

# Meeting Agenda - Sept.19th

## List of \*CORE\* app features: (10 minutes)

1. Signup + Login : using student number, name, email and password
  - a. Registration for an account
    - i. Get users to enter an @alumni.ubc.ca account
    - ii. App sends that email a verification link  
Reference:<https://firebase.google.com/docs/auth/custom-email-handler>
  - b. Connect with facebook option, but not necessary to use the app
2. Home Page :
  - a. Connect with Facebook option (if hasn't connected with Facebook yet)
  - b. List of courses you have: taken, going to take, interested in, sorted based on time
  - c. Explore courses search bar
3. Course Page (after course gets entered in search bar mentioned above) :
  - a. Overall rating - Easiness, Usefulness, Recommended-ness
  - b. Students' comments and individual ratings
  - c. Choices for - "interested", "taken", "going to taken" with time selection
  - d. Links to Course History pages
4. Course History Pages

*(Note: this page will be shown differently if user hasn't connected to Facebook yet - instead it would be replaced by a "connect to facebook" message)*

  - a. Interested Page - see who else in your facebook friends is interested in taking the course
  - b. Taken Page - see who else has taken the course and when they have taken it
  - c. Going to Take Page - see who else is going to take the course and when they are going to take it

## List of \*OPTIONAL\* app features: (5 minutes)

1. Comment anonymously : having an anonymous toggle for comments so your name doesn't show up *(I think this should be a must-have feature, because some people like being anonymous)*
2. Professor : having a field (along with comments and rating) that queries for Professor - which can also be added into a database of professors for this course, and also maybe we can get a rating on that professor too from rate my prof
  - a. *Maybe checkboxes for each professor name whether we want ratings of that course with that professor included in OVERALL RATING of the course? (slacknotes style)*
3. Messaging : can message the people who are "interested", have "taken the course" or are "going to take the course"

- a. Should we have a “taking” one so people can find others who are taking it and ask them questions/partner-up?

### List of Clarifications: (15 minutes)

1. Are we going to scrape all of the courses off of UBC's website? If so, how are we scraping the data and how are we importing it into our database, if it were Firebase. Is there an android way of doing it? Or we can scrape it using web technologies and import it into our database?
2. Database Structure : what are our instances (classes)? What are the key-value pairs present in the classes? Is the design efficient? Here're some reference for Firebase: <https://firebase.google.com/docs/database/android/read-and-write>
3. How do we achieve connecting with Facebook and retrieve the friends information from Facebook on android? I think it has something to do with Facebook SDK and Java SDK (not sure), does anyone know? This link should do :  
<https://developers.facebook.com/docs/facebook-login/android>  
<https://developers.facebook.com/docs/graph-api/reference/user/friends>

### Project Timeline: (10 minutes)

- Learn necessary materials, play around with them to see how they work and integrate into the project. This includes: Facebook SDK, Firebase, Android Studio etc. (many of you probably already know a lot across these areas).
- Scrape course data and import into Firebase
- Signup + Login Page -> insertion of user into the database
- Comments, Ratings etc. for every single course -> insertion and presentation
- Toggles for interested, taken, going to take etc.
- Connecting with Facebook; filter out the user that are interested, have taken the course or are going to take the course on respective pages
- Wrap up : clean up UI etc.

### Collect comments, suggestions, ideas and modifications: (10 minutes)

#### \*Define UX/UI specs: (10 minutes)

(Optional: if we have time we'll go over this)

### Github Pull Request FAQ: (10 minutes)

FYI: <https://help.github.com/articles/creating-a-pull-request-from-a-fork/>

### **Project Requirements: (15 minutes)**

- Android Studio
- Firebase
- Facebook SDK

### **List of risks, unknowns: (15 minutes)**

1. Main thing I'm worried about is connecting with Facebook part. Other stuff should be fine.
2. Data scraping is still an issue until we test it successfully