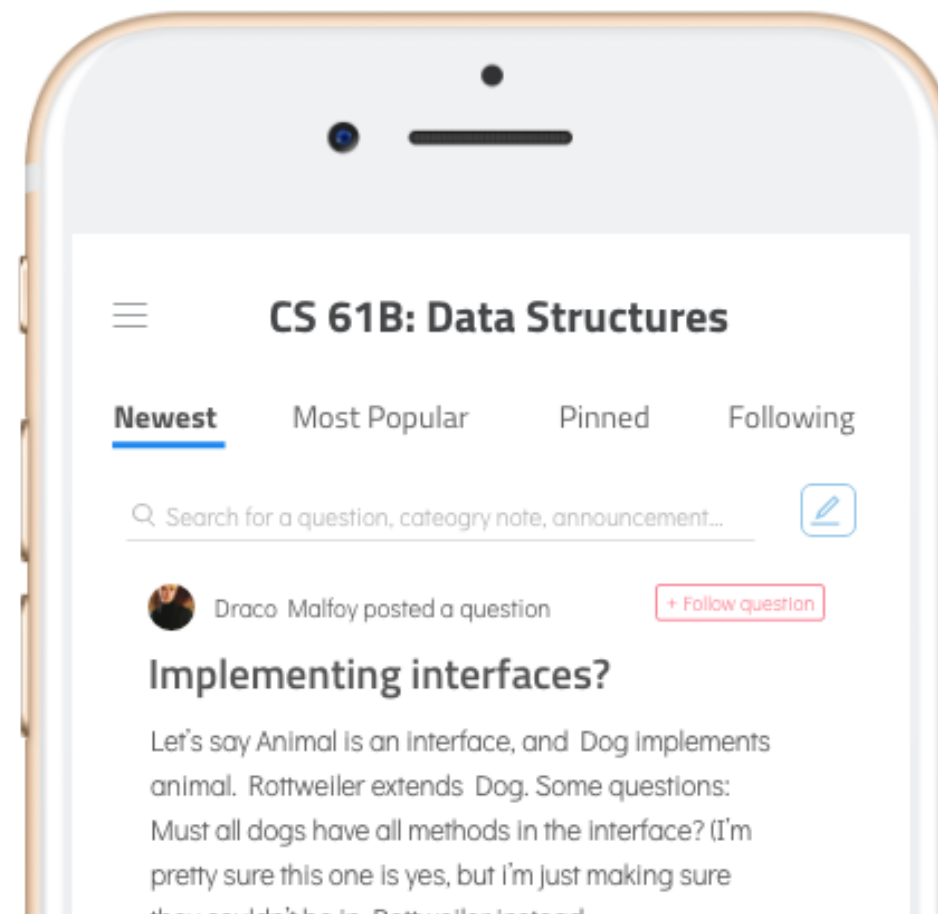


Piazza Redesign

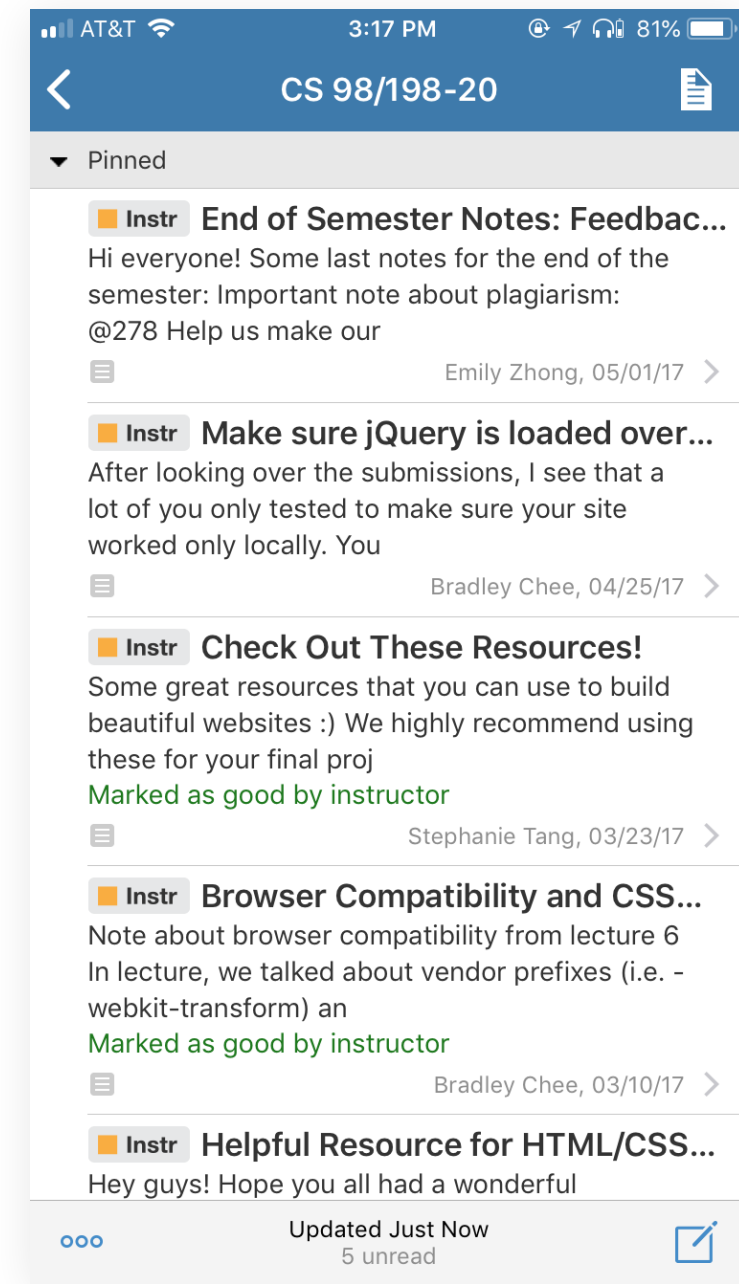
A mobile redesign of the [classroom discussion](#) forum.



