



**Understand your students.  
Appreciate your teachers.  
Learn like never before.**

**EDUCONNECT**



## **Problem:**

How to effectively build positive student-teacher relationships

## **Solution:**

An application that collects data on how a teacher and his/her students are feeling to suggest activities that help tailor the classroom experience

## **Value Proposition**

Understand, connect, and engage with your students

# Tasks (Original)



Invite students to share how they're feeling when class starts (simple)

Collect feedback from teachers and students (simple)

Synthesize feedback from students in order to tailor the classroom experience accordingly (medium)

Identify outliers in the class who might need extra attention (complex)

# Tasks (Student)



Share how you are  
feeling at the  
beginning of class  
(simple)

Request extra  
attention from  
teacher if needed  
(complex)

# Tasks (Teacher)



Share how you are  
feeling at the  
beginning of class  
(simple)

Analyze the synthesized  
data of student feedback  
to tailor the classroom  
experience  
(medium)

Receive and  
respond to requests  
for extra  
attention/help  
(complex)

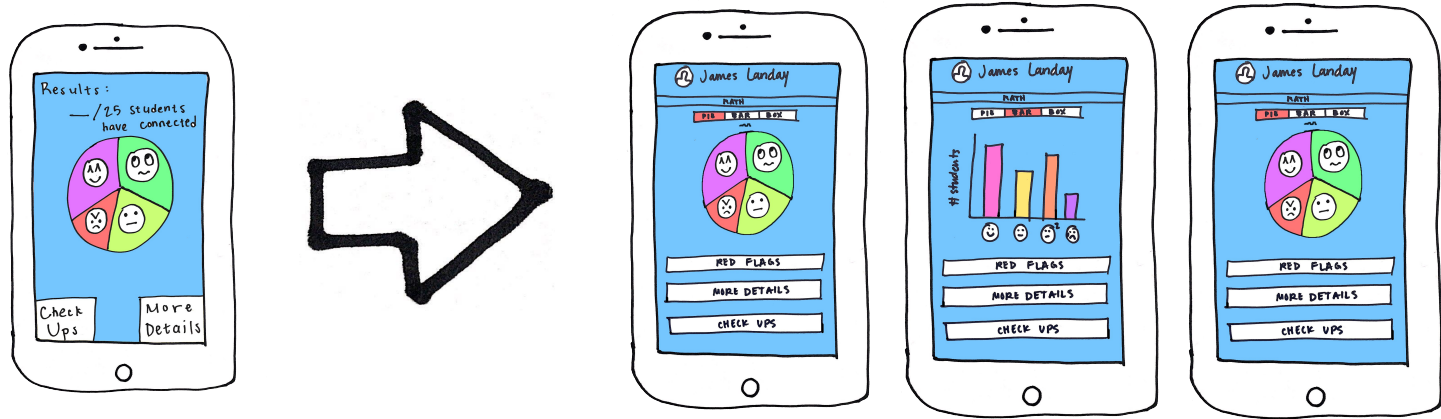


# Revised Interface Design

# Change #1



Different options for teacher to display class emotions



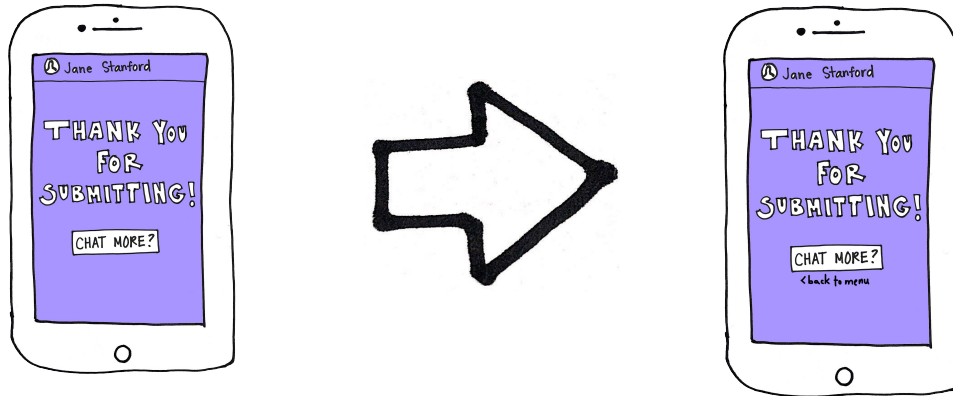
Rationale:

One of the teachers that we tested our low-fi prototype on suggested that there be different ways to view the data. We thought this would be a nice addition because it would make the app be more customizable and therefore comfortable for teachers.

