
Mobile Application Development

Grapevine



Blue Valley North High School

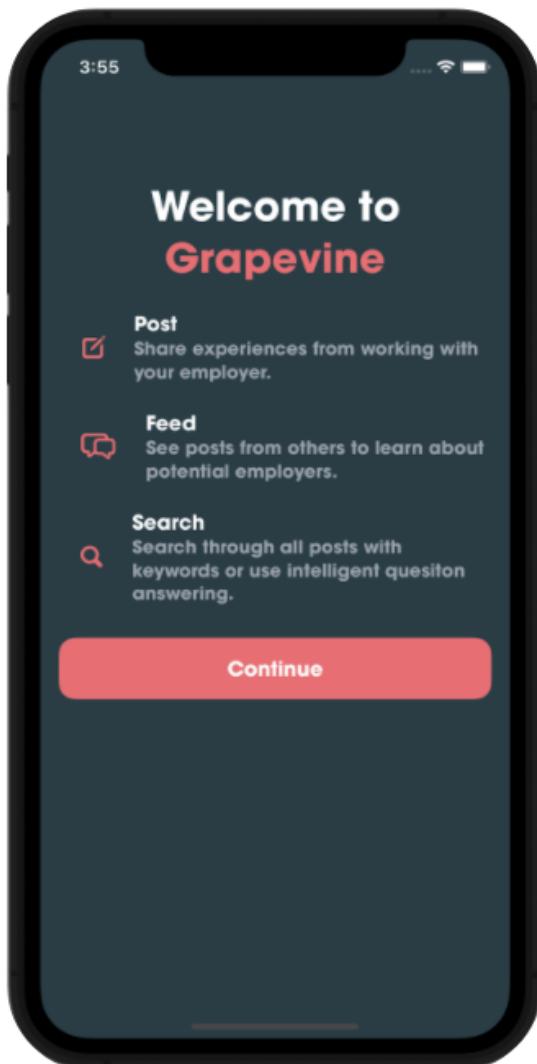
Nathan Bronson

Shishir Vargheese

Jerry Xia

Application Overview

The Grapevine mobile application is a social media solution, to build a safe, protected environment for sharing employee experience, and connecting customers, and future employees/students.

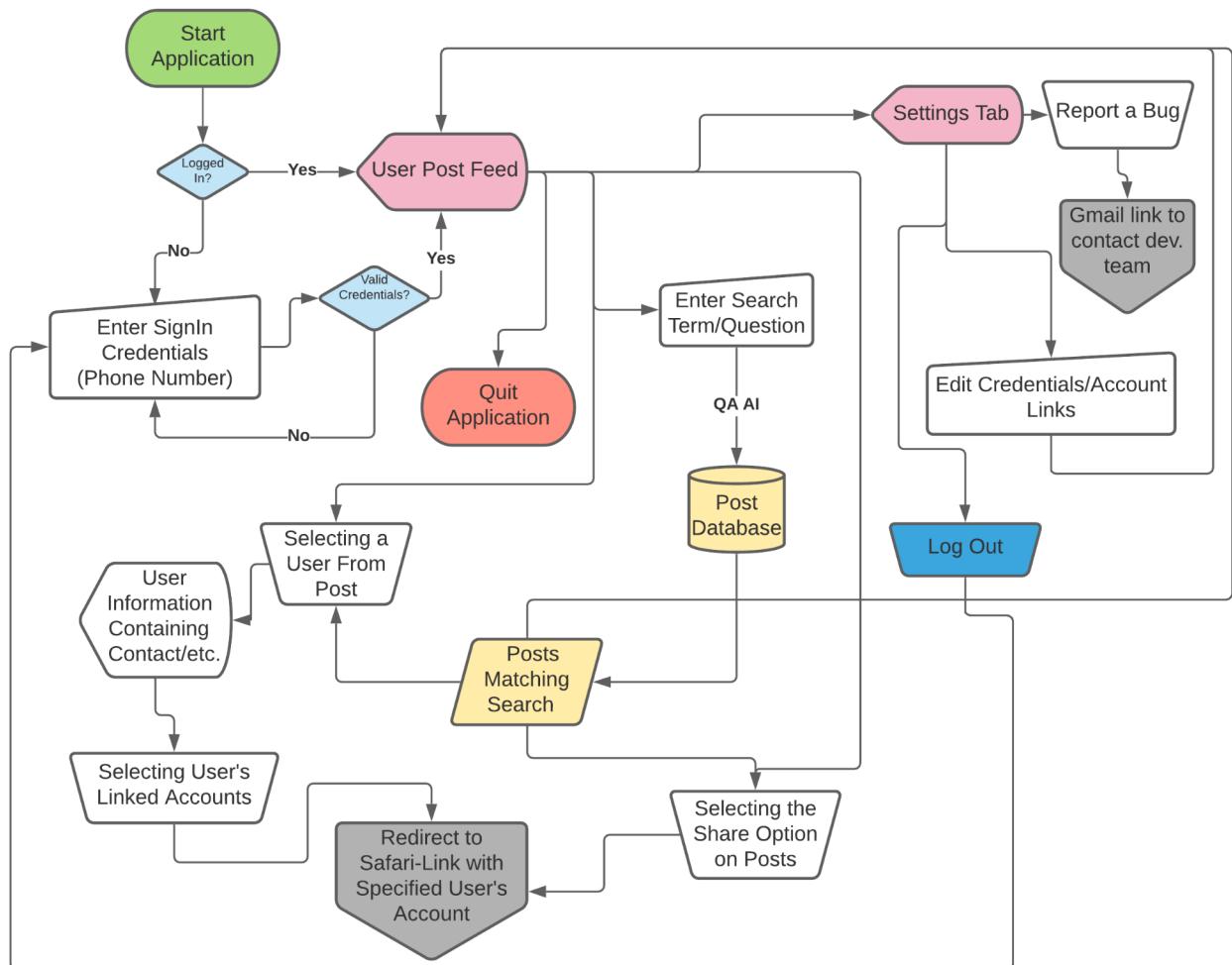


Main features of Grapevine, include functions allowing for the user to:

- Sign in using a native account or a Google account
- Connect your account directly to your Facebook or LinkedIn
- Search for job experience posts based on keywords, job titles, workspaces, or reviewers
- View post-creator's credentials and contact information for more detail on specific experience/advice
- Share posts to external sites such as LinkedIn and Facebook
- Update your own account's credentials and posts based on new external accounts or new jobs

Application Flowchart

This diagram shows a detailed flow of the app's functions.

