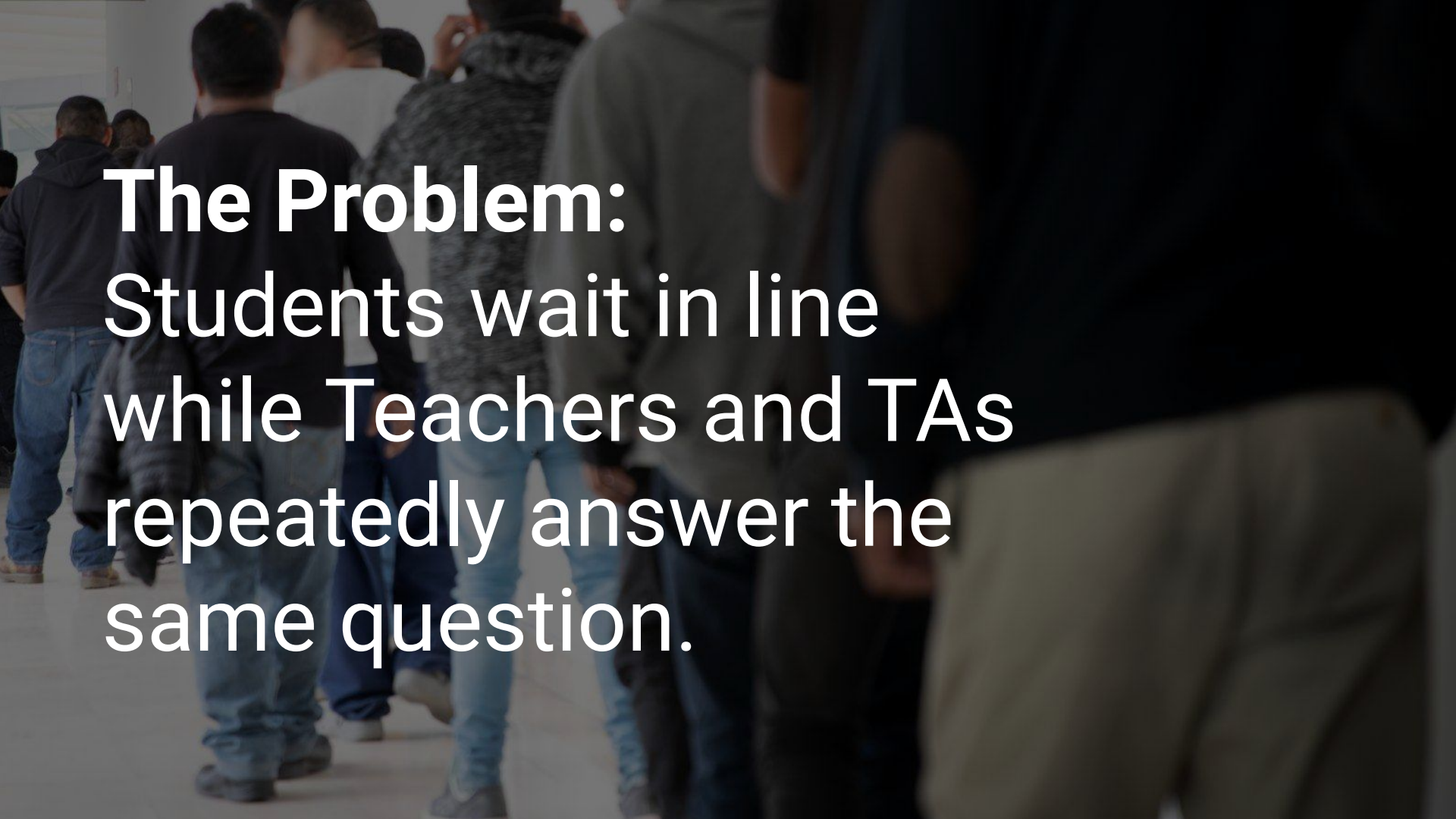


# SameQ

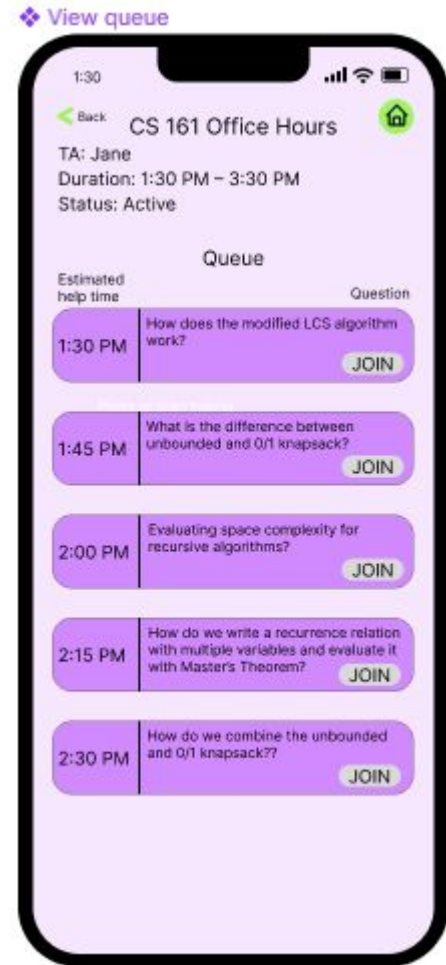
Questions paired, knowledge shared



**The Problem:**  
Students wait in line  
while Teachers and TAs  
repeatedly answer the  
same question.

# The Solution

Group together students with the same question and enable collaboration between them.



# Solution Values



## Efficiency

A scheduling tool ultimately needs to save people time—especially the time of overworked teachers and TAs.



## Approachability

Asking questions, especially publicly, can be hard. Our app should be accessible, intuitive to use, and invite users to engage with others on its platform.