Piazza Redesign

context

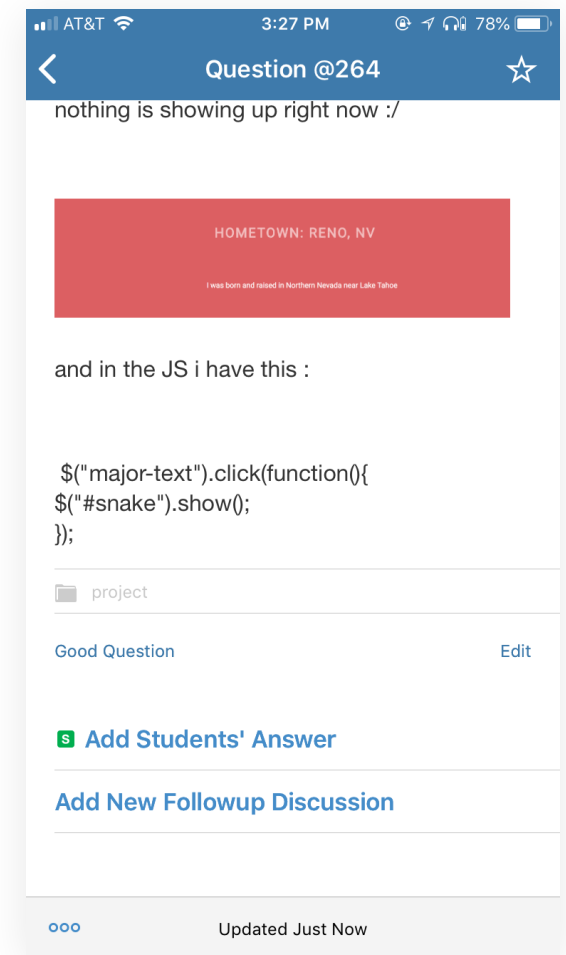
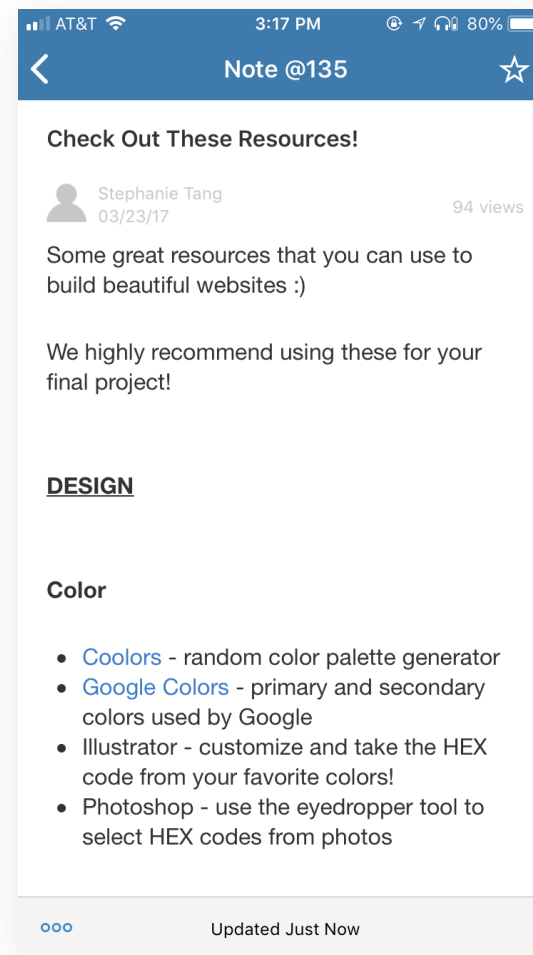
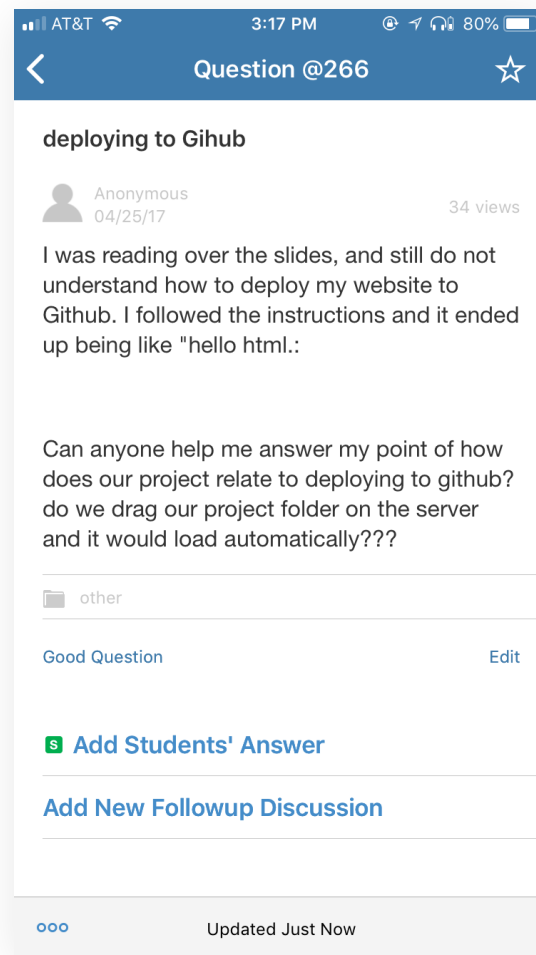
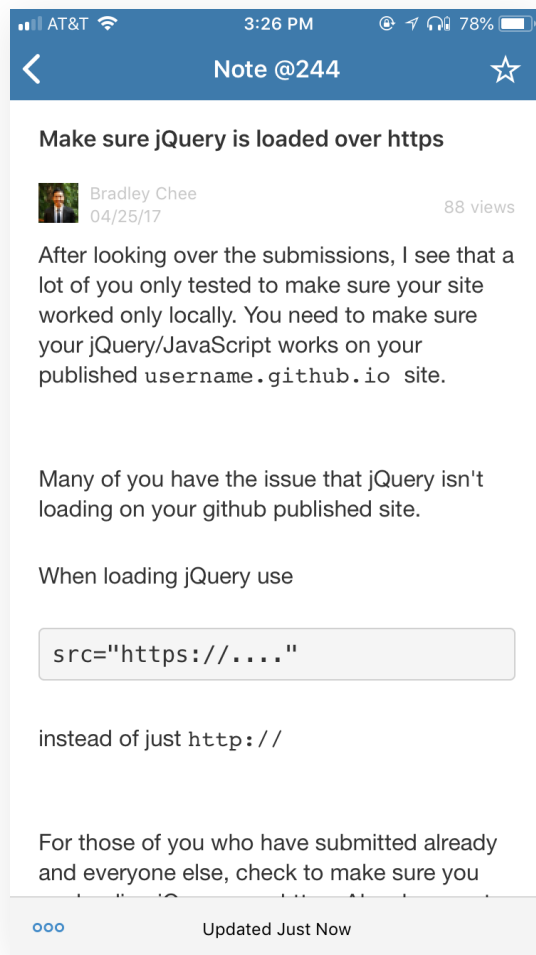
Piazza is an online discussion and Q&A forum used by schools. It serves as the main mode of communication between students and instructors. Students use the platform to ask questions about topics ranging anywhere from course material to general course logistics.