# Change #2



Menu/Home button for both students and teacher



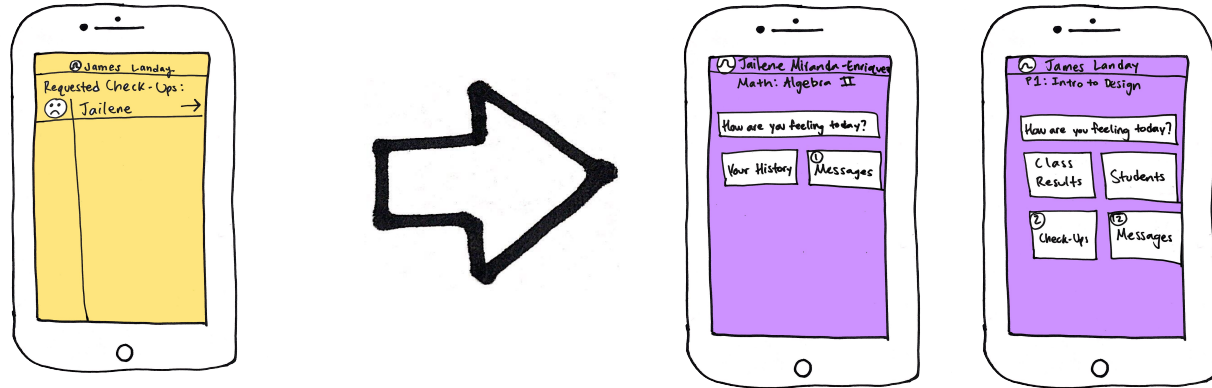
Rationale:

After our participants submitted their emoji responses, they were confused on what to do next. We noticed that there is no way for the students or the teacher to get back to their home/courses screen. We felt that this was a very necessary navigation tool in the app.

# Change #3



## Messaging system between teacher and their students



Rationale:

We would like for the teacher to have a way to, at least, notify a student requesting a check-up that their check-up was seen. Using the messaging system, the teacher could let the student know when they can talk. We thought this would be an extending factor in helping to foster the student-teacher connection that our app to designed to create.