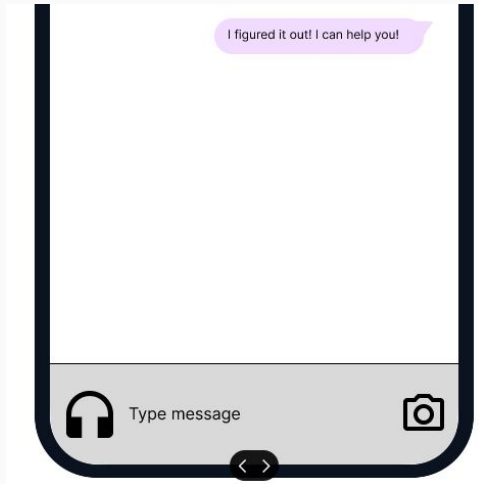
This is our primary goal.



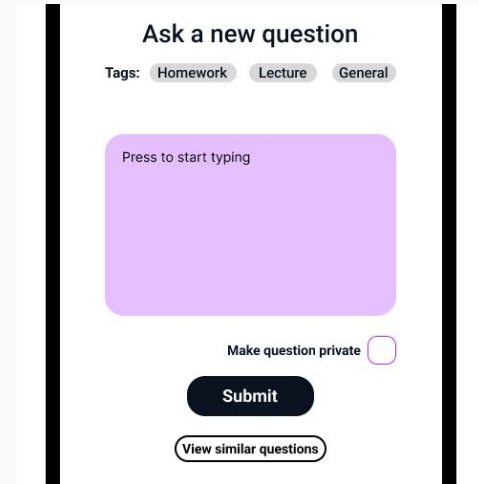
## Collaboration

A common thread all the way from our early interviews is that everyone benefits when students help each other. Collaborative features should be prominent and useful.

# Implementation: Approachability

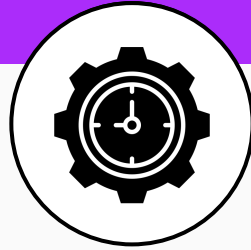


Invite casual collaboration and promote accessibility via audio chat



Give students a clear starting point:  
Asking a question

# Implementation: Efficiency



← Back CS 147 3

How to pick compatible font styles?