Current Home View

Piazza Redesign

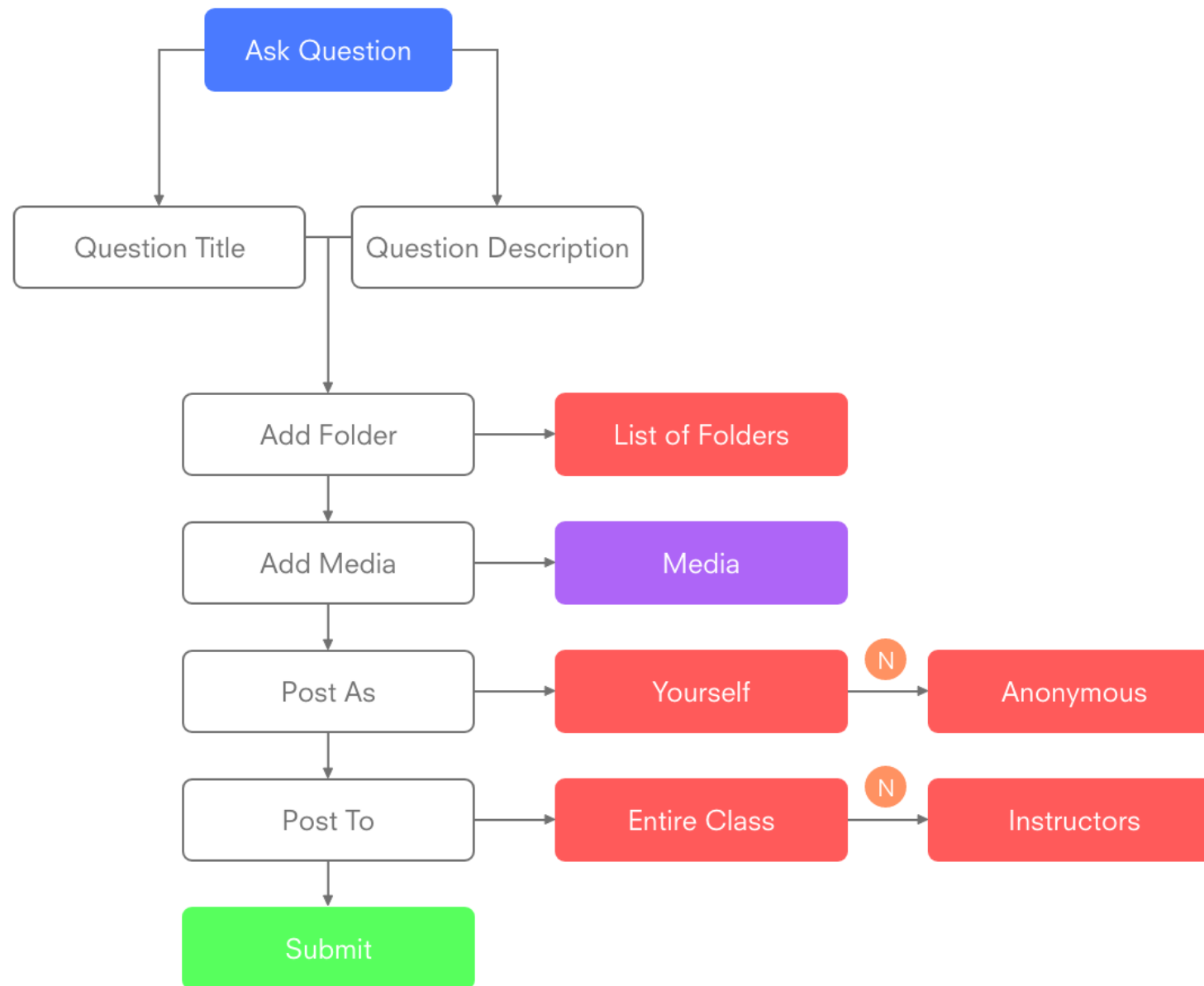
the problem



Piazza Question Views

Piazza Redesign

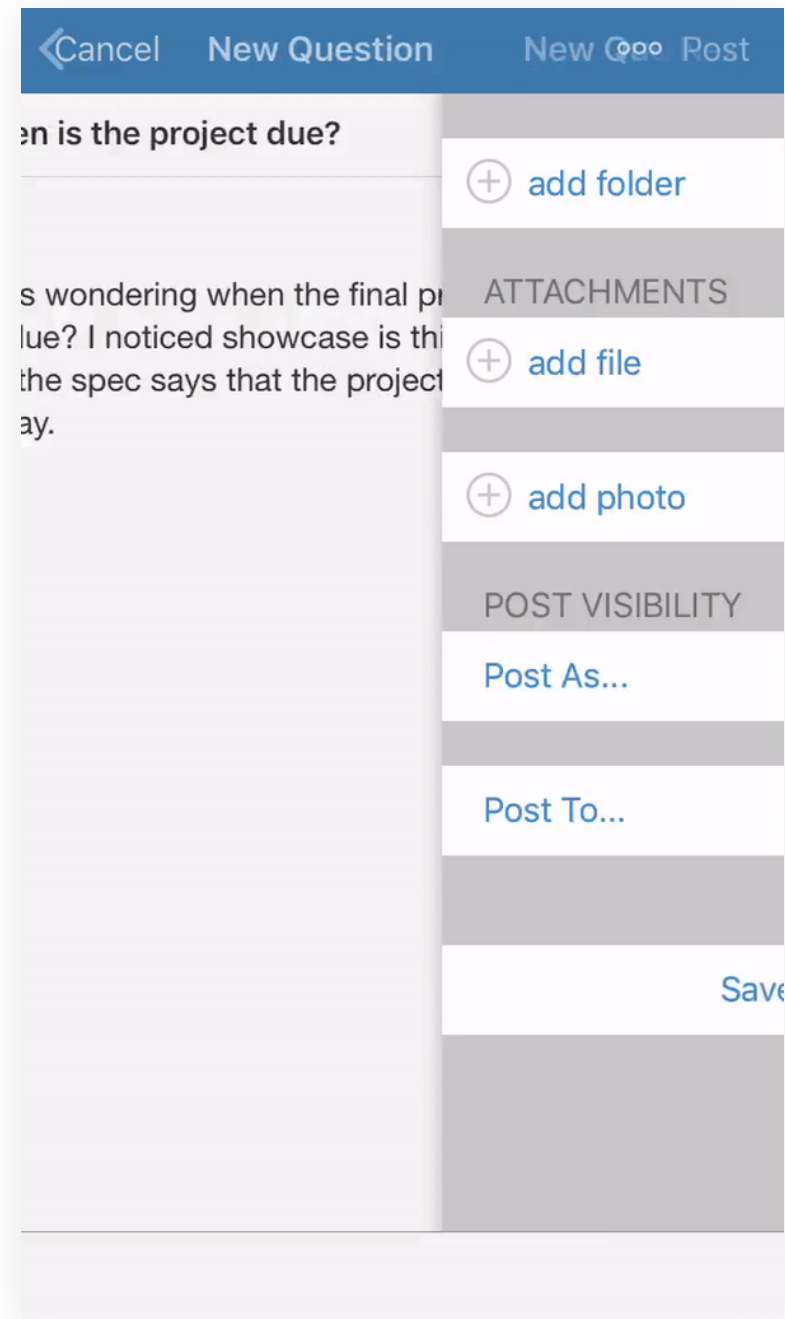
the problem



Complex and unintuitive user flow

Piazza Redesign

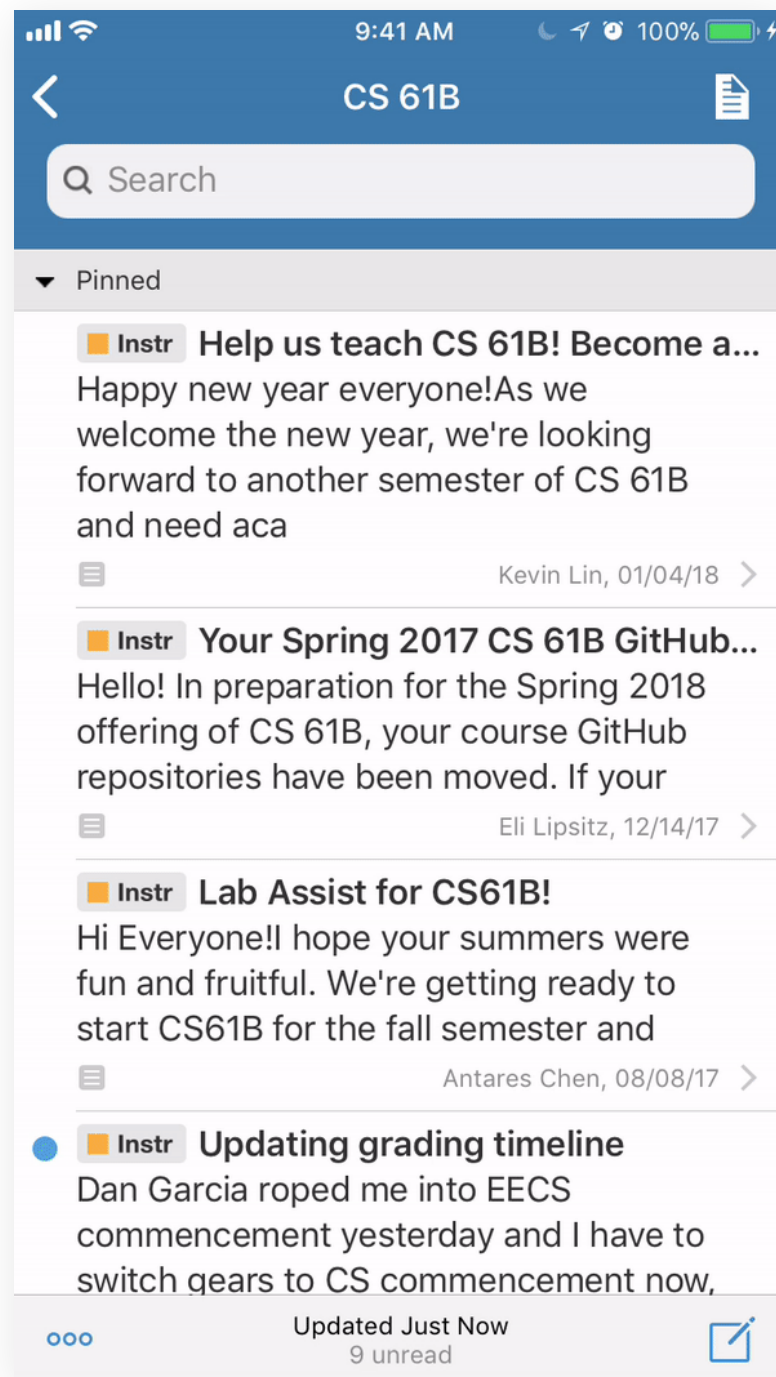
the problem



Asking a question

Piazza Redesign

user research



I know this is a dumb question, but...

Students feel the need to take an extra step in clarifying that their questions are “dumb.”

Piazza Redesign

user research

“I feel stupid when I’m not anonymous. I don’t want to sound dumb in front of all my peers.”