# Medium-Fi Prototype Task Flows



# Student Tasks

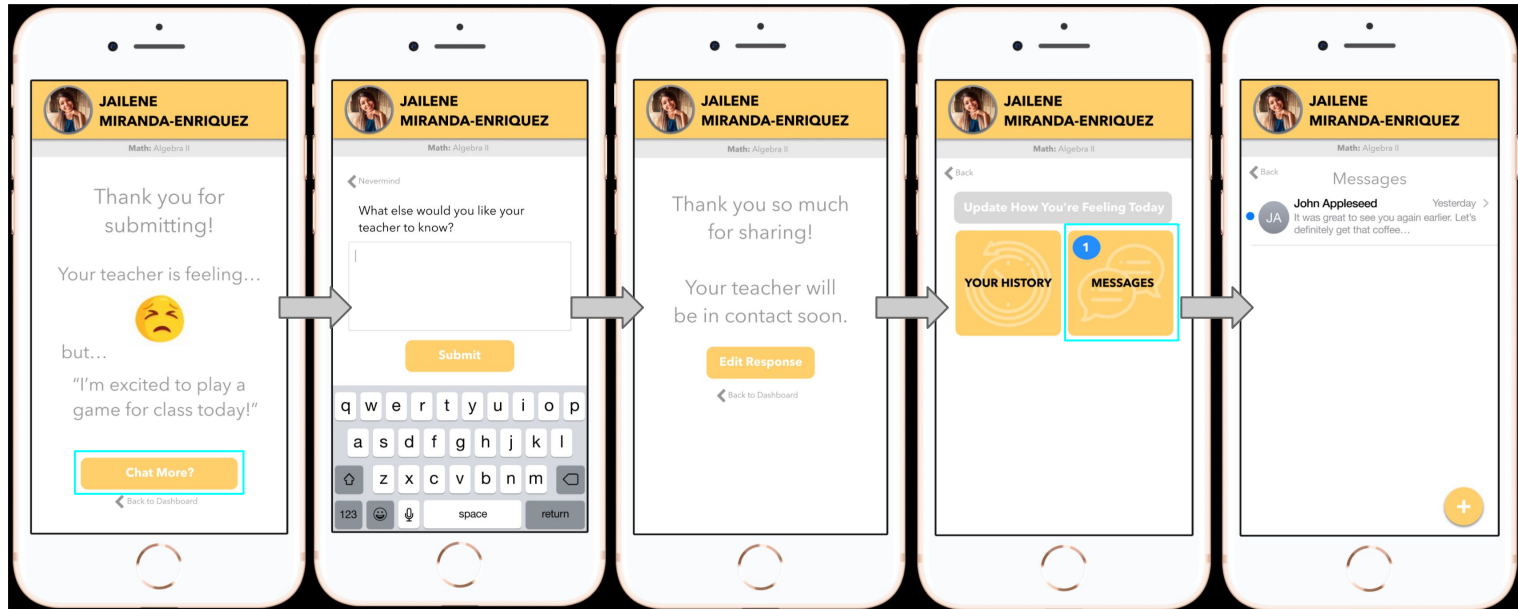
Share how you are feeling at the beginning of class (simple)





# Student Tasks

Request extra attention from teacher if needed (complex)



# Teacher Tasks



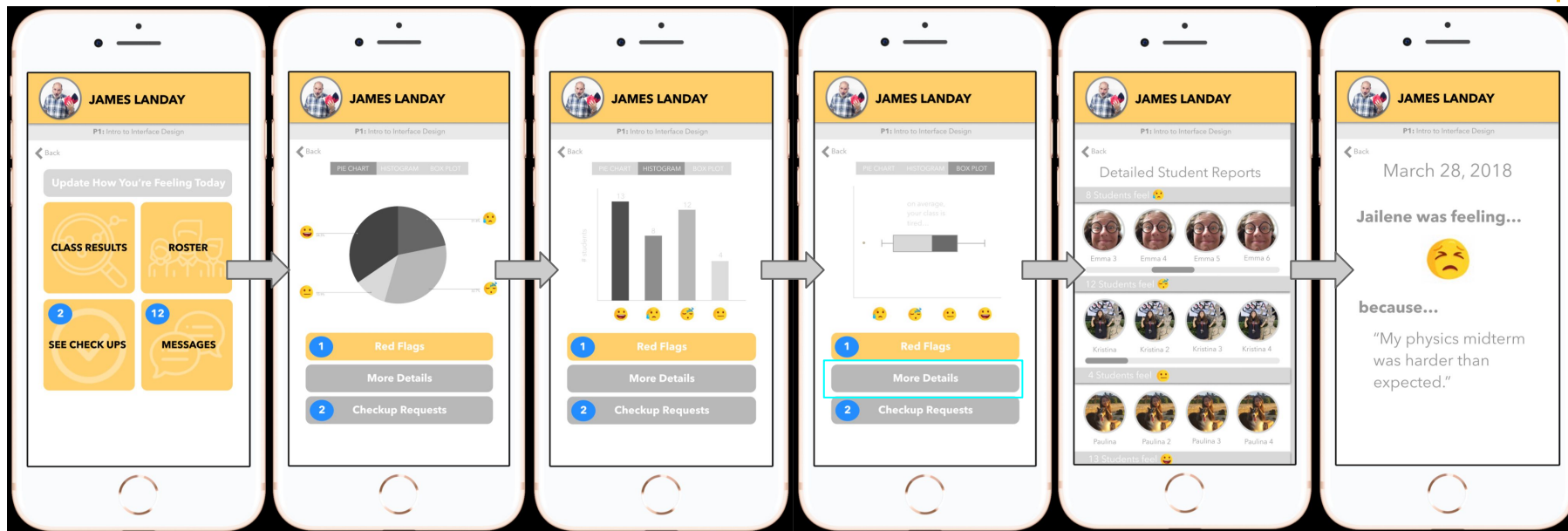
Share how you are feeling at the beginning of class (simple)