**Similar Questions**

3 Help Time: 2:45 PM 1  
Are Sans or Sans-Serif fonts more preferred?  
**Join with 3 others**

1 Help Time: 3:15 PM 0  
Answer to last Wednesday's exit ticket about Bauhaus school of design?  
**Join with 1 others**

**Submit my question anyway**

Prompt students with the same question to ask together

Queue

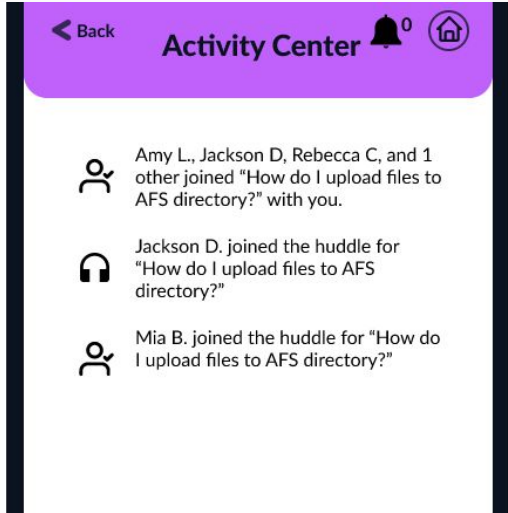
2 Help Time: 1:30 PM 0  
How should we prepare for the midterm?  
Will there be a midterm review?  
**Join with 2 others**

5 Help Time: 1:45 PM 2  
How do I upload files to AFS directory?  
**Join with 5 others**

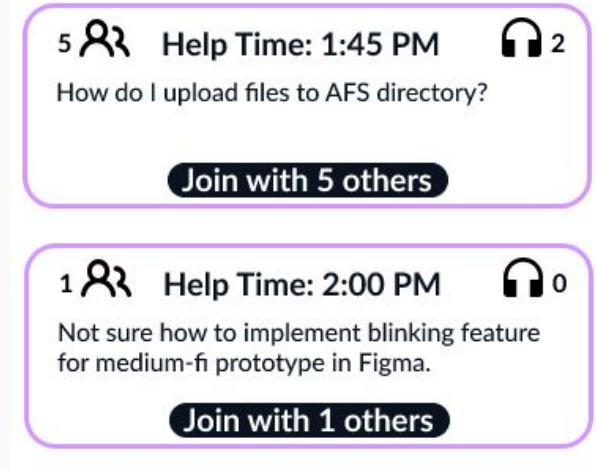
1 Help Time: 2:00 PM 0  
Not sure how to implement blinking feature for medium-fi prototype in Figma.  
**Join with 1 others**

Prominently display when your question will be answered

# Implementation: Collaboration



Promote awareness and ease of joining ongoing collaboration



Create "I can help" and "I'm curious about that too" moments

# Value Tensions

## **Approachability and Efficiency**

Power users want to jump right to where they want to go, but giving new users clear first steps makes their experience easier. To get the best of both worlds, we offer a clear default option with an easy “skip” available.

## **Collaboration and Efficiency**

Collaboration is frequently time-consuming. That’s why our goal isn’t to save students time, it is to make their time spent waiting more productive, and enable them to get answers to more questions via collaboration.



# Our Tasks

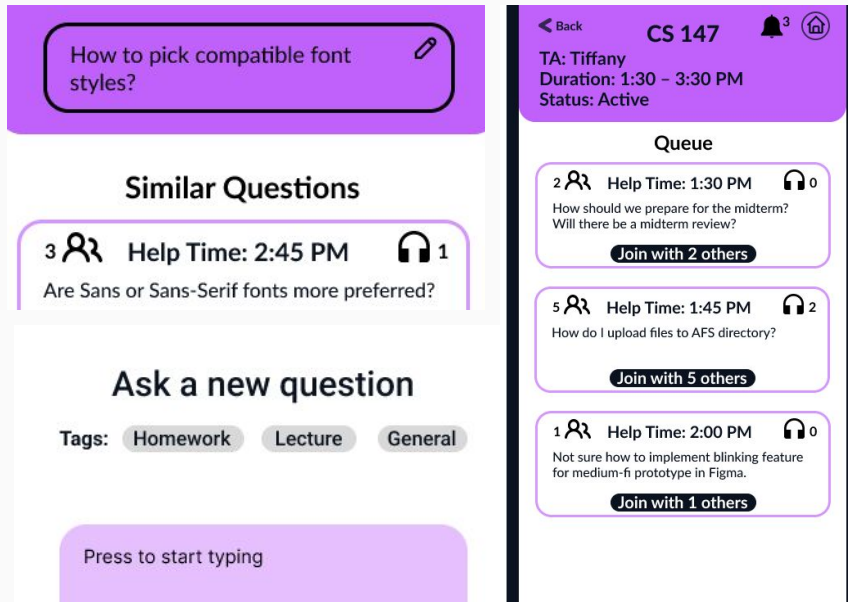
**Simple:** Join a question asked by a classmate.