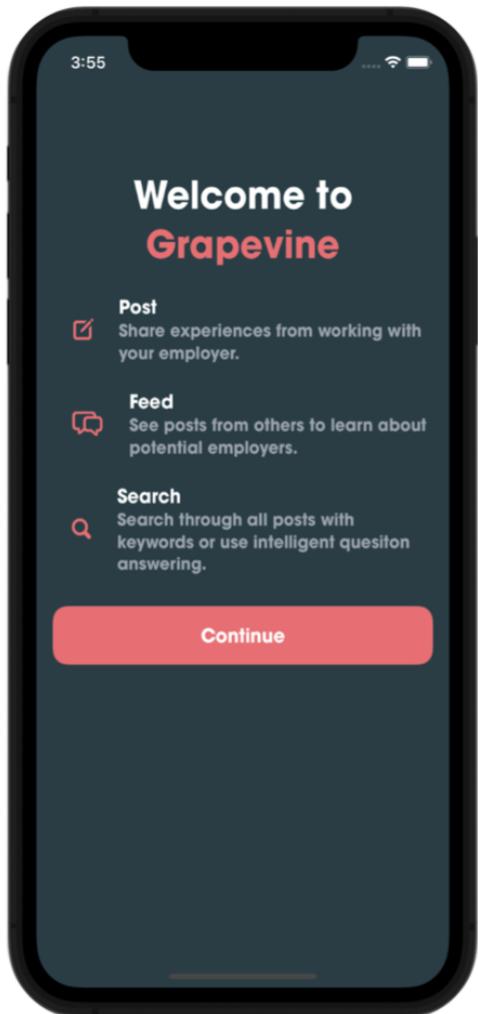


User Guide / Operating Manual

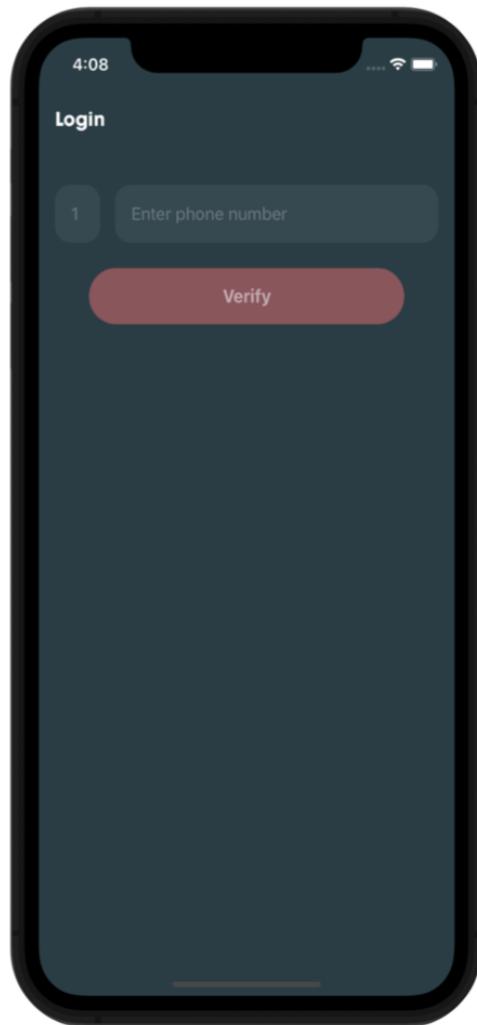
Grapevine with IOS

Launching the Application

To launch Grapevine, open the IOS device/simulator with the loaded Xcode program, and click the  application icon.

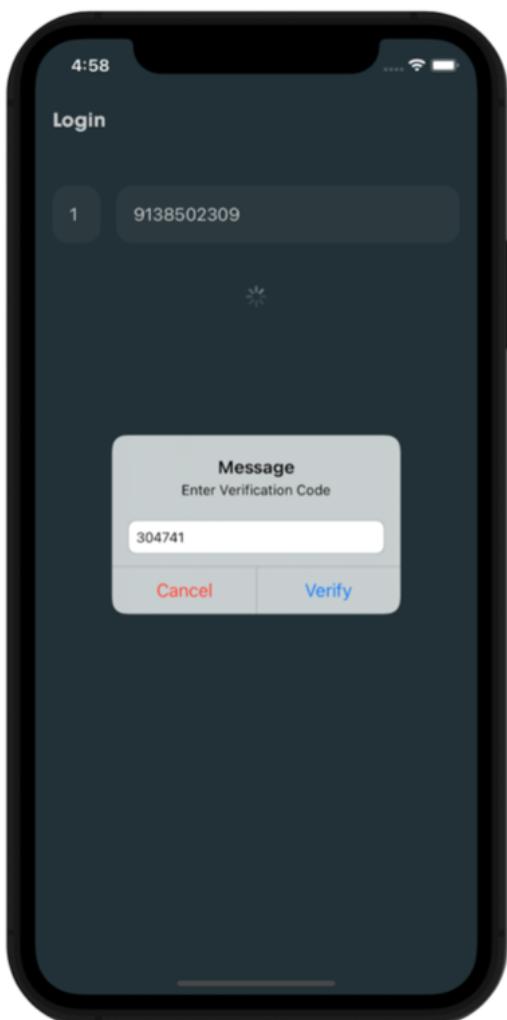


Clicking continue will take the user to the login/signup screen:

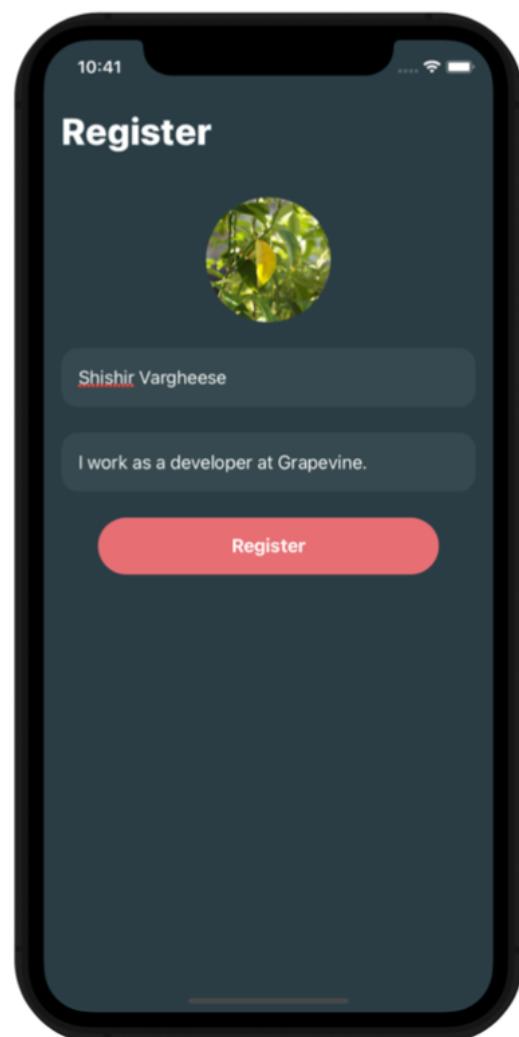


Login/Signup in the Application (Native Account)

Users can sign up using their phone number in the login section, which will prompt them to make a new account. To **Sign Up** using a user phone number, the user will type their number in, and they will be redirected to a robot verification system, which will take them back to the signup again after it is completed. The app will prompt the user to enter the messaged verification code, which will show up in a text message to the number entered.