Students feel the affect of being watched in the online space.

Piazza Redesign

defining the problem

How might we make students feel valid and empowered in the Q&A space?

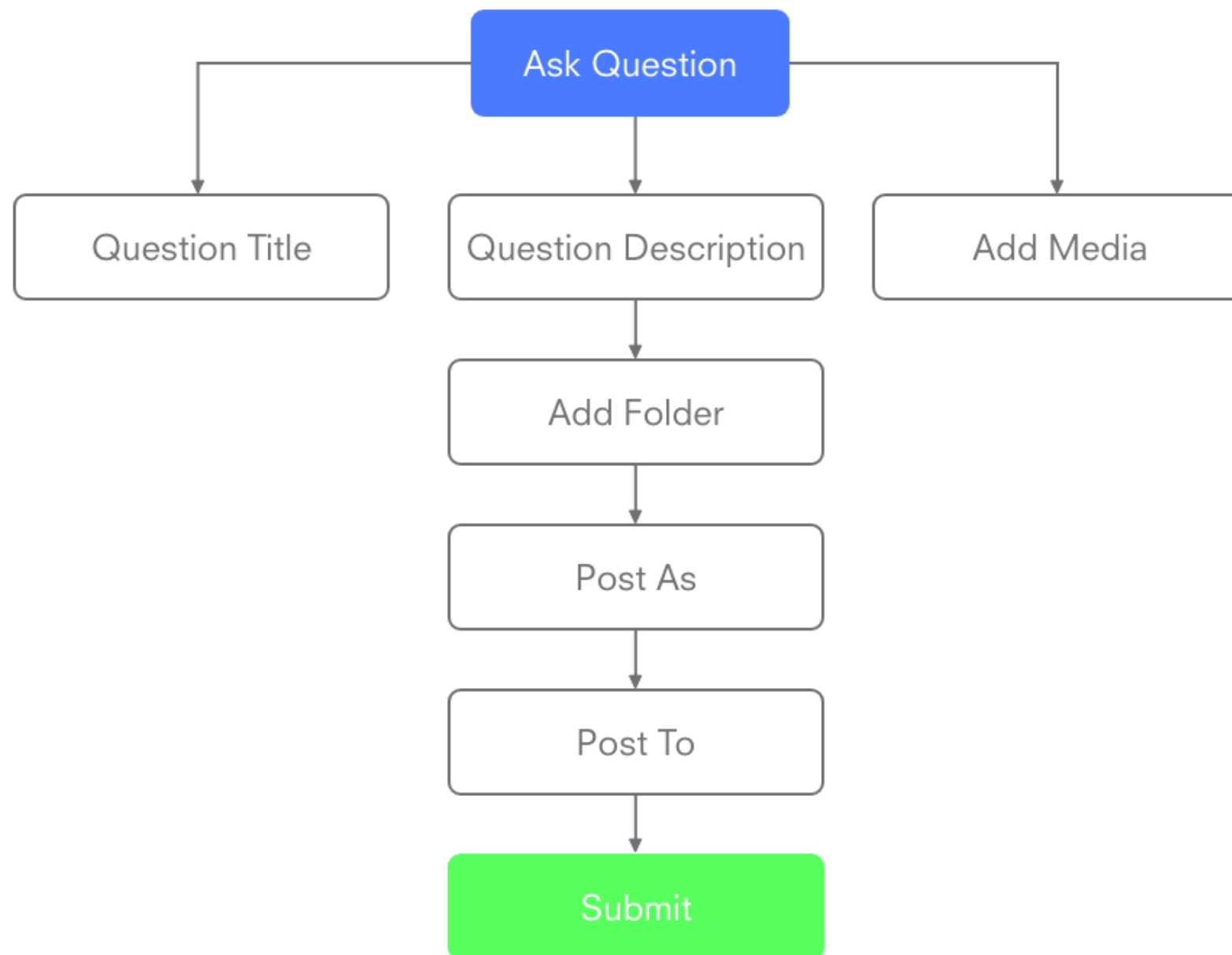
Piazza Redesign

redesign goals

- 1 Validate**
Make students feel validated in asking their questions and eliminate the need to make students feel “dumb.”
- 2 Organize**
Introduce a level of hierarchy and categorization into the posts for easy access.
- 3 Simplify**
Recreate the user flow to improve simplicity and efficiency of user flow of asking a question.
- 4 Emphasize**
Make key features of the application accessible by increasing visibility.