**Moderate:** Create a question and join its huddle.

**Complex:** Send a picture to a huddle's chat.

# Usability Goal 1: Efficiency

## Metric: Time spent per task

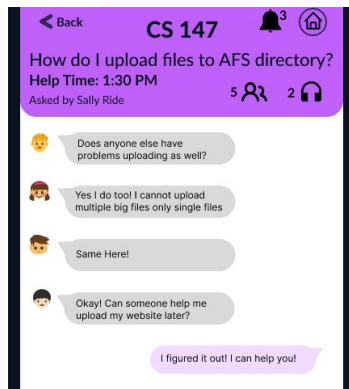
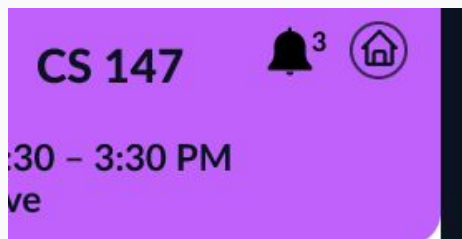
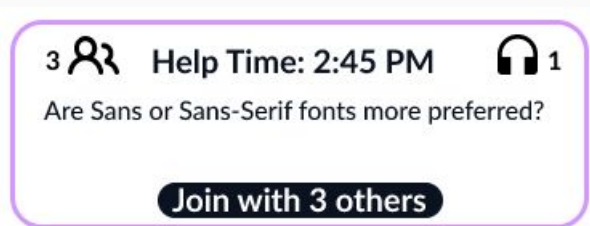


### Progress:

- Decluttered queue page (Major Change)
- Enabled you to tag your question and filter questions by tag
- Chat is now displayed on huddle page
- Allowed users to edit their questions on the similar questions page

# New Usability Goal 2: Invitingness

**Metric:** User comfort engaging with public question and collaboration features

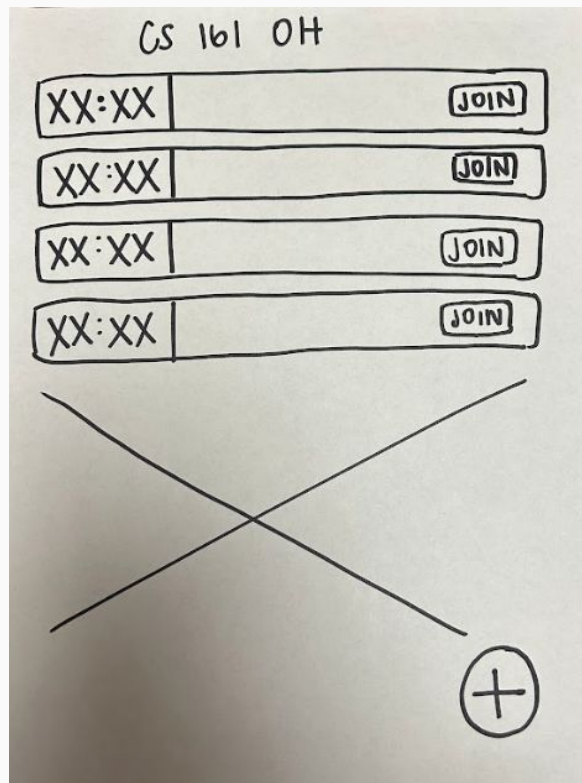
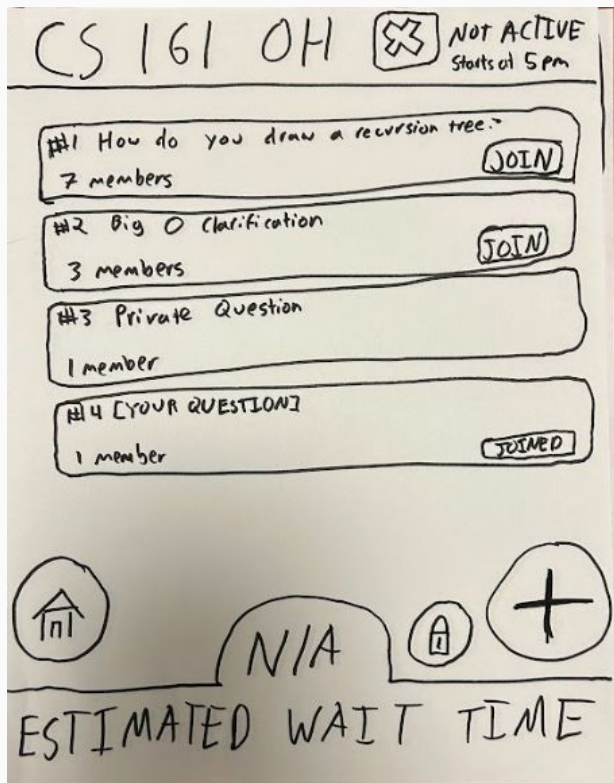