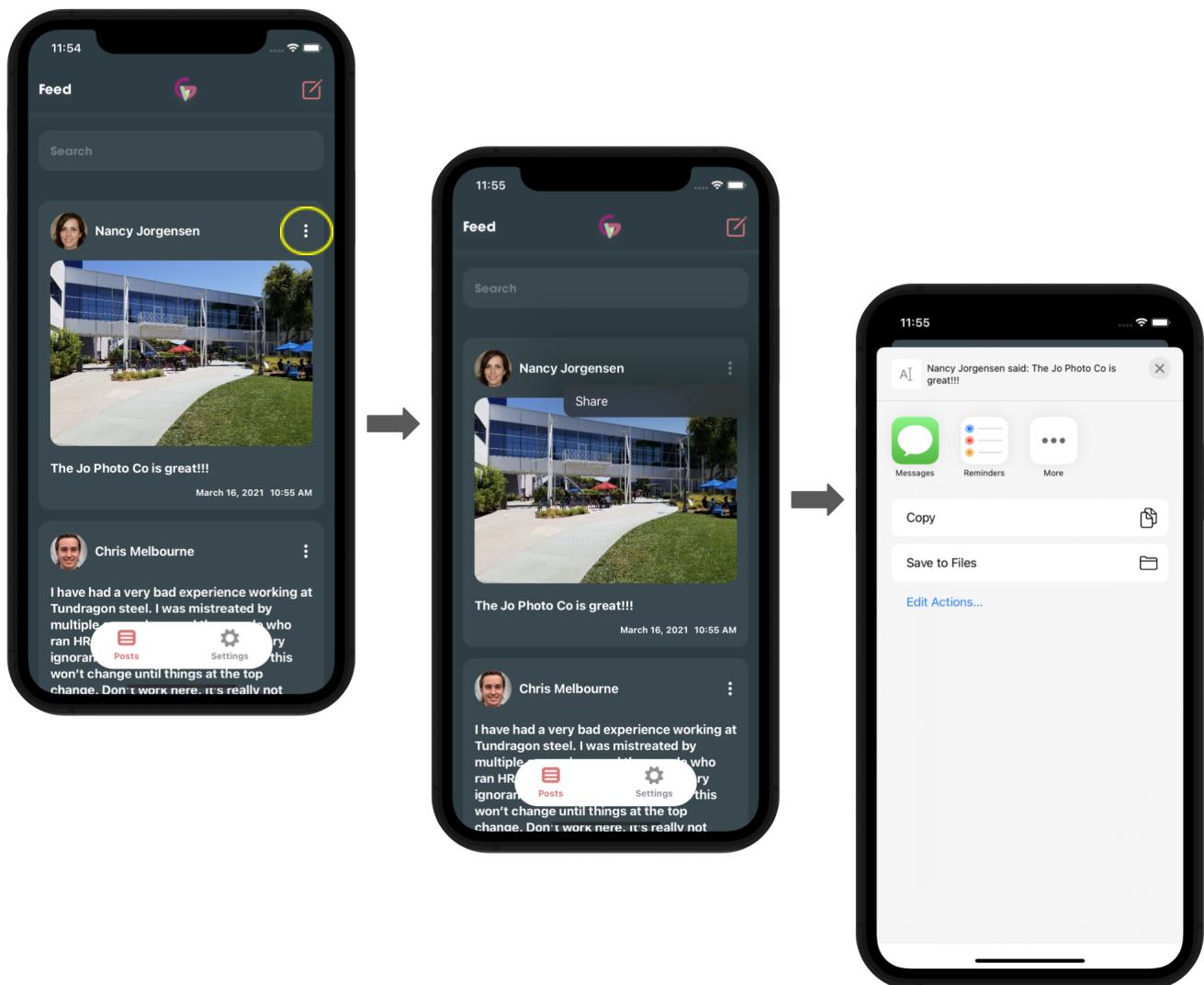
The user will be prompted for their full name and a quick bio on their job status, if they are a new user:



User Feed

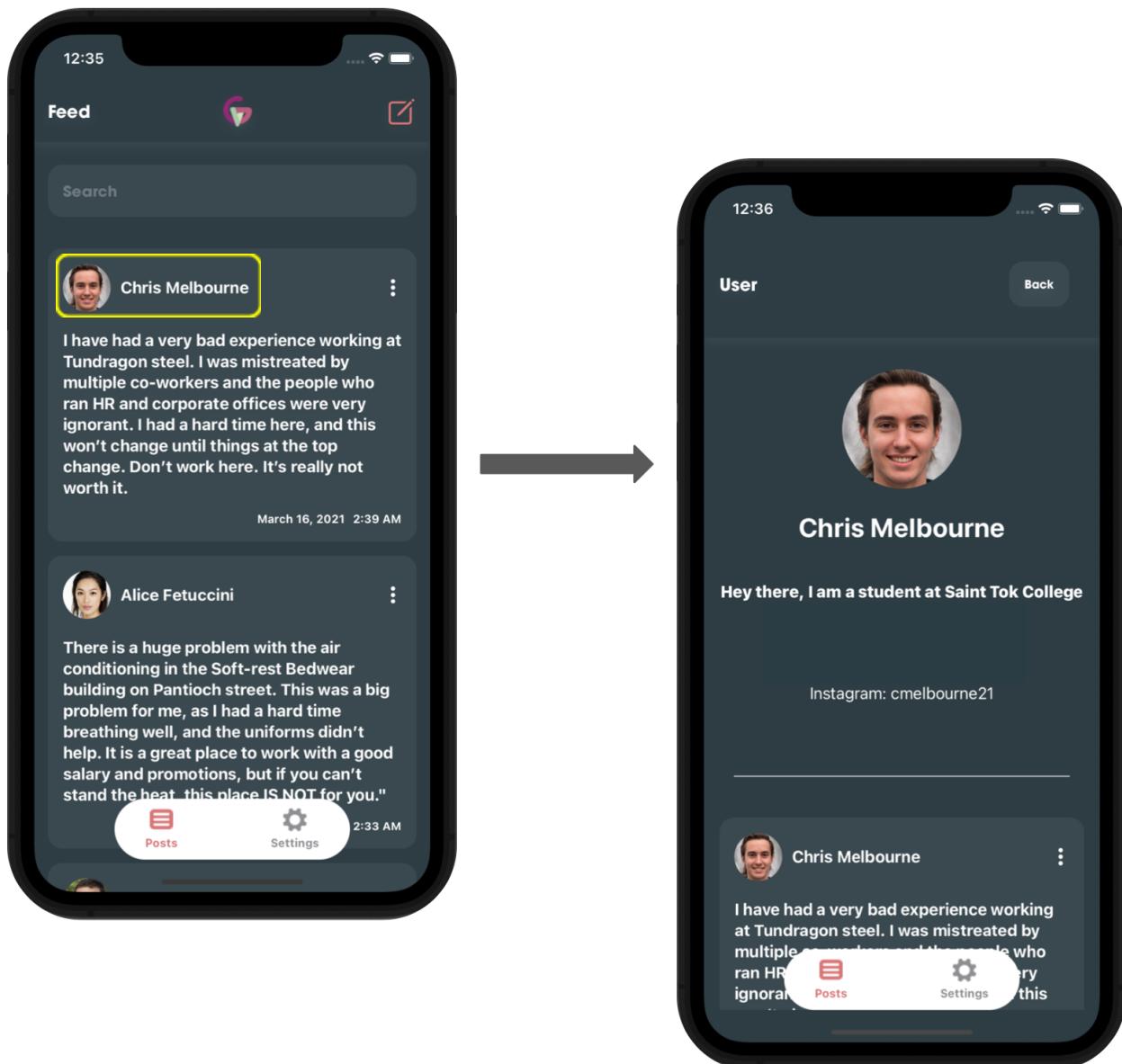
After Logging In or Signing Up from the previous page, users will be directed to their user feed page, where they can view posts and interact with them. Sharing Posts can be done by clicking the circled area in the first image, and clicking share. Users will be directed to choose an app or website to share the post to.

(These apps do not show on the emulator depicted)



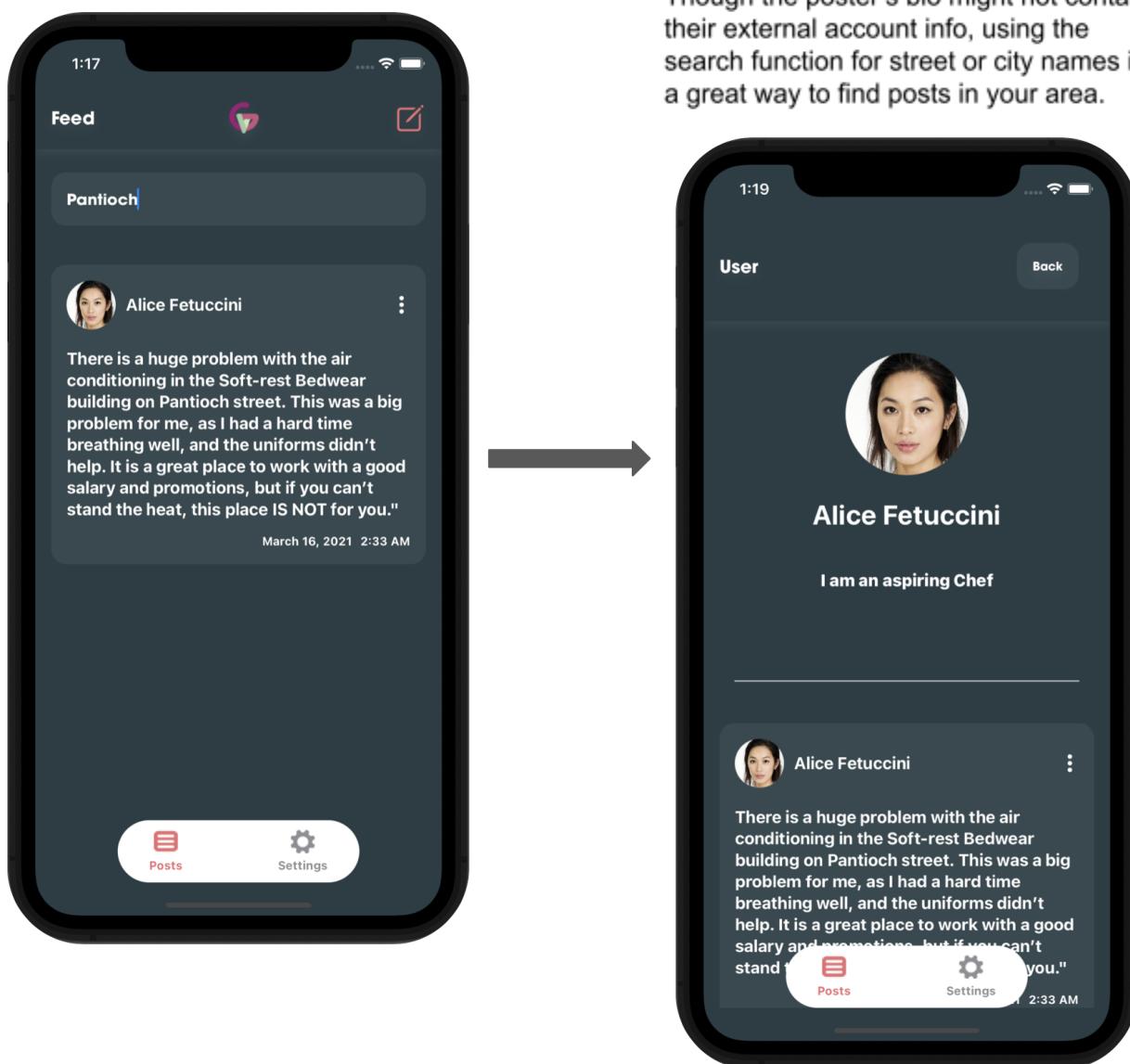
Cont. From User Feed

From the user feed, the user can also interact with other users by pressing either their profile picture or their name at the top of their post box (circled in yellow). This will direct the user to the poster's page containing their job/experience bio, links to their other social media accounts, and all of their posts below. Users can follow these links to ask for more information about a person's post or experience.