Piazza Redesign

user flow



Redesigned User Flow

Piazza Redesign

mid-fidelity

1 Category Headers

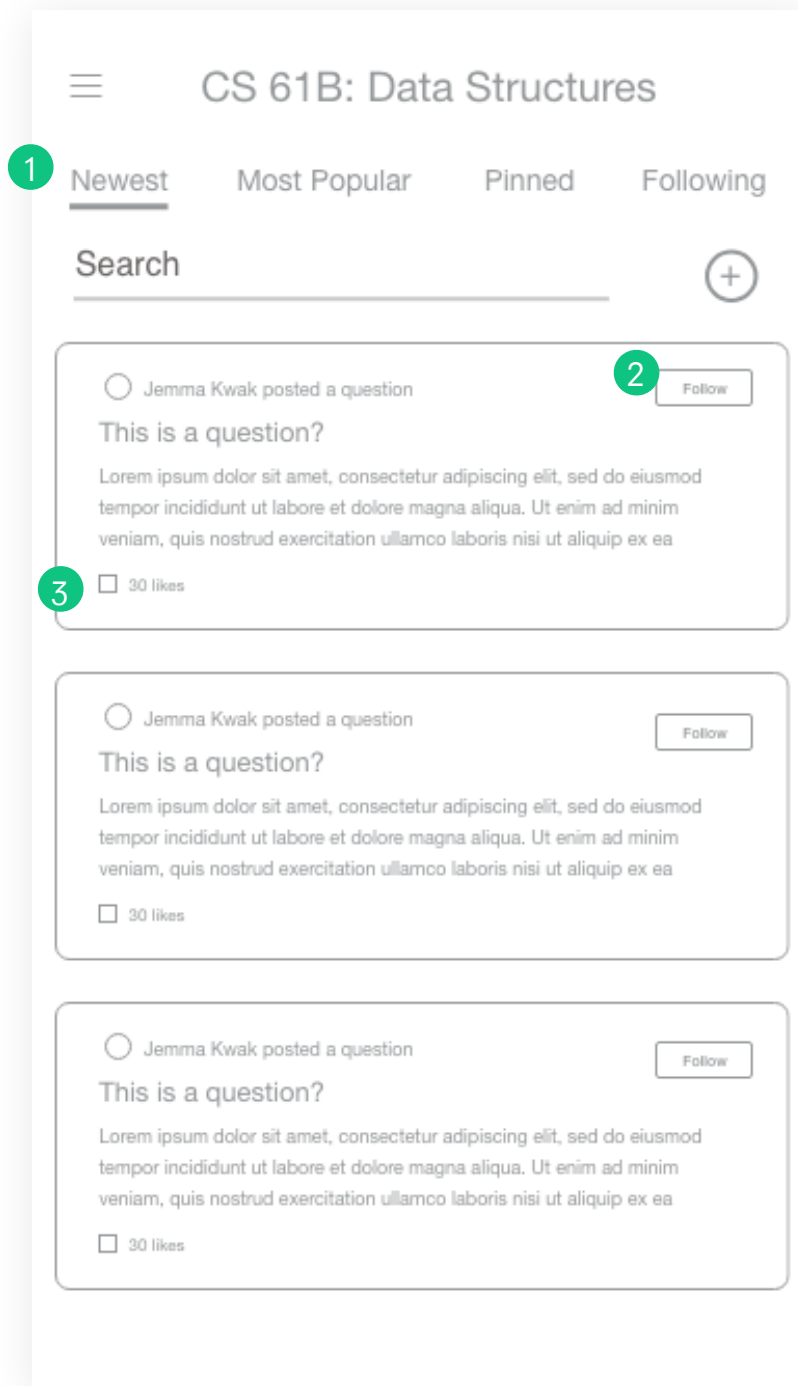
A level of organization given to posts: newest, popular, pinned, and following.

2 Easy-Access Follow

Users can quickly follow a question when a user feels connected to a post.

3 Validation Metric


The ability to let the student “like” a post when they feel related to it



New Landing View


Piazza Redesign

mid-fidelity




Autograder

B / U



Out of curiosity, how is the Autograder organized on the server side? Does server load affect the runtimes of the code, and just generally speaking how does an online autograder work/how is it developed? What techniques are implemented to serve 1000+ students? Thank you!