**Progress:**

- Display chat on question page (Major change)
- Prominently display how many have the same question
- Notify users when others are engaging in collaboration (Major change)

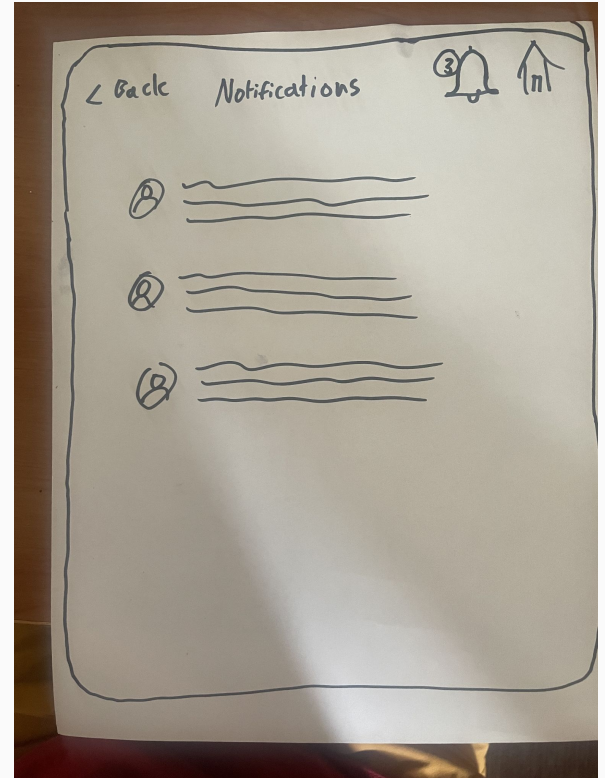
# Major Changes

# Change 1: Simplified Queue Page

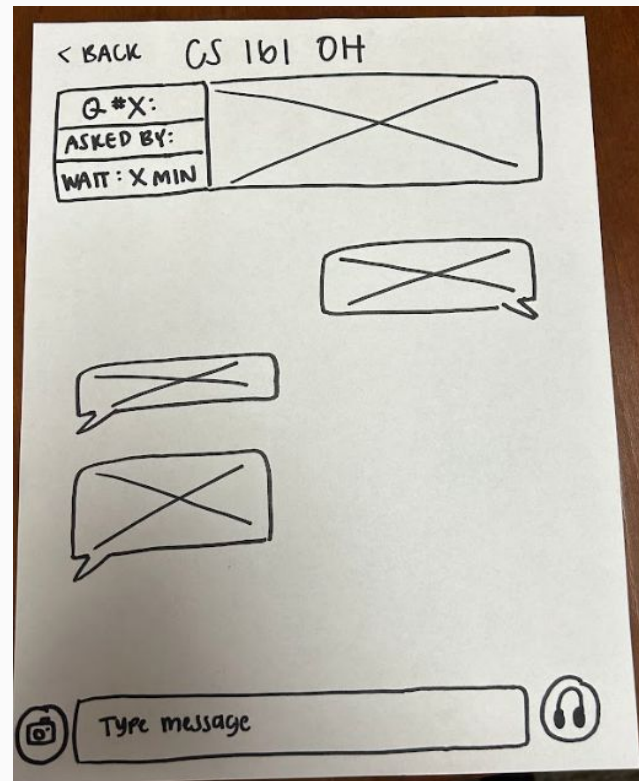
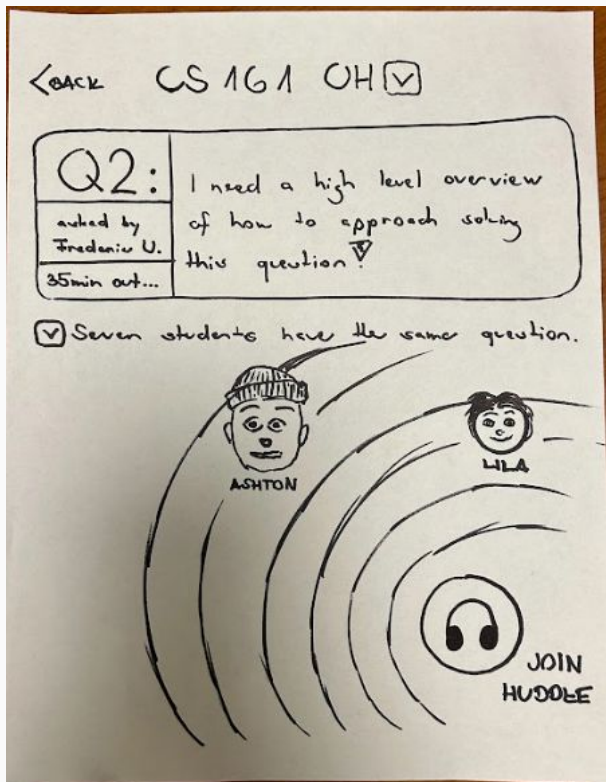


