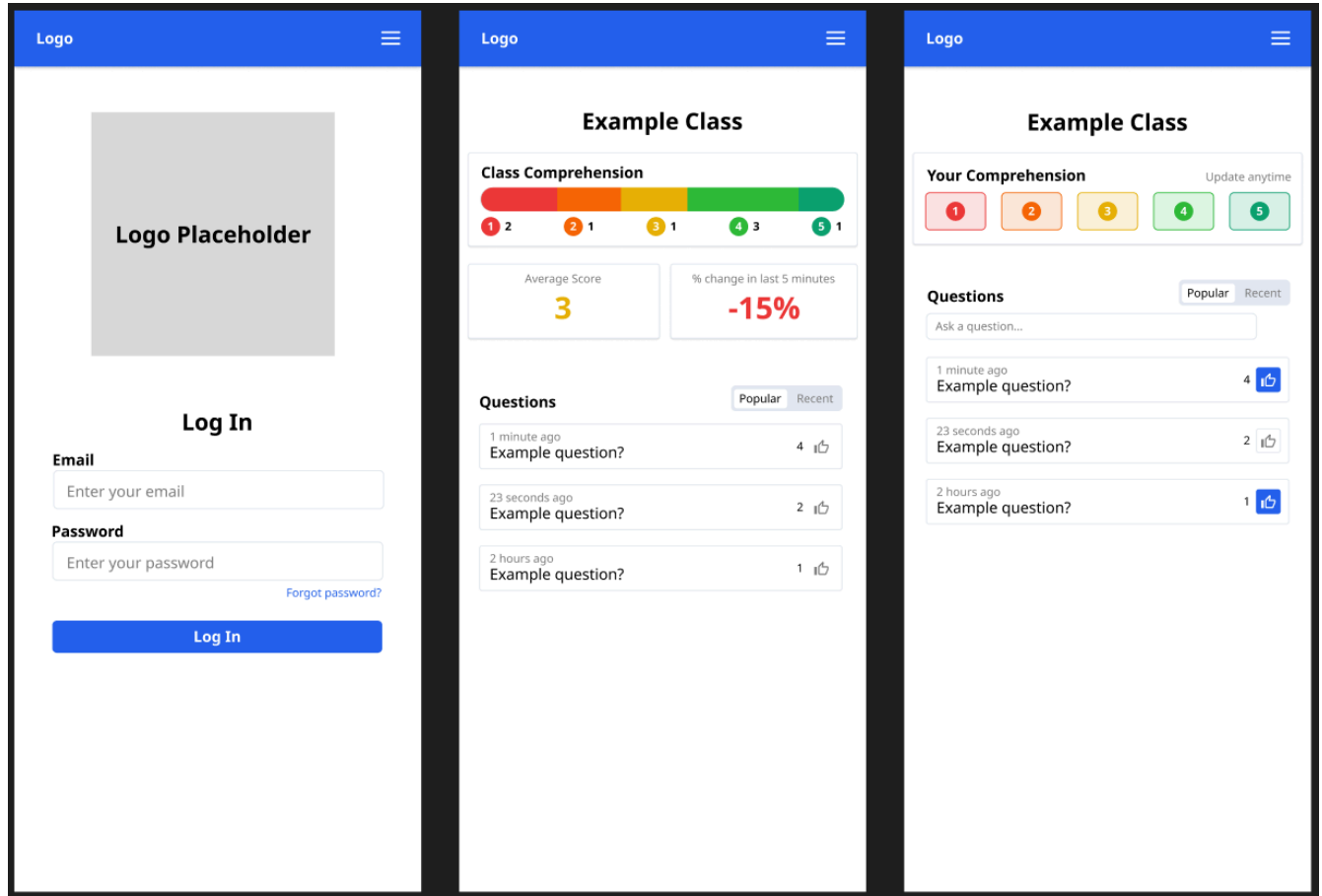


Deliverable 4: Wireframes & Feature Plan

By: Carson Decker

Mobile-first Wireframes

These screens are Login, Teacher Dashboard, and Student Dashboard respectively.



Functional Requirements

- Teachers must be authenticated
- Students are given session tokens so they don't have to log in but we can still identify them for comprehension scores
- CRUD operations for the following: rooms, sessions, comprehension scores, questions, question upvotes
- Authentication required for CRUD for rooms and sessions
- Session token or authentication required to get comprehension scores, questions, and question upvotes

- Session token required to create/update/delete comprehension scores, questions, and question upvotes
- Teachers are connected to Supabase realtime for comprehension scores, questions, and question upvotes
- Students just use polling to get current state every few seconds

User Stories

- As a teacher, I want to be able to see my students' comprehension update in realtime and be able to see related stats so I can tune my lesson to my students' needs
- As a teacher, I want to be able to see my students' most pressing questions so I can tune my lesson to my students' needs
- As a student, I want to be able to notify my teacher of how I am understanding the lesson so I can get the most out of the class period
- As a student, I want to be able to ask anonymous questions so that I can have my voice heard by the teacher even if I don't want to speak out loud

Written Description of User Journey

Teacher Journey: Teachers go to the login page to authenticate themselves. After this, they move to a page to select an existing class or create a new one. After this, they are shown a list of their past sessions for that class and are prompted to start a new one if none are still active. After that, they are given a link or join code to share with their students. They are then on the teacher dashboard, where they will get live updates from students.

Student Journey: Students click a link provided by a teacher to go straight to the dashboard for that class or go to the join page and enter the join code. They are then on the student dashboard, where they can change their comprehension score, see their classmates' questions, upvote their questions, and send in new questions for the teacher.