Next



Audience

☐ Entire Class

☒ Instructors Only

Tag Post

☐ logistics

☐ hw0

☐ hw1

☐ hw2

☐ hw3

☐ hw4

☒ proj0

☐ proj1

☐ proj2

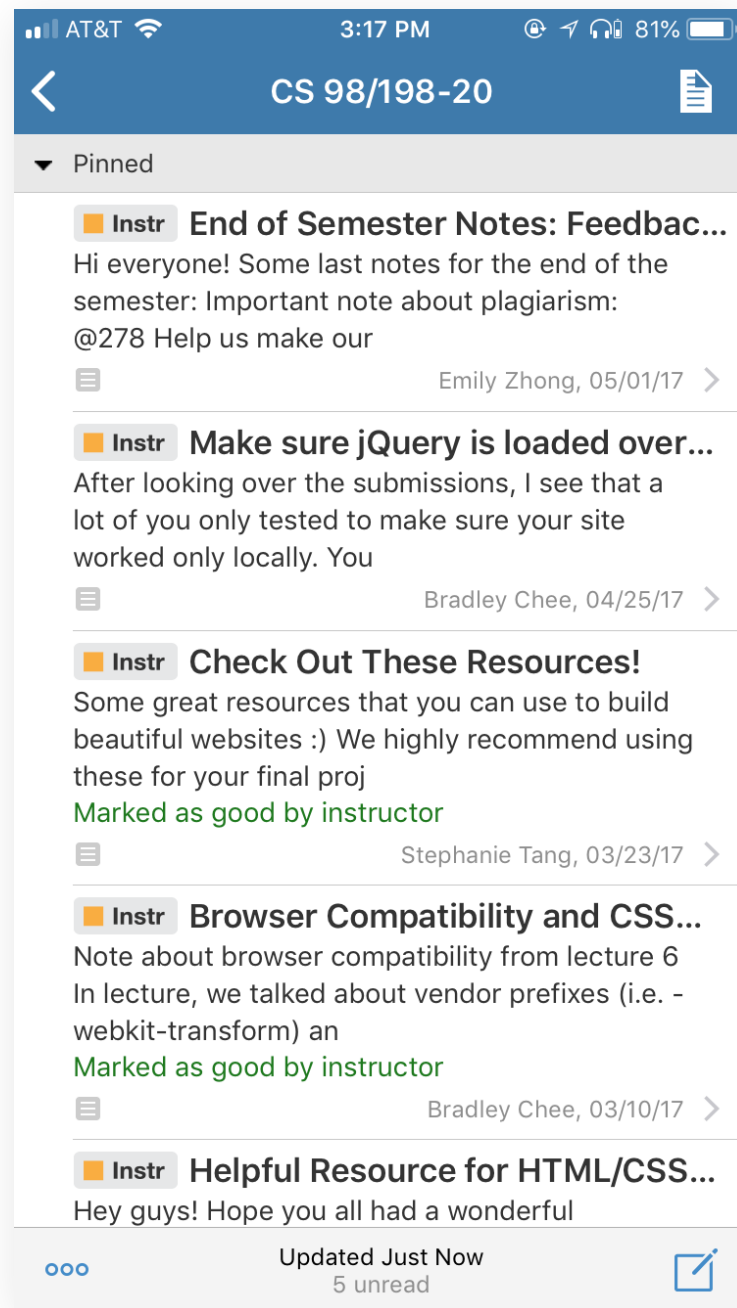
☐ proj3

Post

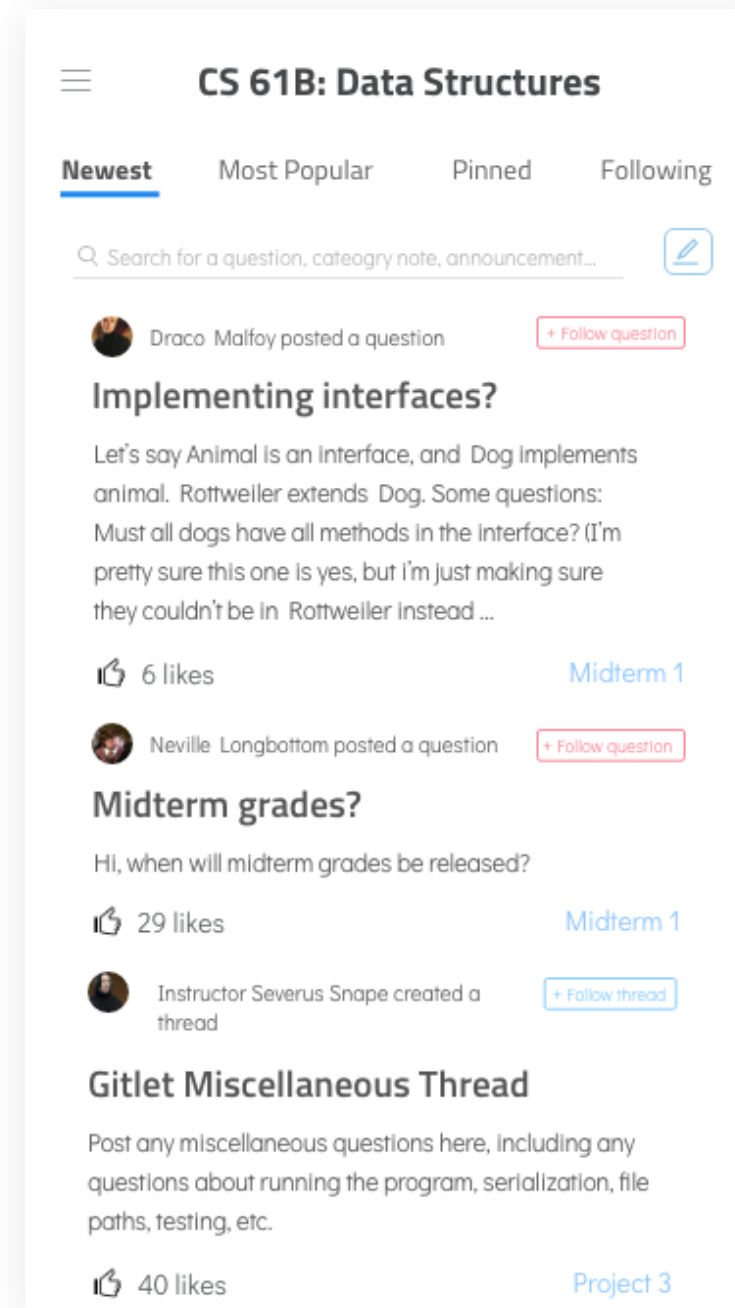
New Post View

Piazza Redesign

high fidelity



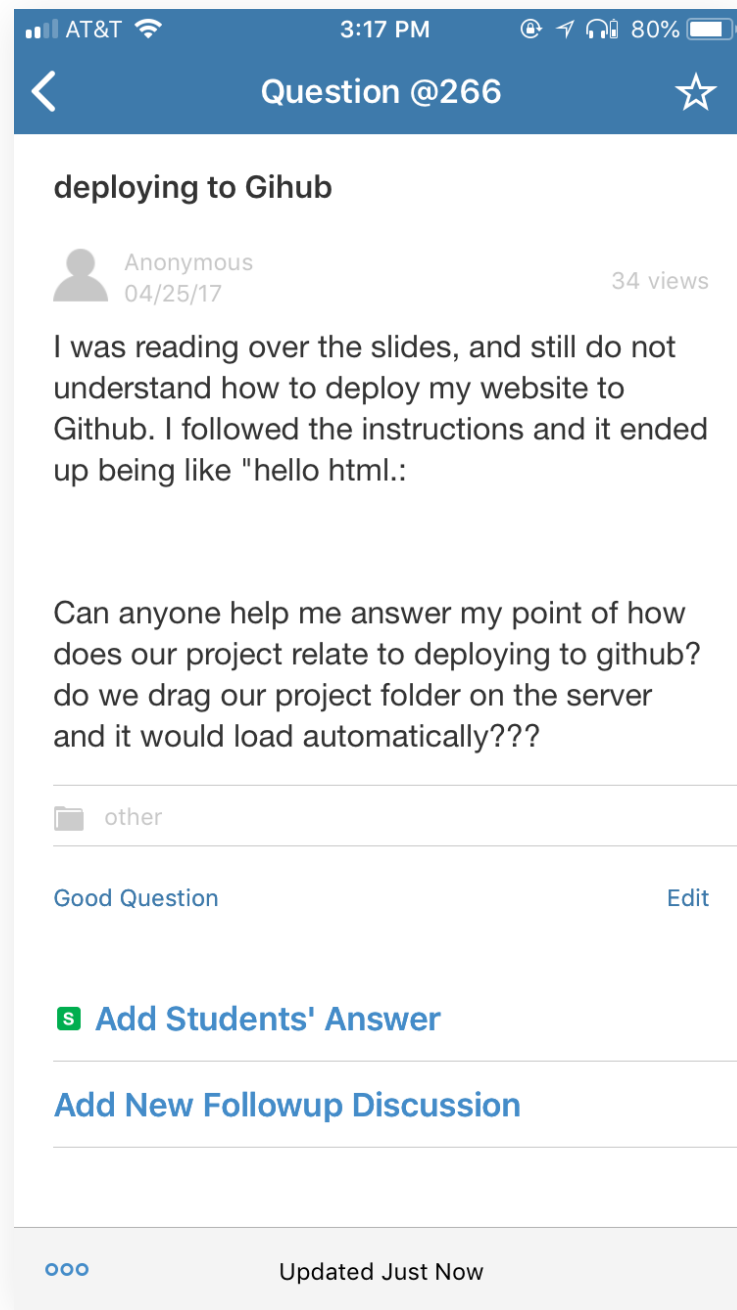
Previous Landing View