# Change 2: Notifications Page

Nonexistent  
feature



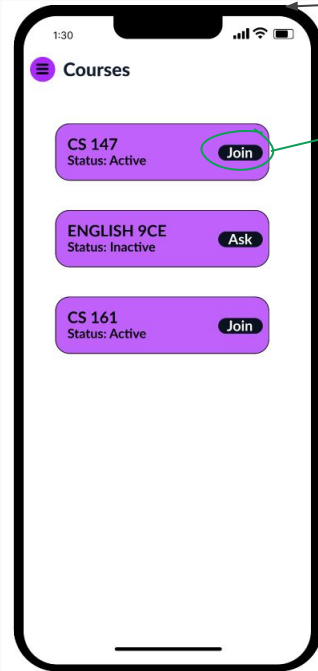
# Change 3: Integrated Chat



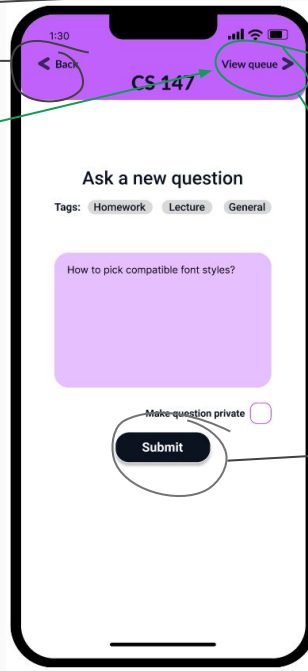
# Task Flows



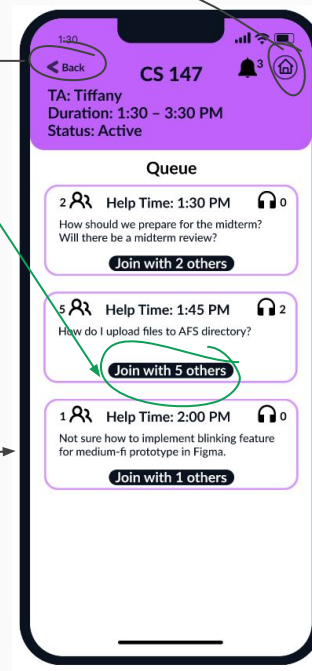
# Join a question asked by a classmate.



