Speak↑
Low-Fi Prototype

Transforming real-time education data into insights for students and teachers

Bradley Reyes, Nick Akiona, Reid Watson, Karen Gomez
Overview

- Team Mission Statement
- Representative Tasks
- Lo-Fi Prototype Structure
- Testing
- Results
- Suggested Changes
Team Mission Statement

SpeakUp will facilitate communication between the instructor and students in lectures with over 50 participants. Students will be able to submit honest feedback, and lecturers will be able to see granular data about student understanding of lecture content.
Representative Tasks

- Ask
- Answer
- Feedback
Scenario 0: Sign Up
Scenario 1: Ask

- **Scenario 1:** Ask

1. **Ask**: Please describe low-fi prototyping in greater detail.
2. **Ask**: What does blue signify?
3. **Ask**: What is a concept video?
4. **Ask**: How many people do we interview?
Scenario 2: Answer

SWIPE
Scenario 3: Feedback

Answer
What type of prototyping involves paper?
A Low-fi
B Mid-fi
C Hi-fi
D Wi-fi

Feedback
Clarity
Pace
Give Feedback
SUBMIT →
Experimental Method
Results

- Never upvoted already existing question
- Ask and feedback hard to distinguish
- “Do I type it here?” - Participant 3
Results

- Swipe = Bad!
- “I just didn’t know it existed” - P3
- “I know that the instructor can ask us questions, but where can we go to answer those?” - P1
- Feedback Difference
Results

- \( \frac{2}{3} \) of participants scrolled instead of searched
Suggested UI Changes

1. Change the swipe

2. Make the slider clearer, but don’t get rid of it

3. Find better way to find already asked questions

4. Search should go straight to search bar

5. Distinguish between ask and feedback
Summary

- Solidified Mission Statement
- Ask, Answer, Feedback!
- Wrote a script
- Created a lo-fi prototype
- Tested
- Tweaked