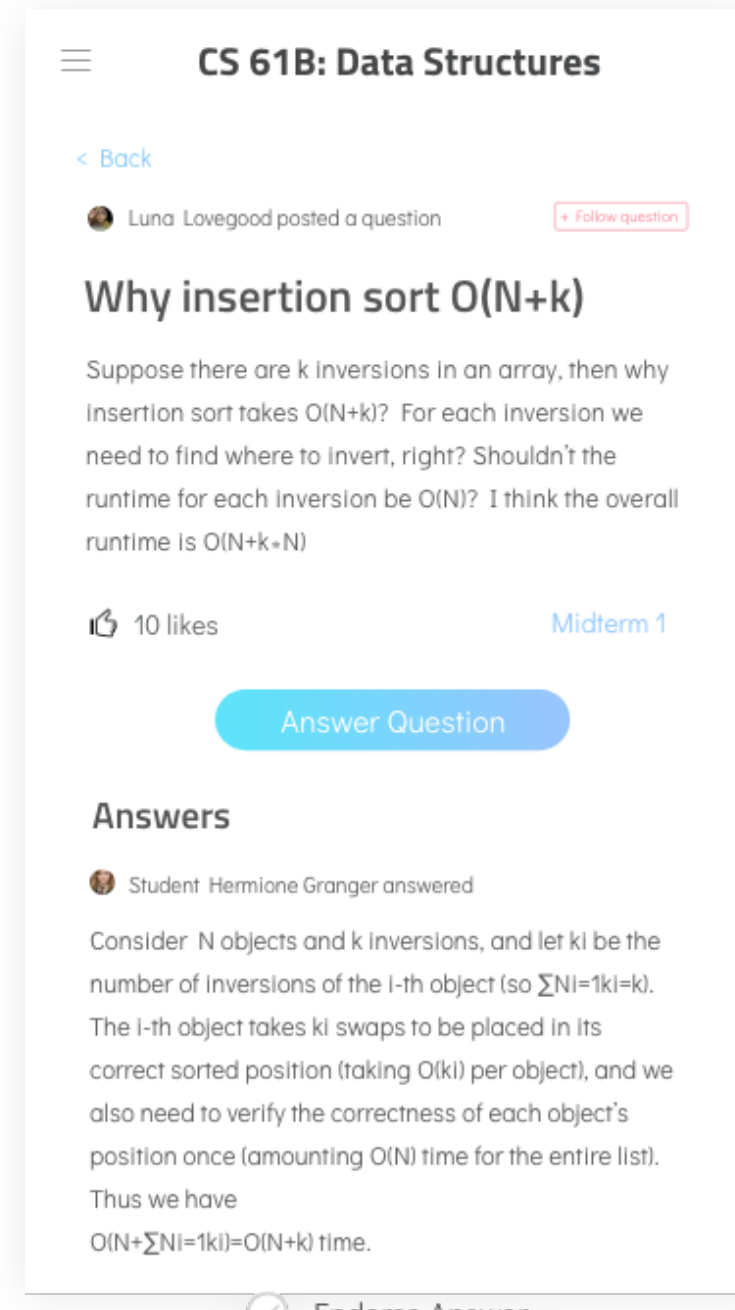
Redesigned Landing View

Piazza Redesign

high fidelity



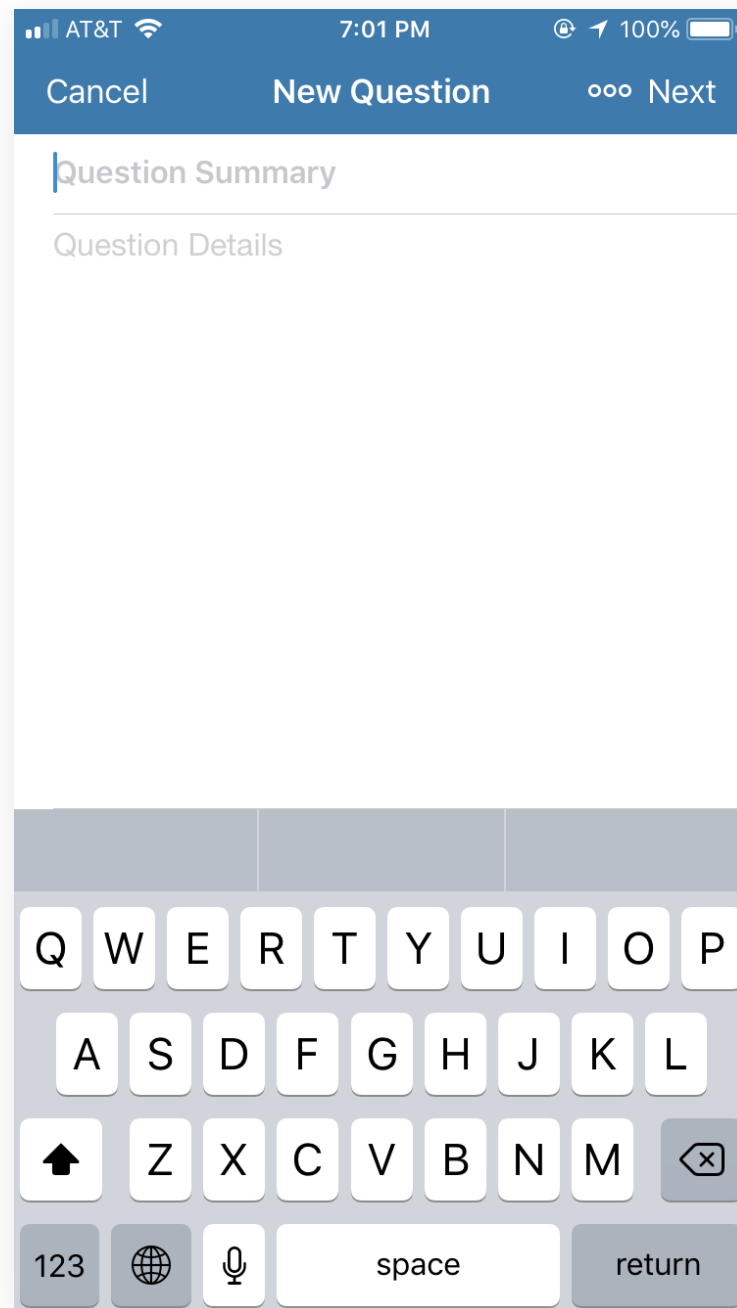
Previous Question View



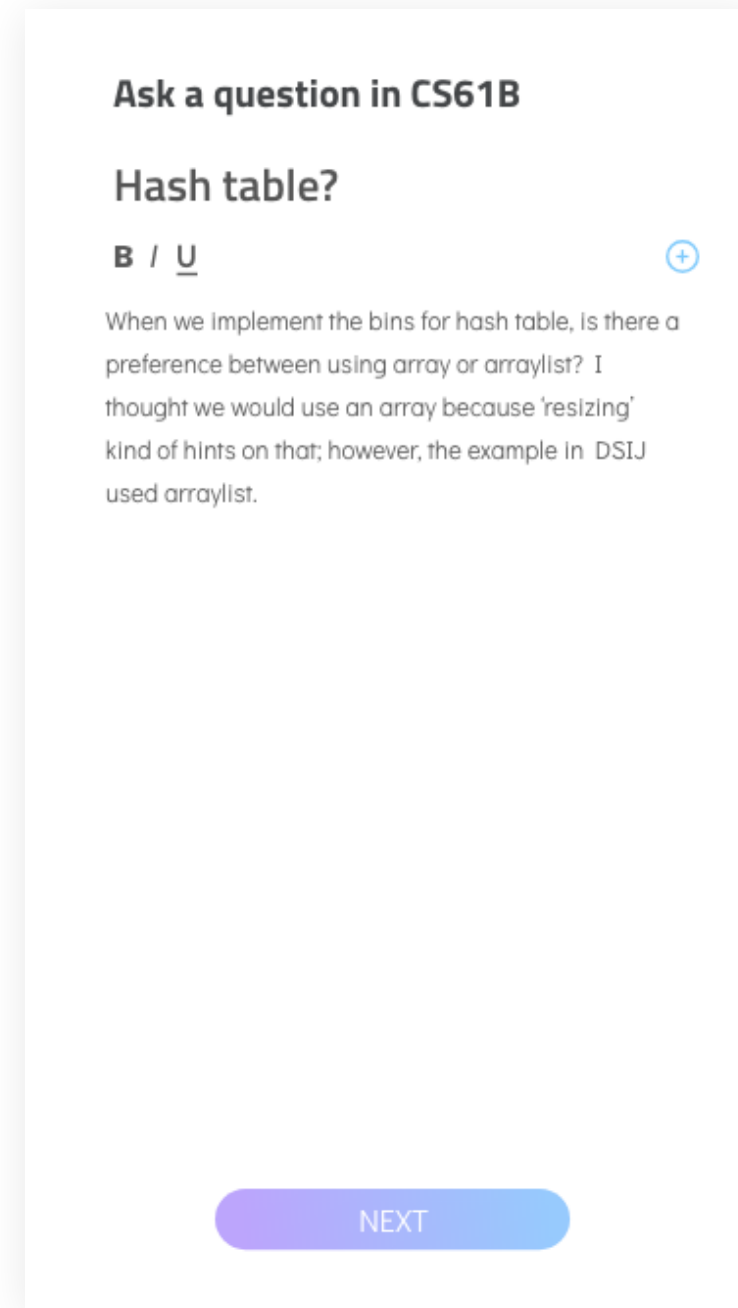
Redesigned Question View

Piazza Redesign

high fidelity



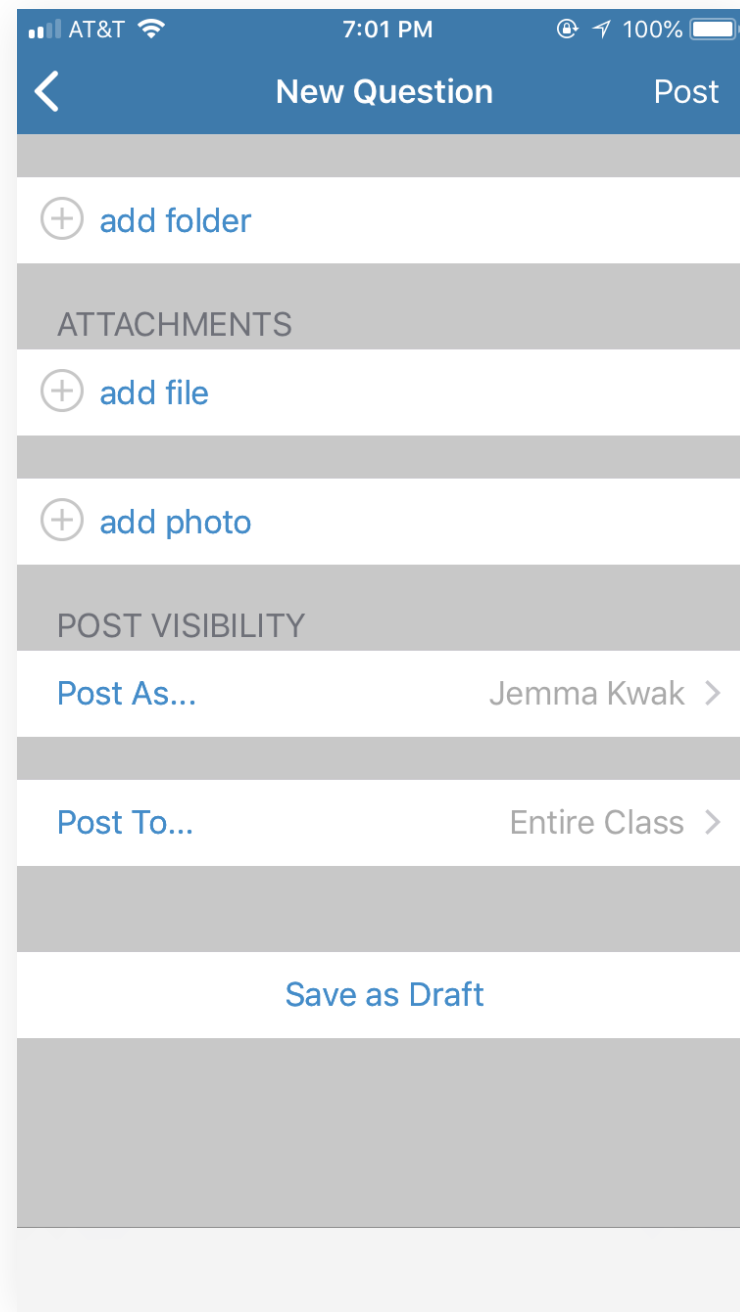
Previous Question View



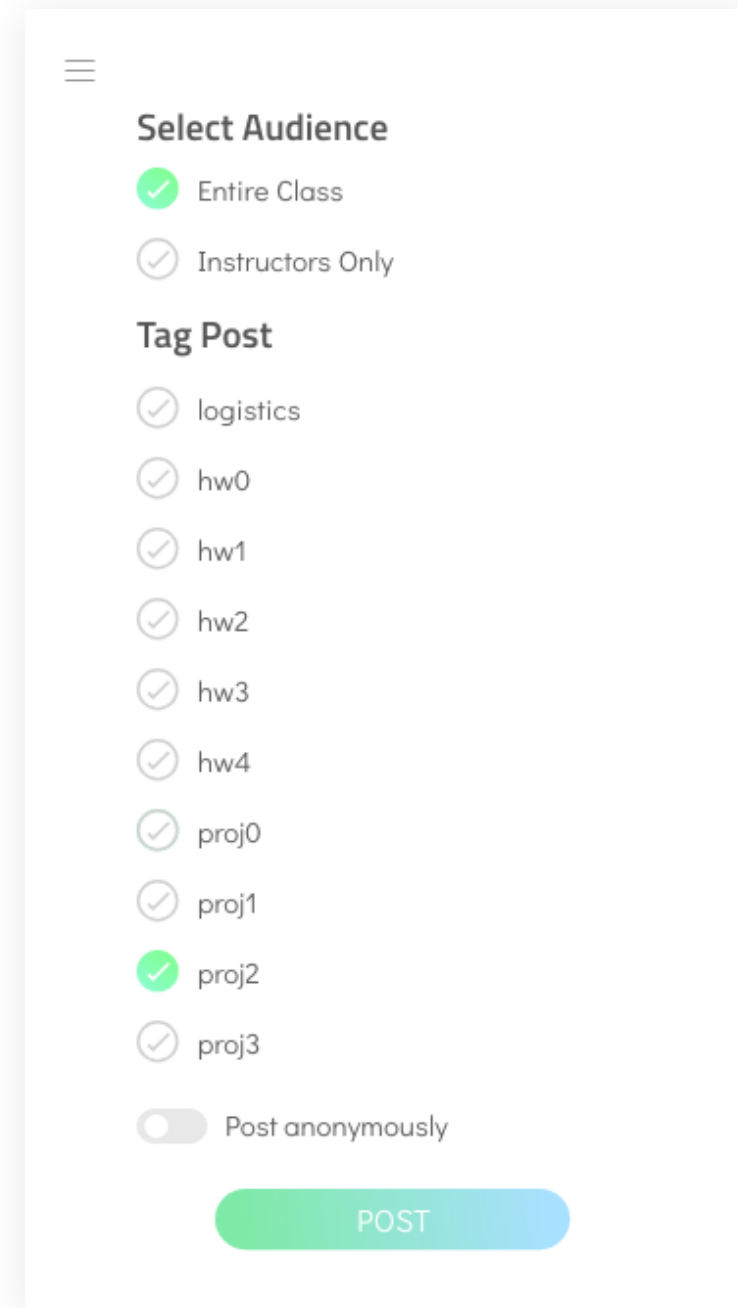
Redesigned Question View

Piazza Redesign

high fidelity



Previous Question View



Redesigned Question View

Piazza Redesign

takeaways

Piazza is one of the most utilized, free student tools at Berkeley. By improving the accessibility and usability of such an important academic resource, we can improve the overall experience for both the student and the instructors.

