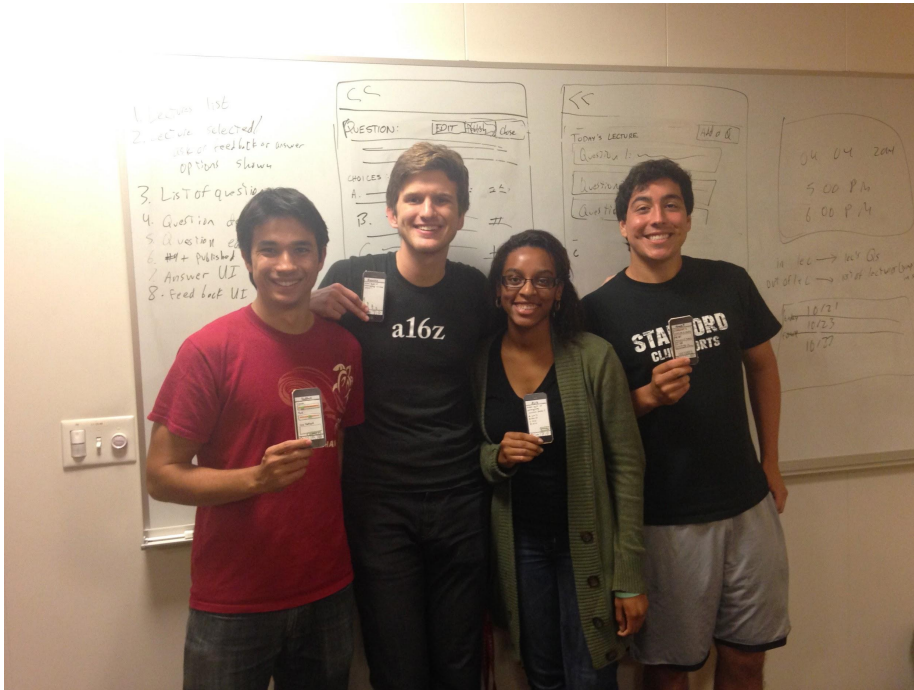

Speak[↑]

Hi-fi Prototype

Nick Akiona, Karen Gomez, Bradley
Reyes, Reid Watson

Team / Value Proposition



“Speak↑ enables open communication between students and instructors of large lectures.”

Problem / Solution

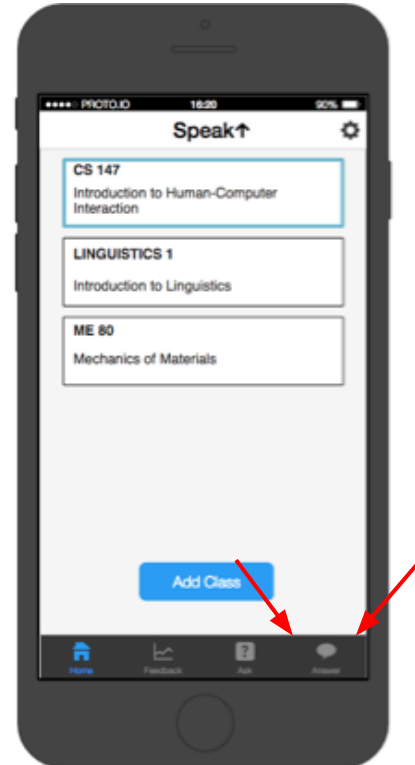


Talk Overview

- Introduction
 - Heuristic Evaluation Results
 - Revised Design
 - Revised Prototype
 - Tools Used
 - Feature Status
 - Wizard of Oz / Hardcoded Data
 - Remaining Issues
 - Live Demo
-

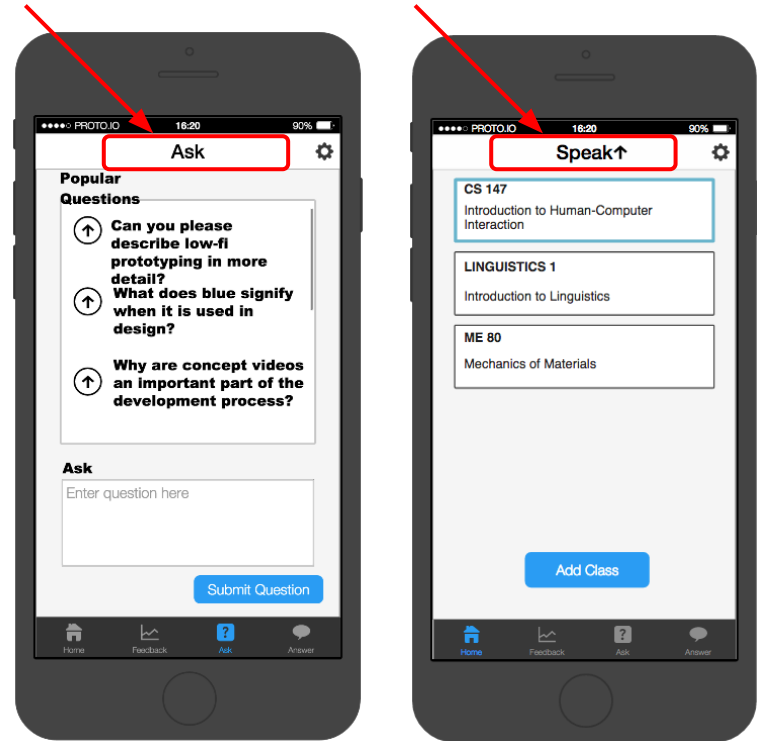
Heuristic Evaluation Results (1)

