# Speak↑ Low-Fi Prototype

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

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## **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

Ask Popular MPlease describe low- fi prototyping in groter detail	Answer What type of protopping involves paper?	FeedBack Clarity
signify? 397 What is a concept video? One How move poorly Asks	A Low-Fi B Mid-Fi C Hi-Fi D Wi-Fi	Pace Give Feedback
		SUBMET-7]

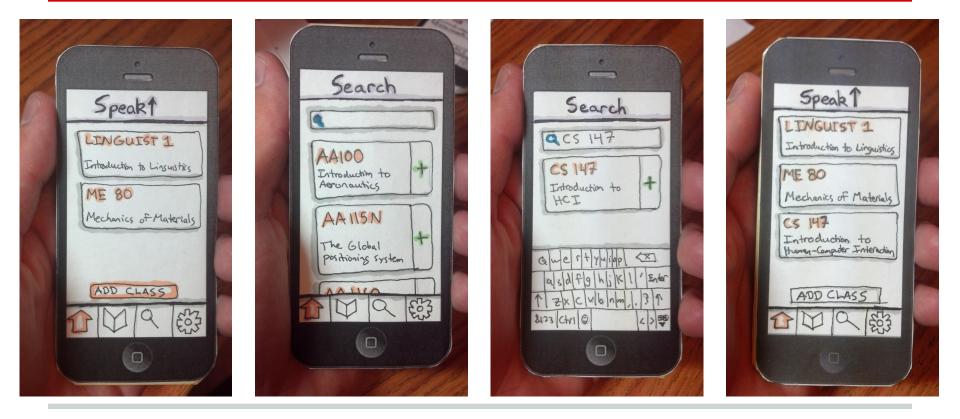
## **Lo-Fi Prototype Structure**



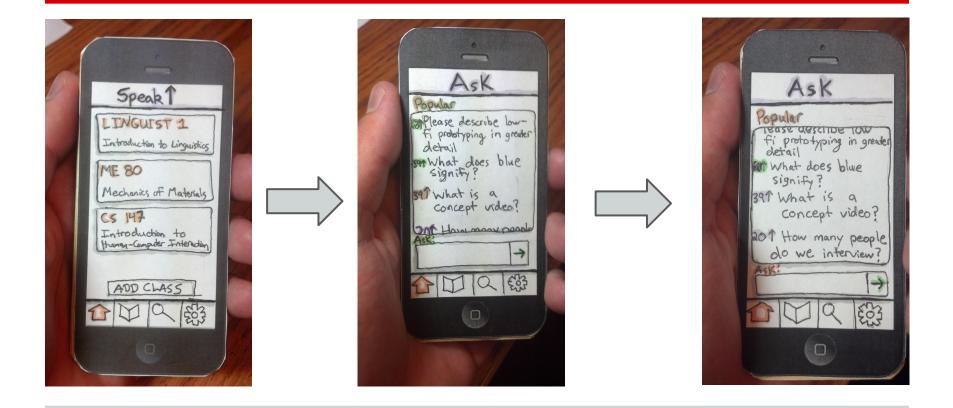




## Scenario 0: Sign Up



## Scenario 1: Ask



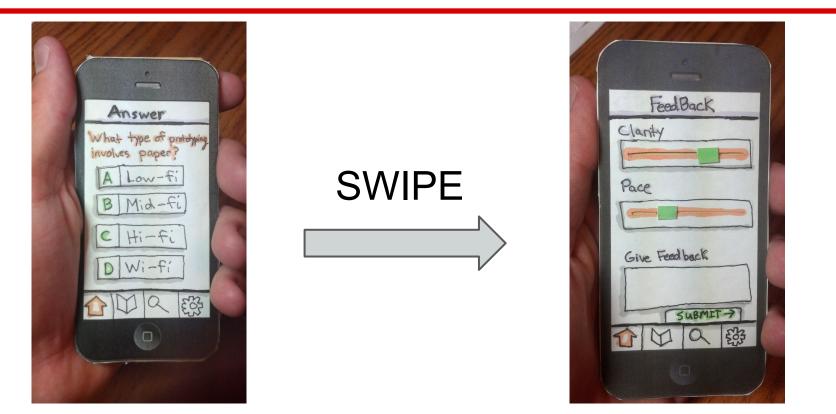
## **Scenario 2: Answer**



#### SWIPE



## **Scenario 3: Feedback**



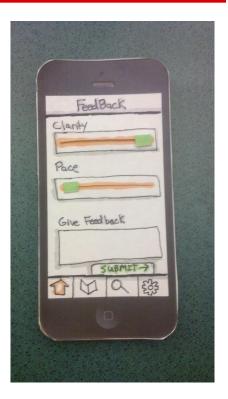
## **Experimental Method**



## Results

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

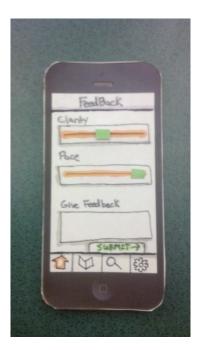
Ask ease describe lowprototyping in greater What does blue signify ? what is a concept video? Have many poor



## 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

• <sup>2</sup>/<sub>3</sub> 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



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