Entering Search Term/Question

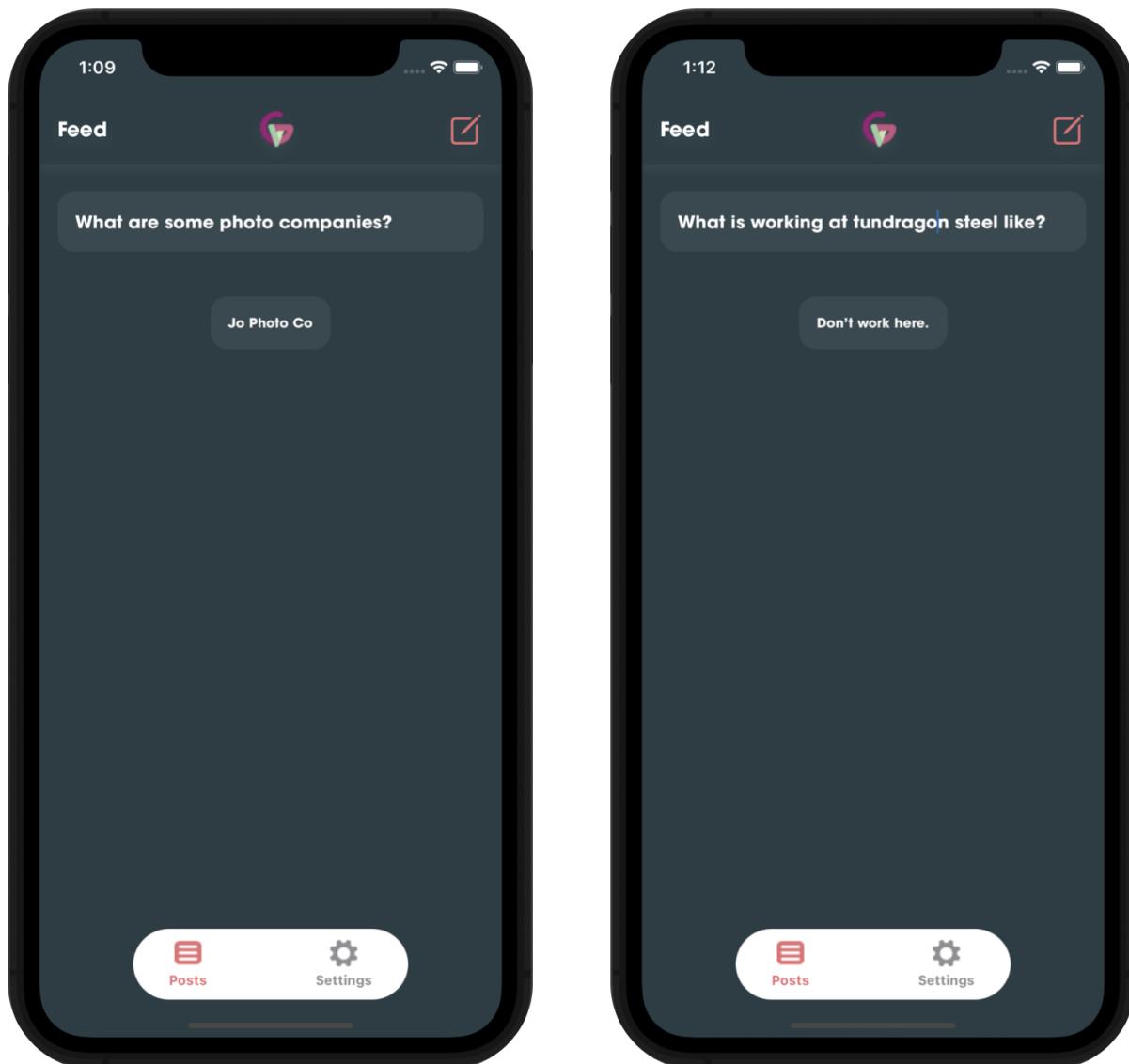
On the user feed page, a search bar will be there to allow users to customize and filter their feed to what they type in as keywords. When typing in the search bar, posts that either contain or match usernames with what is typed, will show up. These posts will show completely, and the user can still click on the user to go to their profile.



Though the poster's bio might not contain their external account info, using the search function for street or city names is a great way to find posts in your area.

