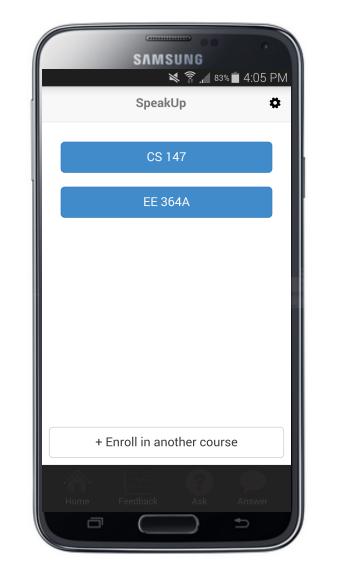


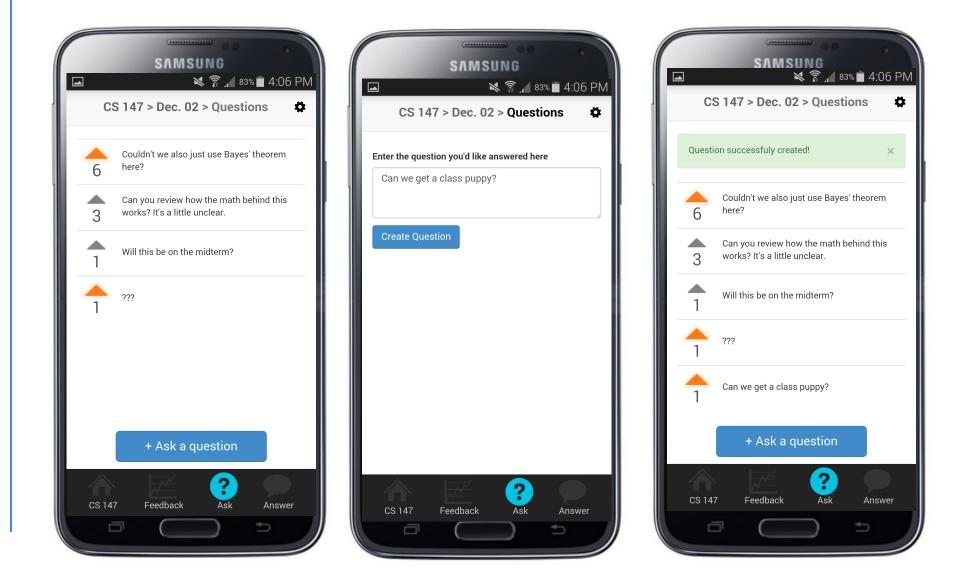
Problem: In large lectures, there is often no efficient way for students to give instructors feedback on their understanding of the material being presented.

Our Solution

Speak facilitates communication between the instructor and students by giving students the ability to