Press Join/Ask on the course you're interested in

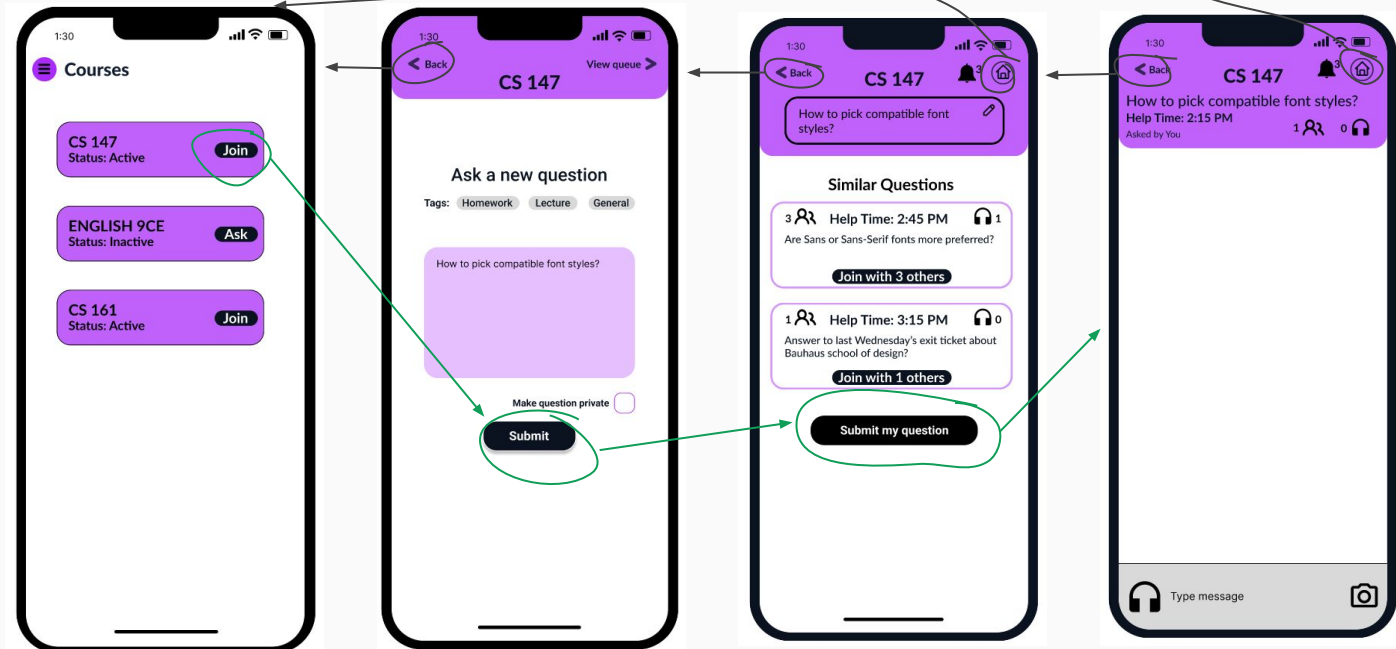


Press 'View queue' to see the questions that will be answered next



Press "Join with X others" to collaborate and sign up to listen in on the TA's answer

# Create a question and join its huddle.



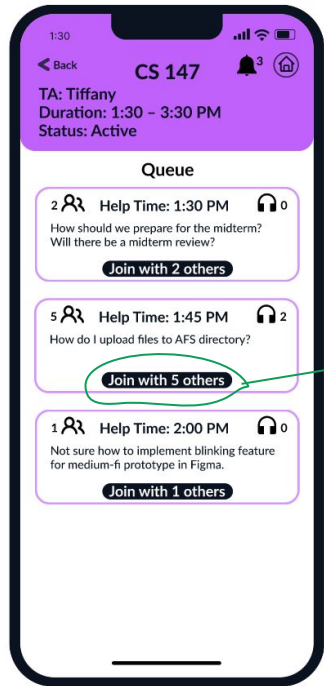
Press Join/Ask on the course you're interested in

Type and submit your question

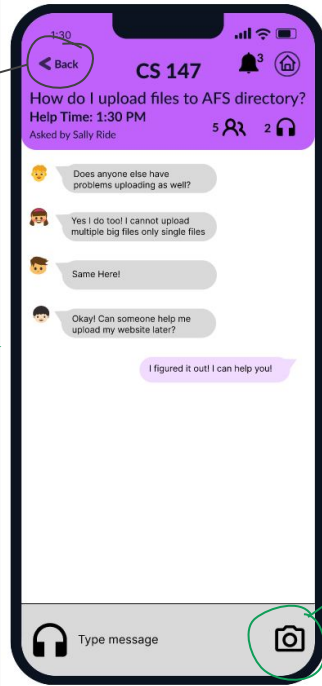
If no one has asked the same question, submit yours

The app immediately takes you to the huddle to encourage collaboration

# Send a picture to a huddle's chat.



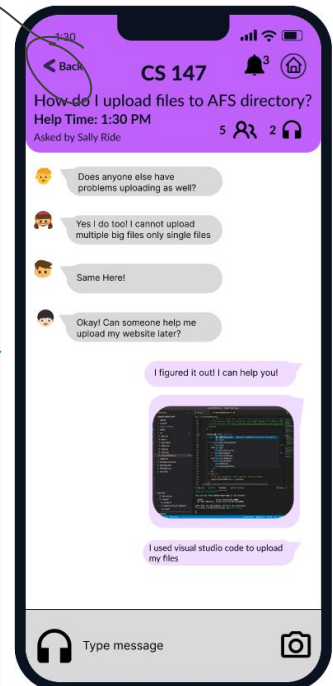
From the queue screen, press join on a question you can help answer