Cont. From Entering Search Term/Question

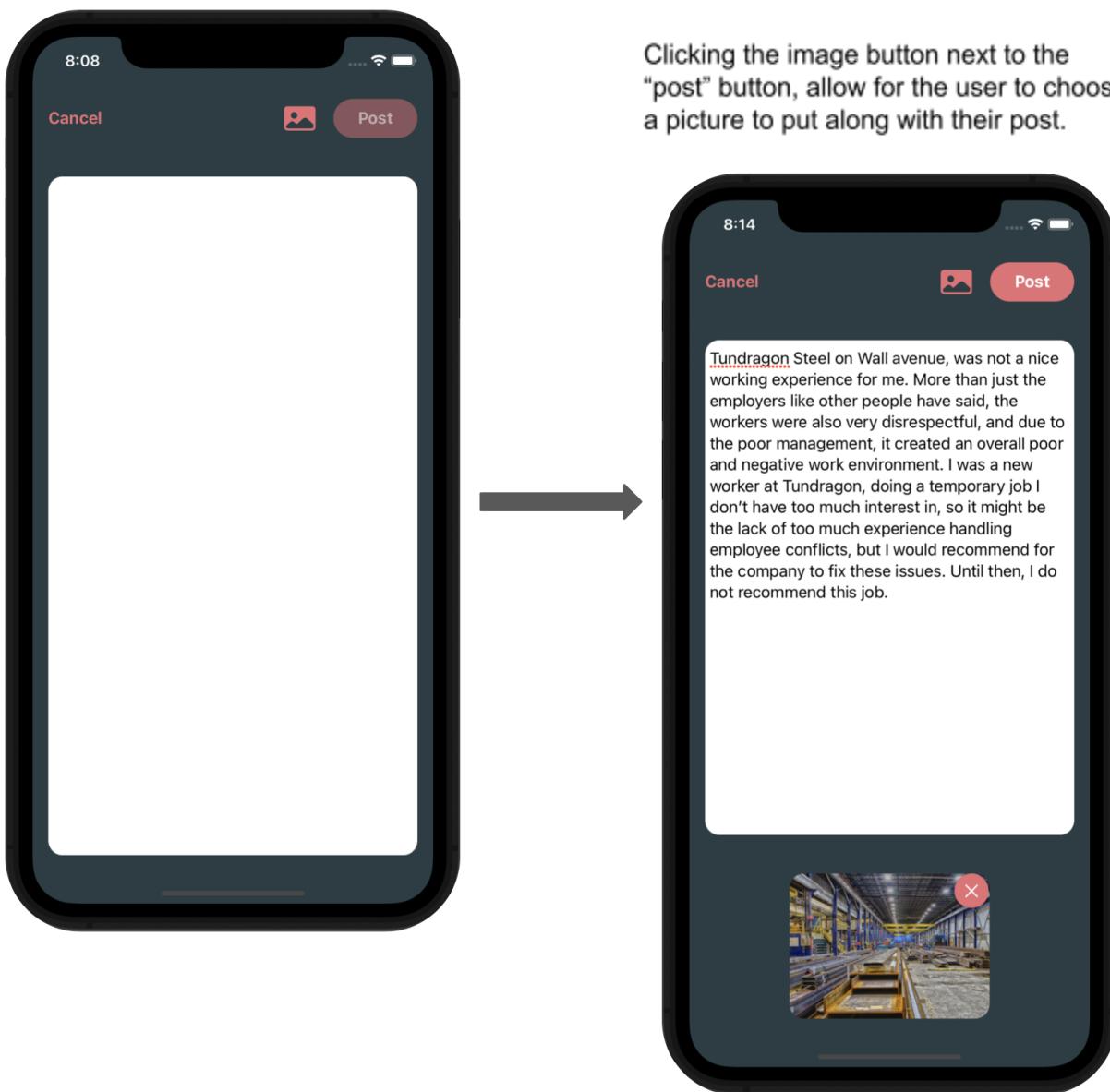
The QAAI system allows for users to type phrases into the search bar to get results based on posts matching related content, if specifics aren't known. The way to access the QAAI question search, is to leave a question mark at the end of the phrase.



Making a Post

Once users have signed up and read example posts on how to share their experience through Grapevine, they will be able to make their own posts by clicking the  symbol on the top right corner of their user feed screen. A big white text box will appear, to allow for you to start typing.

When typing out a post, make sure to include why you feel a certain way about your experience, and how it might be different for others. Stay respectful, but be as helpful as possible.



Deleting and Editing a Post

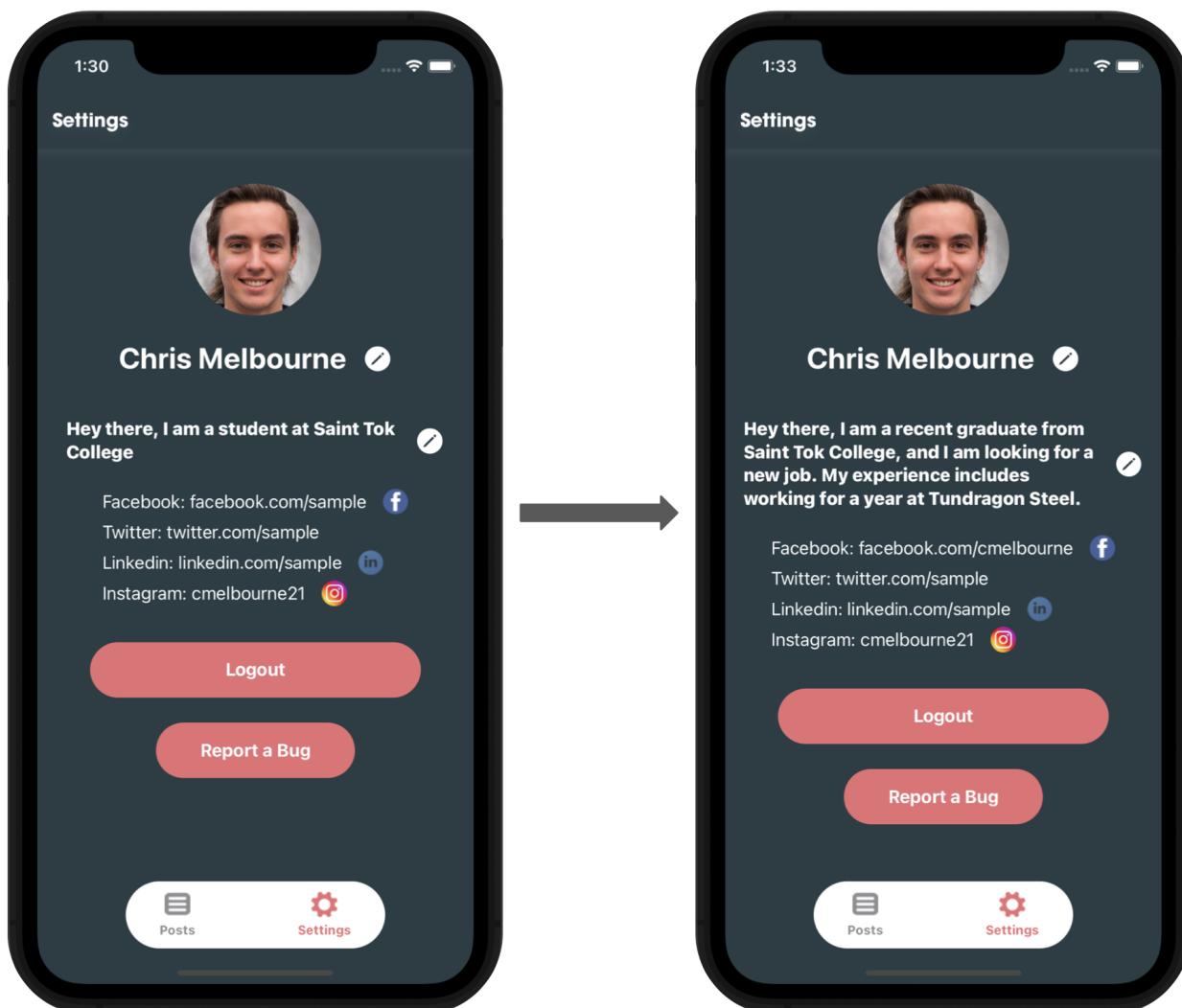
If a user needs to update or redo a post, they can click their post on their feed or through the search function for their name, and they can click the circled 3 dots, and then select edit. A prompt will pop up, and users can re-type their posts.

