

Circle App Proposal



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IOS Programming

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Background

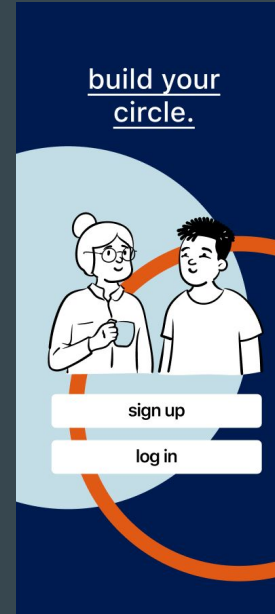
- At NYU, there is a struggle to stay connected to our classmates because of our unique academic setting, campus, and culture
- This has only been intensified due to our now virtual learning
 - Students are struggling to keep up with classes, find assistance with work beyond zoom lectures, and reach other classmates
 - Many are resorting to unique avenues such as animal crossing, tik-tok, cooking, and even dating over zoom, to stay entertained and connected

Our Solution

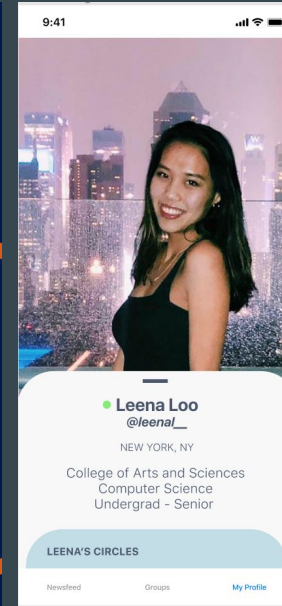
- A social networking app to help our own NYU community, and other colleges, stay connected in a more casual way than current class discussion boards even after the pandemic ends
- The target audience of this app is students from accredited universities
 - Limited to your school's community
- The app will allow users to join interest groups categorized by interests, majors, classes, etc. and further communicate with others in those groups

Accounts and Profiles

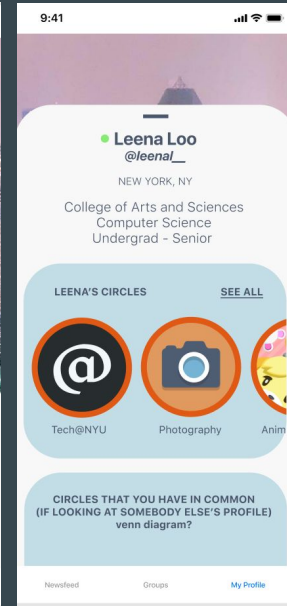
- Initial view of being able to log in or sign up
 - Need a school email to make an account
- Once there is an account, student can make a profile containing these fields:
 - Year
 - School
 - Major
 - Timezone/current city
 - Groups that user is part of



Initial View

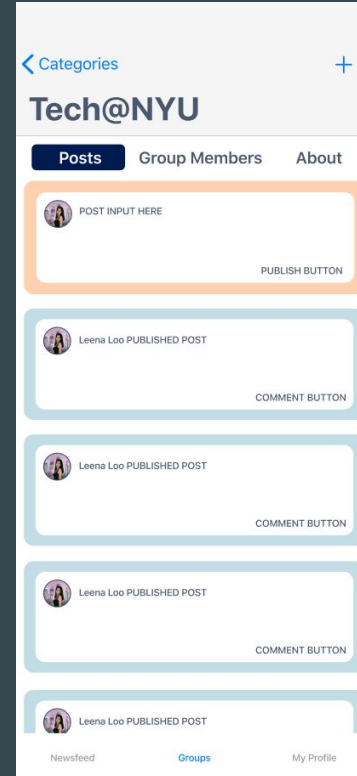


Profile View



Groups

- Once an account/profile is set up, users can browse categories of groups to find the ones that they want to join
 - Examples of groups can be:
 - Computer science majors
 - iOS class
 - Intramural sports
 - Cooking
 - Gaming
- Within each group, users can...
 - See other users who are part of the group
 - Post in the group forum
 - Message other users
 - Video Chat with an active user



Group View



Video Chat View

How will we do this? (Technical Specs)

- Animation in initial view when users open app
- Table Views to scroll through users and group names
- Tab bar to switch between feed, exploring groups, your profile
- We will be using two databases (Firebase)
 - one to store user profiles
 - another to store group data
- Video Chat will be implemented using Agora Video SDK
- This is subject to change, as we begin development

Use Cases

- Being able to talk to other students in your class outside of zoom lectures
 - Finding a tutor / group project members
 - Meeting classmates / people in your major
- Discovering students with similar interests
- Sharing
 - Friend codes for video games
 - Recipes
 - Virtual events