



Na He Jeon, Jailene Miranda, Sanura N'Jaka, Paulina Reyes

CS 194H

Final App README

Link to Prototype: <https://betas.to/RyAaq6rD>

We built **TellUs** to be executed on an Android running Lollipop. The paddings and margins work a bit differently across platforms, but we built it optimized for Nexus 6.

To open **TellUs** on mobile:

- 1) Go to this link: <https://betas.to/RyAaq6rD>
- 2) Enter your email address to confirm access
- 3) Download the Beta by Crashlytics app
- 3) In the Beta by Crashlytics app, download our **TellUs** app

How to Use the Prototype

Login:

When first opened, the app presents a login screen. To go through the experience of a student, enter username: **nahe** and password: **nahej**, and for the teacher experience, enter username: **jailene** and password: **jailenem**.

Implemented Tasks:

- 1) Submit how you are feeling

After choosing a class, press "How are you feeling today?" on the dashboard, which prompts you to an emoji screen. Choose an emoji, and press "Next." There, you can fill in details about your feelings today to be viewed by the teacher or students. After that, press "Submit."

2) Data Breakdown

(Teacher-only feature) After you have submitted your own emoji, you go back to the dashboard and press "Data Breakdown." You will see a pie chart, where each pie is pressable. Press the "sick" emoji, and you will see a popup that shows the list of students who submitted a sick emoji.

3) Student Alerts

(Teacher-only feature) On the dashboard, there is a "Student Alerts" button. If you press it, you are taken to a page that displays students who the backend algorithm has determined needs your special attention. On each student's profile, there is a messaging button which you can click to reach out to the student individually.

Additional Information/Features

We implemented a back-end using Firebase. Also, the student's emoji history is viewable through a calendar view.

Limitations

We did not get to implement everything that was supposed to interact with the database. While we did have some things in the database, such as users and photos, we did not have the time to make sure *everything* in the app that should have collaborated with the database was doing so. Also, the graph is an actual interactive graph now, but it currently shows hard-coded percentages/submissions. Likewise, the algorithm for the "Student Alerts" tab is also from hard-coded data.