Push the camera button (familiar to most users since this mirrors SMS)



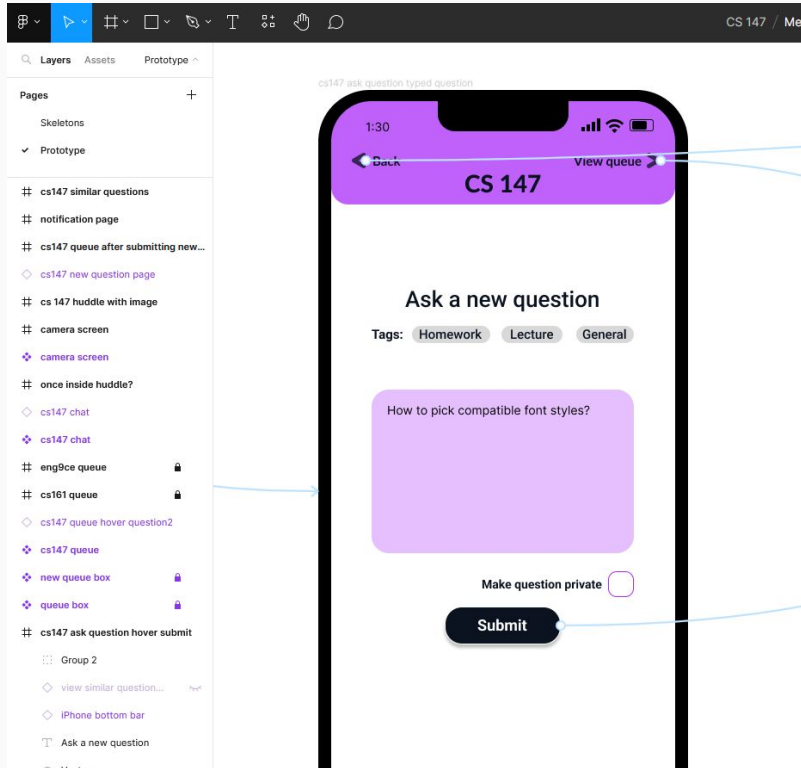
Take a photo



Your photo is uploaded to the huddle and you can continue chatting

Implementation

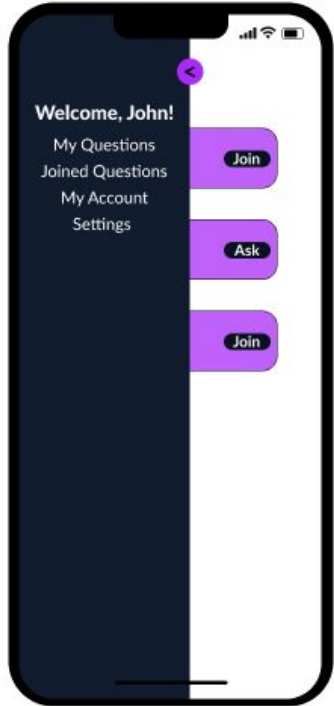
# Using Figma



- [Figma](#) is a graphic design tool that allows us to easily embed links in the design.
- We found it super helpful for building a modern-looking interface to better access 60% feedback.
- Making lots of pages for dummy user-generated data was prohibitively time-consuming.
- Many of the responsive UI elements we'd like to include (i.e. buttons that change color when hovered) were also time-prohibitive to create within Figma.

# What got left out?

home page w/ sidebar



Our three tasks primarily deal with how students leverage the scheduling and collaboration features of our project.

However, supporting features like Account info and Settings, as well as aggregator pages like my questions and joined questions were not part of our tasks so got left out of the medium-fi.

Much more critically, we still need to develop our TA-side features such as creating a class. This was a totally different set of interfaces and tasks so it wound up being out of scope for the medium-fi.

# Prototype limitations



A huge part of our app is user-generated data: questions, text chat, images, audio chats, joined questions.



This is the largest limitation of our prototype: making the interface feel responsive and testing its approachability requires users to be able to actually create inputs and then have our interface display them, which Figma does not support.

# Appendices