If a user for any reason would like to delete a post, they can delete it by selecting the circled 3 dots on their post, and then select delete. Their post will automatically disappear. Please be careful with this function, as it cannot be done.



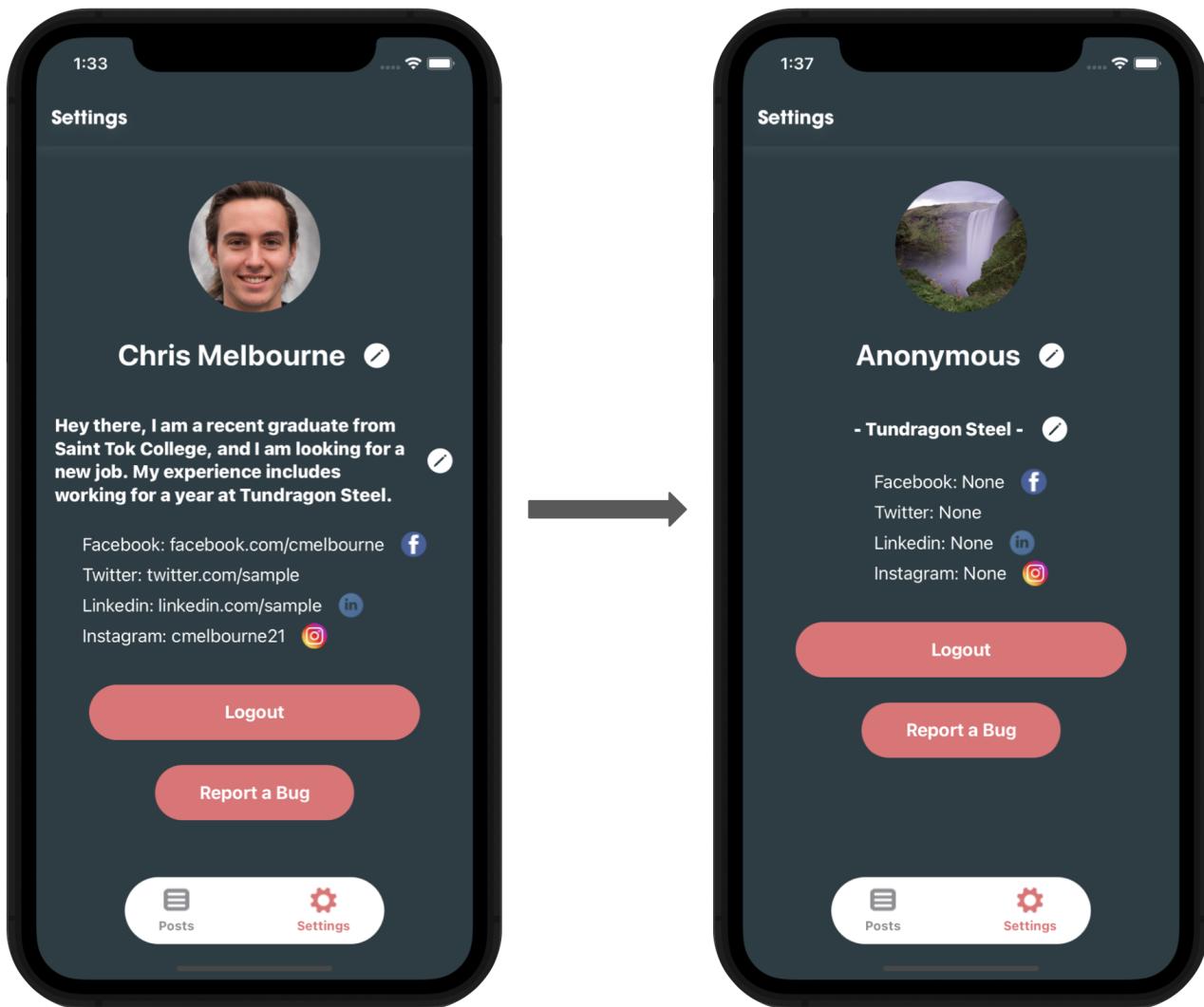
Settings Tab

The settings tab can be located at the bottom of the app's screen next to the originally selected “posts” tab. Both pages can be switched to and from each other. The settings tab contains all of the user’s bio information that will be displayed to other users who visit the account from a post. Users can edit their account links, their names/bio, send a bug report, and they can log out from the app, taking them back to the login/signup page.