# Teacher Tasks



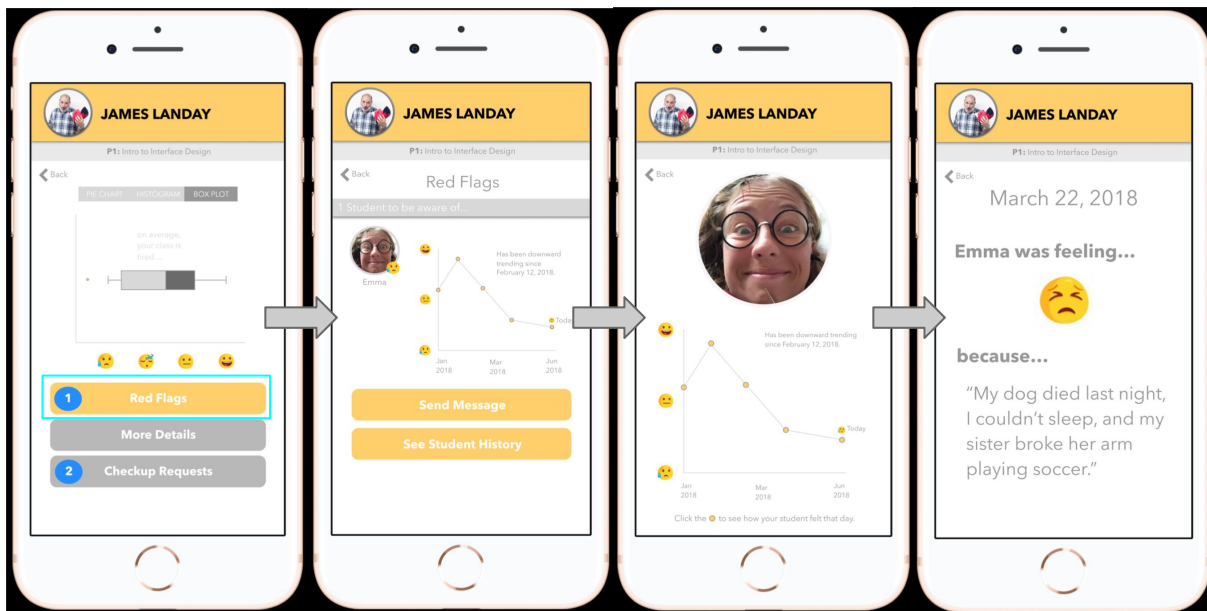
Analyze the synthesized data of student feedback to tailor the classroom experience (medium)