There's currently no notification of questions (sev. 4)



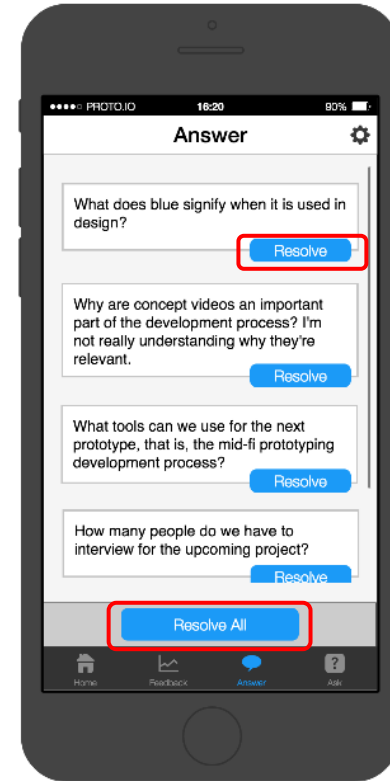
Heuristic Evaluation Results (2)

- Page titles / header
 - Selected class isn't shown (sev. 3)
 - Add class page had no title (sev. 3)
 - Class list page title isn't informative (sev. 3)



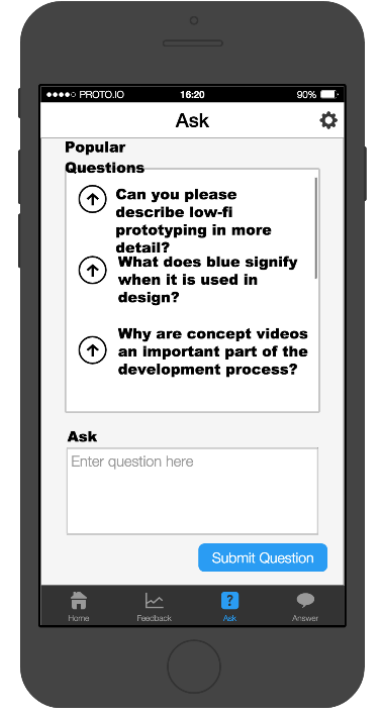
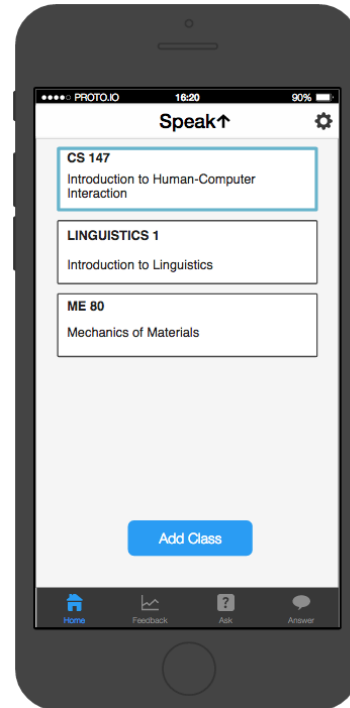
Heuristic Evaluation Results (3)

- Error prevention / recovery
 - No way to recover from accidental resolve (sev. 3)
 - No confirmation before resolve all takes effect (sev. 3)



Heuristic Evaluation Results (4)

- Removal / edits
 - Can't remove a class you signed up for (sev. 3)
 - Can't remove/edit a question which has been asked (sev. 3)



Revised Design (1)

Speakup!

Pace

13 Too Slow Too Fast

Clarity

51

Additional Feedback

I wish you wouldn't spend so much time talking about your dog.

Submit

Home Feedback Ask Answer

- We're now building a mobile app
- Pictured layout, colors, and icons are a work in progress

Revised Design (2)

- Buttons to remove unwanted content
- Modal confirmation dialogues for important actions
- Many, many more

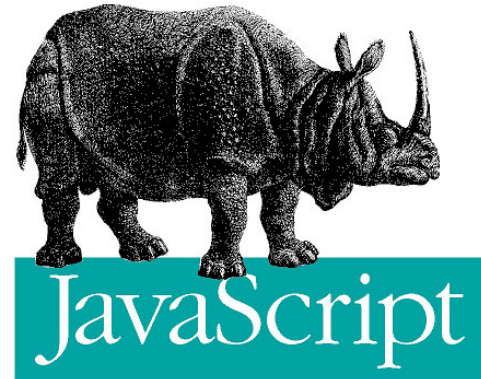


Revised Design (3)

Should we notify students when a question has been asked?

Instructor answers may differ.

Hi-Fi: Tools Used



Hi-Fi: Implemented Features

- Development environment
 - Basic UI setup and page structure
 - Skeleton of feedback section
 - Backend work in progress
-

Hi-Fi: Unimplemented Features

- Asking a question for the instructor to answer
 - Answering a “clicker question” posed by the lecturer
 - Finalizing layout, colors, icons
 - Connecting backend / frontend
 - Creating and inputting sample data about lectures
-

Hi-Fi: Wizard of Oz

As of now, we're planning to handle all interactions with the lecturer through Wizard of Oz techniques.



Hi-Fi: Hard-Coded Data

- All course data will be hardcoded:
 - Course numbers and titles
 - Lecture times
 - Lecture occurrences
 - Most input from the lecturer (clicker questions) will be hardcoded
-

Hi-Fi: Remaining Issues

- Translating into hi-fi platform design idioms
 - Packing / deployment as a native app
-

Live Demo

[Live demo](#)