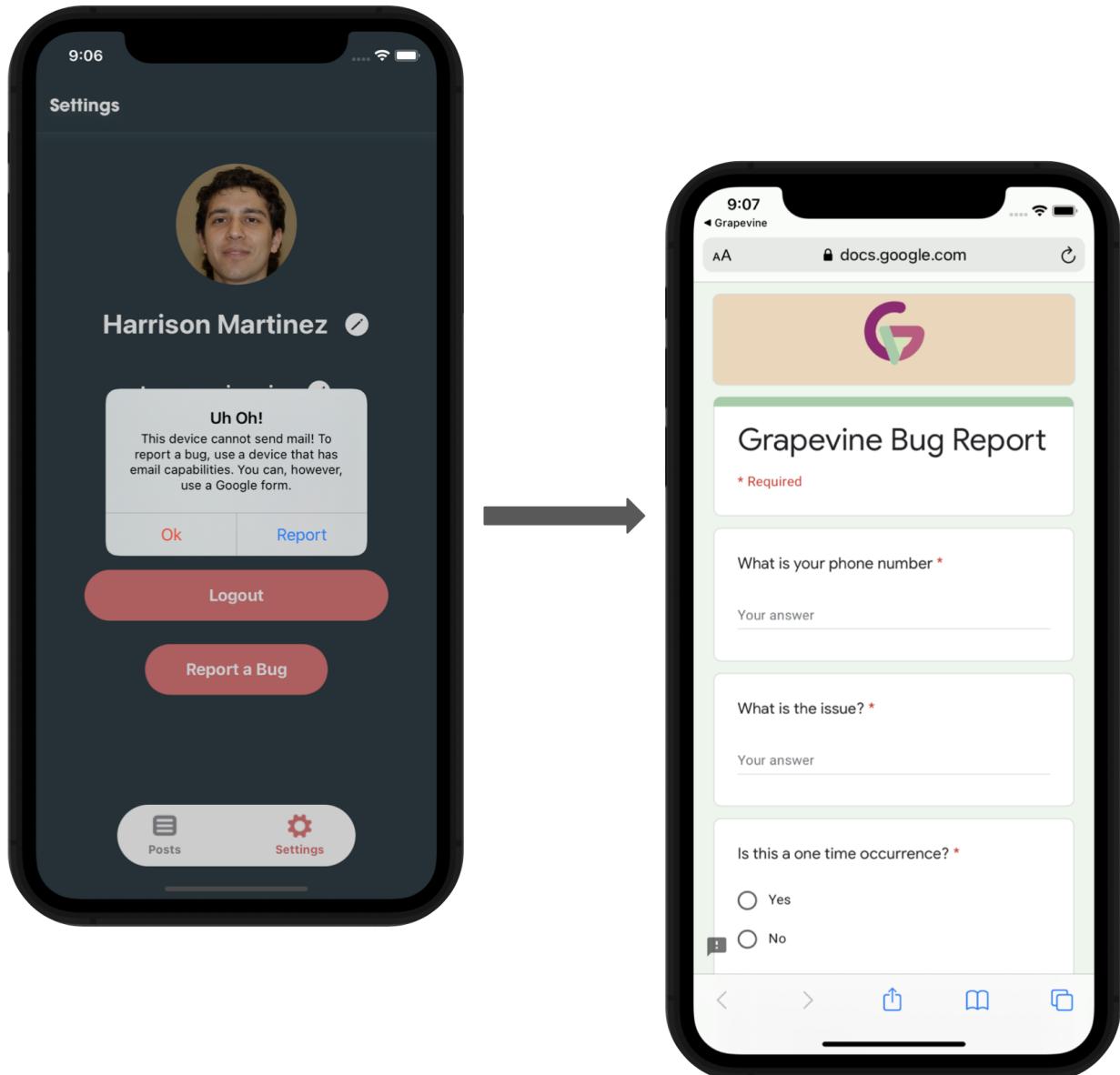
Cont. From Settings Tab

If a user would like to stay anonymous in their posts, they can simply just change their photo and name to “anonymous”, and delete all external account information, to avoid any further contact.



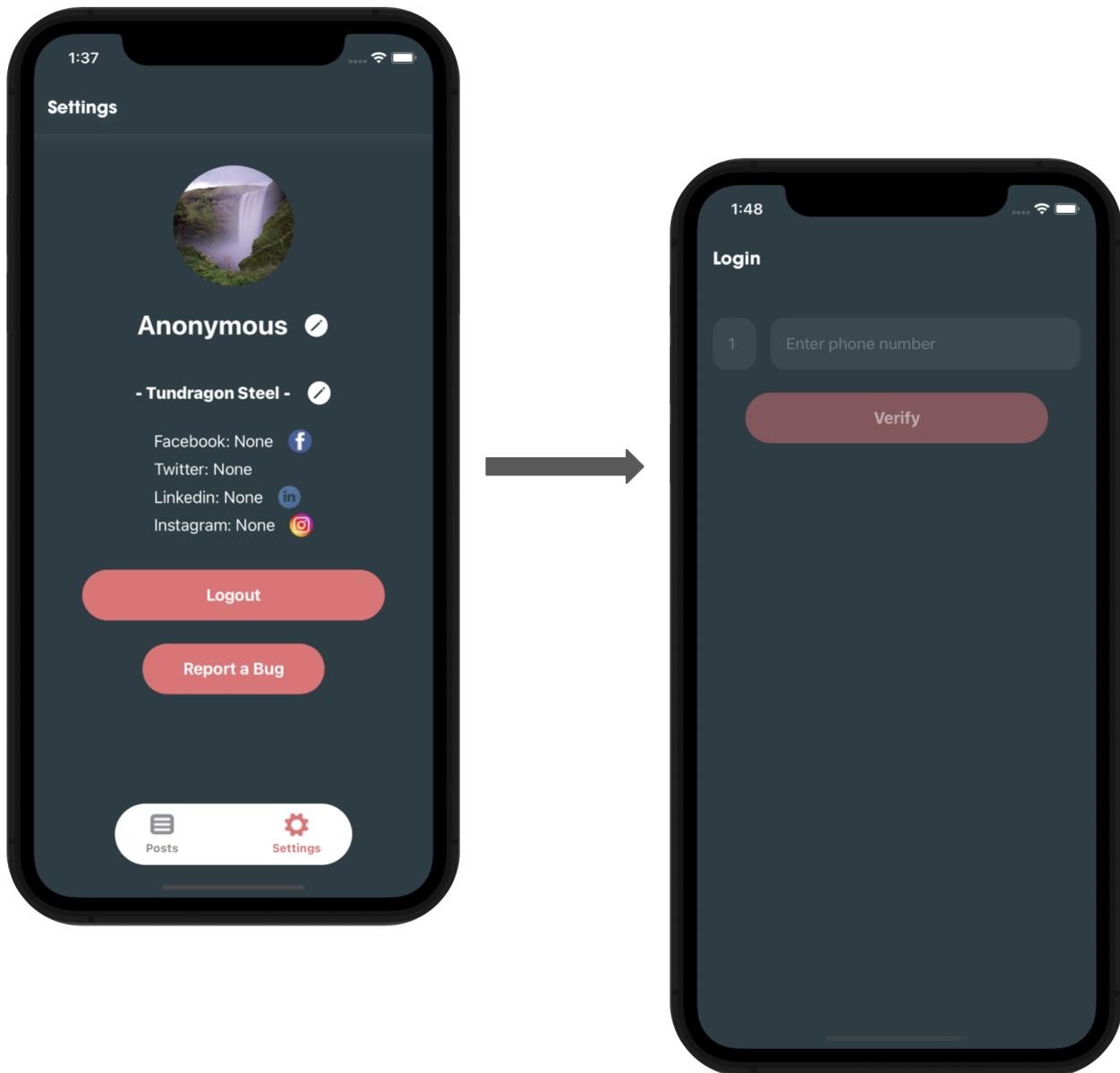
Reporting a Bug

If a user runs into a problem based on the application and its functions that are listed above, they can report the bug using the “Report a Bug” red button on the settings tab. If the Gmail app is downloaded on the device, Grapevine will take them to a sample email with the GrapevineFBLA@gmail.com address that users can edit, to send the team the report. If Gmail isn’t downloaded, the app will lead users to a google form to report the bugs.



Logging Out

When a user either wants to create a new account or log out to allow a different login, they can go to the settings tab and select the red “Log Out” button, to sign out of their account. This will redirect them to the original Login/Signup page from startup.



If there are any doubts or questions,
email us at GrapevineFBLA2021@gmail.com

Thank you,
Team @ Grapevine