in the beginning of semester someone can open all of their course outlines and take the dates and just put them in, course by course. One screen for each course? Potential next step: Automation feature, where the above gets automated straight through uploading course outlines.
   - Group chat: If the user mentions which courses they are enrolled in. It will find other users using that app that is in the same course as them. And they will automatically have access to a channel. This would replace that one guy in every course that emails people with the whatsapp or discord link. So people that are shy or face social anxiety, they can be part of a group chat through this app without even having to socialize with anyone else in the class if they are not comfortable with it.
   - AI Chatbot: Degree planning or related questions can be very anxiety-inducing throughout anybody's university journey. The only solution that I can see currently available is the academic advising for respective departments in a university. Academic advisors are only available at certain times and they are backed up during the course enrollment season. Either students don't feel

comfortable reaching out for help or the advising departments are so backed up that by the time they help it can get too late.

Most times, the academic advisor provides information that is already available on the school website. But, these websites are not SEOd due to which students like me have a hard time finding the academic advising websites directly themselves. Therefore, this will be an AI chatbot who can read all the academic advising websites and just be able to answer questions like an academic advisor would.

5. Timeline: Refer to course outline.
6. Technical Requirements:
    a. Codebase: React Native
    b. Database: MongoDB
    c. Authentication: Clerk or Auth secure storage
    d. Back-end: React