CS411 Team Assignment 1 - Proposal
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Transit Estimator: Of all the hassles that students living off campus encounter, the one that occurs on a daily basis is the commute to campus. Whereas students on campus can afford a speedy commute to class, some of us in the team need to wake up at least an hour before class to get prepared and account for the traffic on the way. There are usually five or so ways to get to campus: take the T (which is slow as a turtle), take the 57 bus (which is unreliable), take an uber or lyft ride(which is fast but catastrophic to my wallet), bike, or walk (which is healthy but time-consuming). While each method has its pros and cons, being able to immediately choose the most efficient, cost-effective method of transportation without the hassle of switching between different apps would be immensely useful. With the addition of BU BUS for BU students, we have decided to create a web application that can cleanly display all of those data to the users and quickly output the optimal choice as soon as the app is opened. This project would allow us to interact with databases collecting data from various API's, and also the Facebook API for easy user access that could provide a customized or frequent routes. With the destination entered, such app will instantly approximate the travel times and give the answers that students need at the tip of their fingers.

BU Food app: Currently, the only way students with meal plans can see what is available to eat is through painstakingly searching all 4 BU dining hall websites. Our goal would be to create an app that can take the data from all the websites and consolidate them onto one easy to use interface. Through facebook and twitter authentication, users can have accounts and rate, favorite, and be alerted when some of their favorite foods are available to eat at the different dining halls. We can also incorporate vendors who accept BU dining points so students have more options to choose from. If there is time, a fun addition to the app would be a "meal suggester"; based on the foods you enjoy eating at the dining hall, the app can recommend what other types of food you may like the BU dining has to offer.

CS 411 Project Ideas

2 Ideas per person:

What's the idea?
Function?
Who Cares/ Who will use it?
Anything else I guess

Brian's Idea

Drone Mission Platform: Using the facebook API, we can create a platform that could easily reach and connect millions of drone users with potential customers. As drones are becoming widely adopted for recreational purposes, drone users are increasingly looking for opportunities to fly their drones more than just for recreation. Luckily, industries like real estate and construction are recognizing drones as a useful tool, providing lucrative opportunities that ordinary drone pilots need. Take a look at https://dronebase.com/ for instance, which exemplifies the concept I explained. However, it lacks the user-friendliness that a common internet user would appreciate, which is the factor that I am hoping our team can provide. While *dronebase* is geared towards corporations to seek large amount of help, maybe we can provide a simpler, Facebook-integrated platform for users to connect quicker.

Transit Estimator: I live off campus, so I usually need to wake up at least an hour before class to get prepared and account for the traffic on the way. There are usually five or so ways to get to campus: take the T (which is slow as f*ck), take the 57 bus (which is unreliable), take an uber or lyft ride(which is fast but catastrophic to my wallet), or walk (which takes forever and makes me late to class). So when I get out of the house, I immediately ask myself which method of transportation I will choose to minimize the transit time with the lowest risk of being late to class and unbroken bank account. To answer this question, I usually have the MBTA app, the uber app, the lyft app, and the google map all open at the same time, switching back and forth to find the optimal solution. So...what if we can create a singular app that will unify the data coming from all of those applications? With the destination entered, such app would instantly approximate the travel times and give me the answer I need, bringing me so much joy to my life and numerous others'.

Tommy's Probably Bad Ideas:

Clothes Galore: I used to, still do, have really bad style but being a person of bad style, it is extremely hard for me to find nice, decent looking clothes. I hate having to search through

the web of different brand names to find a simple plain t-shirt. So I was thinking of making an app that unifies different brands into one database and if you can pick and filter from all the different brands at once. Similar to amazon, but for clothes. If I type in “blue shirt”, it’ll show me all my favorite brand names instead of me going to 5 different individual brand websites, and if you’re interested, it opens the actual website.

Back up ideas: Food with limited resources: Set a calorie limit and the ingredients you have in your fridge and it’ll output a food/recipe with the resources you have.

Kavi’s idea:

Rate my course (only for BU) (as opposed to rate my professor)

When I'm choosing a course for the semester, I usually go to Rate My Professor to check out the ratings of a professor. But sometimes, the same professor teaches multiple classes and I spend a lot more time looking for ratings for the exact course that I'm planning to take.

At the end of the day, all I wanna know is how a certain professor teaches a particular course, not anything else which I'll probably never take. However, then the problem of having multiple professors for a similar course will arise. We'll get rid of this problem by creating a sub tab for professors in a particular course.

This might be confusing and there are a lot of details but I can explain my idea when I see you guys later. This description is just to give a general overview of my idea

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Ozdemir’s CS 411 ideas.

A proper guest swipe check in system for BU.
Guests at BU must currently be signed in manually. Writing a program that would sign residents in by swiping BUIDs would save paper and make the sign in process much more efficient. all the information can also be accessed by the hall director for the building, who can be alerted if someone is signing in every night/ breaking guest policy.
Problems with this: does not use a public API. Would also need permission from BU. Also no need for twitter/ Facebook authentication.

WankersMeet.com
Use pornhub api and a dating site (tinder) for age, age preference, and photo. The website/app matches people based on their pornography interests. For hookups only

Problems with this: I doubt anyone would want to use Facebook authentication, although tinder does use it. Perhaps not too far fetched?

BU menu
Create a BU app that tells you all the food available at all 4 dining halls. Bonus for also having food available at GSU/Rhett's, or places that accept dining points.
(There used to be a working app for this called BU food. This app has not been working for 2 years. I personally know the creator who made this app, so we could probably ask him for code if we wanted)

Comic website idea/ inked in
Currently, there does not exist a website/ domain where you can easily view popular online web comics. The goal of this project/ idea would be to create a social website where you can easily digest all webcomics you are interested in. The website should also be able to recommend comics to you based on what you enjoy.

Yuchen(Dennis) Zhang:

Status Match Platform

To be a senior, the next stage for us is either going to a graduate school or find a job. At this period of time, i believe many students are as confused as me. THerefore, what i want to make is an status match platform, I call it "the next stage". This app allow student to login with facebook account, which will use facebook API, or can login with student's account. Then, students can upload their resume, and enter their gpa and relevant informations. Finally, this app will analyze this student based on the informations he/she provides, and return a feedback which will tell the student is better for keeping studying or finding a job.