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CSC 690

Milestone 1: Proposal

The goal of this final project is to develop an iOS application that functions as an anonymous chat room based on a user's location. Users will not have to create an account, any posts made will be anonymous, posts will be presented within 1 mile of the users location and can be sorted by new and hot. Users will be able to upvote/downvote and comment on posts.

Key components of this application will be the the feed, navigation drawer and bar, posts, and the post creation form. The backend of this application will use Google Firebase to store posts, and google location services to get user's current location and store posts and comments for respective locations.

Nice-to-have features would be being able to post more than just text, such as uploading images and video. A potential idea would be creating user accounts and tracking users posts for them to see, but this could be against the anonymous nature of the application.

The time needed for to develop this application by myself as I am not in a group is likely 2 weeks of straight work. I foresee the front-end and ui elements taking a week and the back-end and becoming familiar with Google firebase taking an additional week.

UPDATE:
Unfortunately my final project failed to meet my Milestone 1 scope. The Firebase implementation was a little more "interesting" than I thought and had to reduce my scope. I decided to instead of making a yik-yak clone, I made a music player clone to play and control local music files. I implemented Firebase Authentication for users to login, and had the goal of being able to upload and store music on Firebase and stream it, but did not meet the deadline. This is something I will explore in the future.

My GPA

Help I've fallen and I can't get up.

3h ago   3 replies   ∧   38   ∨

That awkward moment when you're in the bathroom stall and you make eye contact with the person checking to see if the stall is empty.

2h ago   ∧   25   ∨

tydrollics

I tried to FaceTime campus police last night.

1h ago   13 replies   ∧   24   ∨

Shout out to the girl in the red sweater on the library steps. Looking real good.

2h ago   5 replies   ∧   17   ∨

I hate when my phone says "searching," but when it does I hold it to my heart... And whisper "Me too phone, me too."

30m ago   ∧   15   ∨

The guy next to me in the library is smacking so loud. It's infuriating.