- Ask Questions
- Answer Questions
- Submit Feedback

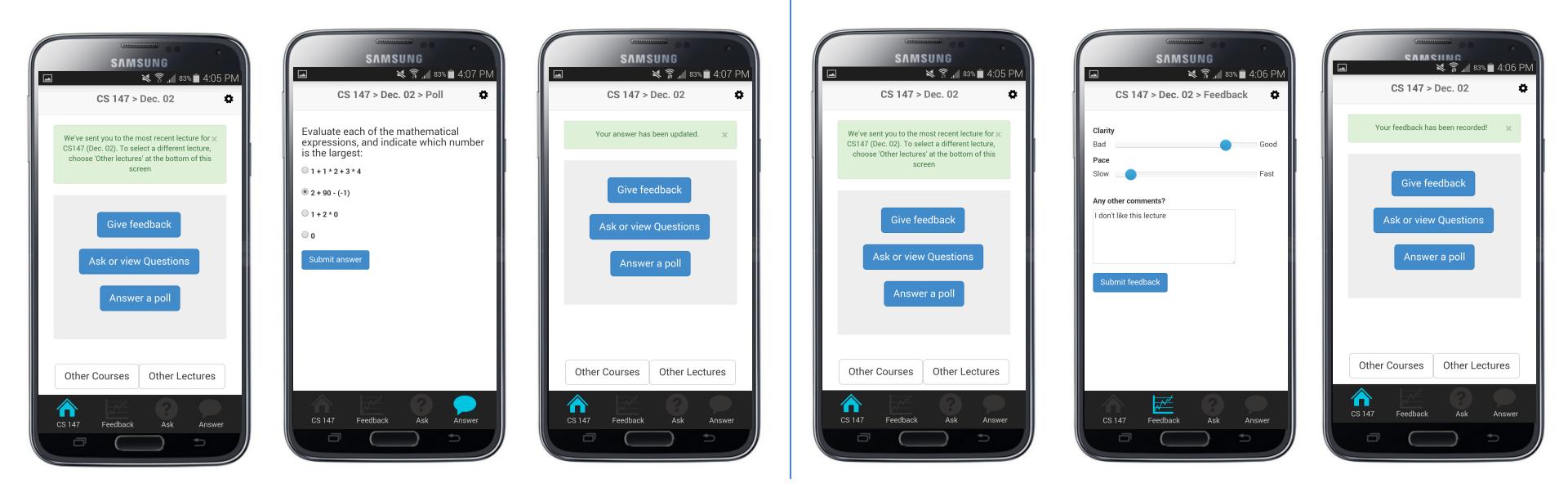




Ask

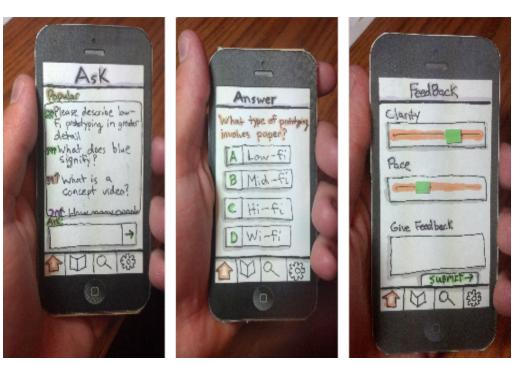
Answer

Feedback



Design Process

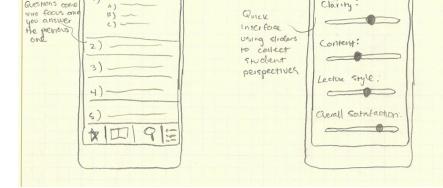
Solve a) f(b) f(c) f(BREAKS: The following: x^{+} : $x) = x^{3}$ $x) = \frac{1}{3}x^{7} + c$ $x) = 2x^{2} + c$ $x) = \frac{1}{3}x^{8}$ x^{2}	(Smarr phone App interface for students click to select the right answer	Score History 2 2 2 2 2 2 2 2 2 2 2 2 2
	F CLASS: Ent portion Short QUESTIONS	FEEOB ACK	Lecture Reviews



Low-Fidelity Prototype

	—	_
Feedback Ø	Ask O	Answer S
	Popular Questions	What type of
91	Constant of the second of	prototyping involves paper?
te flow Too Fast	detail? ↔ What does blue signify when it is used in design?	Lo-fi
inter additional commente here.	 Why are concept videos an important part of the development process? 	Mid-fi
	Ask	Hi-fi
	Enter question here	Wi-fi
Submit Feedback	Submit Question	
📅 🔛 📴 💌	Turne Facture A A Artese	tin 🗠 🖬 💄
\bigcirc		\bigcirc

Medium-Fidelity Prototype



Rough Sketches

SCENE 7: FEEDBACK Dialoque/Texts . THE SLIDES ON THE EVE DIDN'T FEEL RELEVANT I ENJOYED THE TAKEAWAYS ON HOW TO USE COLORS ... SPEND MORE TIME ON USE THAN THEORY. · STUDENTS SUDMITTING FEEDBACK ON GECTURE . TONE IS VERY POSITIVE



Storyboarding

User Testing

Nick Akiona, Karen Gomez, Bradley Reyes, Reid Watson. stanford.edu/class/cs147/projects/learning/speakup/