# Teacher Tasks



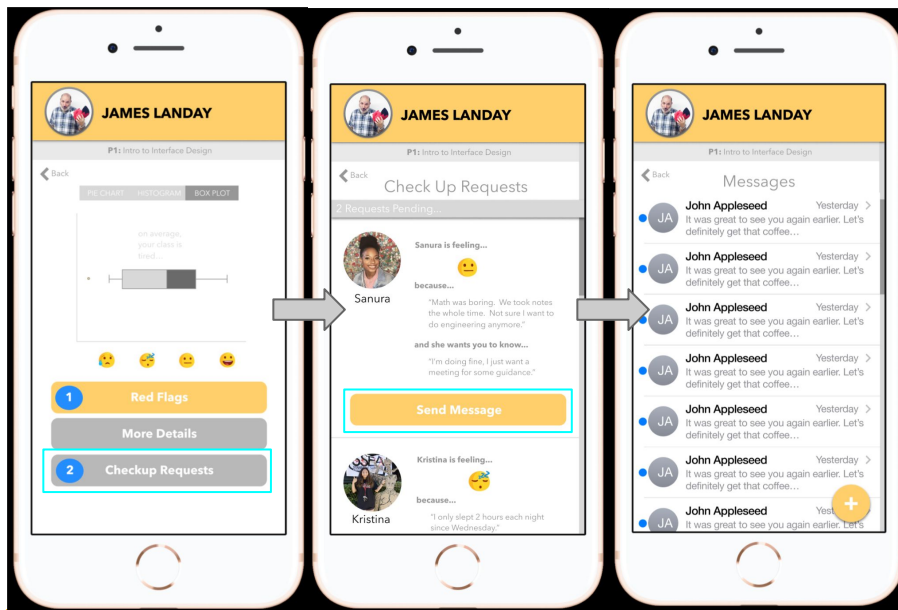
Receive and respond to requests for extra attention/help (complex)



# Teacher Tasks

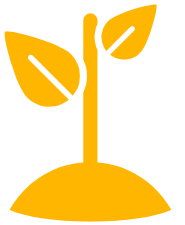


(Pt. 2) Receive and respond to requests for extra attention/help (complex)





# Prototype Overview



# Prototyping Tool

- Figma and Sketch
- Sketch was helpful to create the individual screens with more customizable tools than what were available on Figma
- Figma was helpful to link the screens together through “buttons” to look like a functioning mobile app prototype
- Figma did have a bit of a learning curve



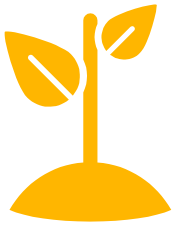
# Limitations/Tradeoffs

- There is no actual data collection or synthesis going on
- The synthesized data displayed is simply a visual created through Sketch not representing any actual data



# Wizard of Oz Techniques

- The box plot is already generated and does not use any data synthesis
- The historical data of each student does not come from actual data but is displayed a representative visual



# Hard-Coded Features

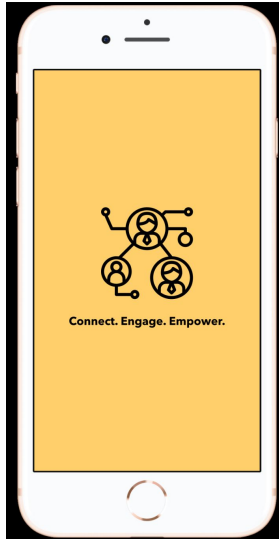
- The answers to the prompts are hard-coded to show how this data would be displayed to the teacher/student if the information were actually gathered



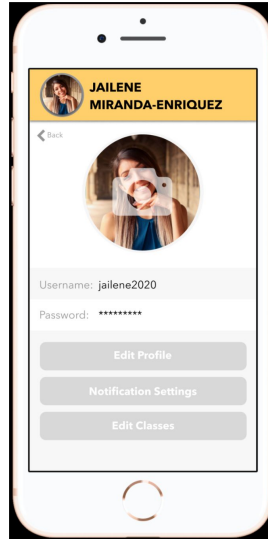
# Additional Prototype Screenshots



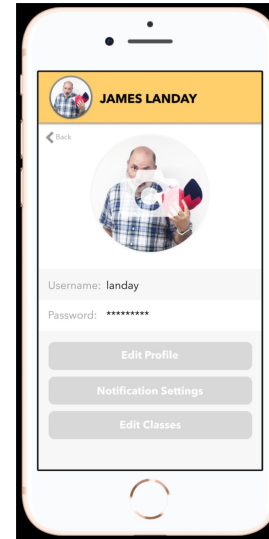
# Additional Screenshots



Start Screen



Profile Page



Profile Page



# Thanks!

Any questions?