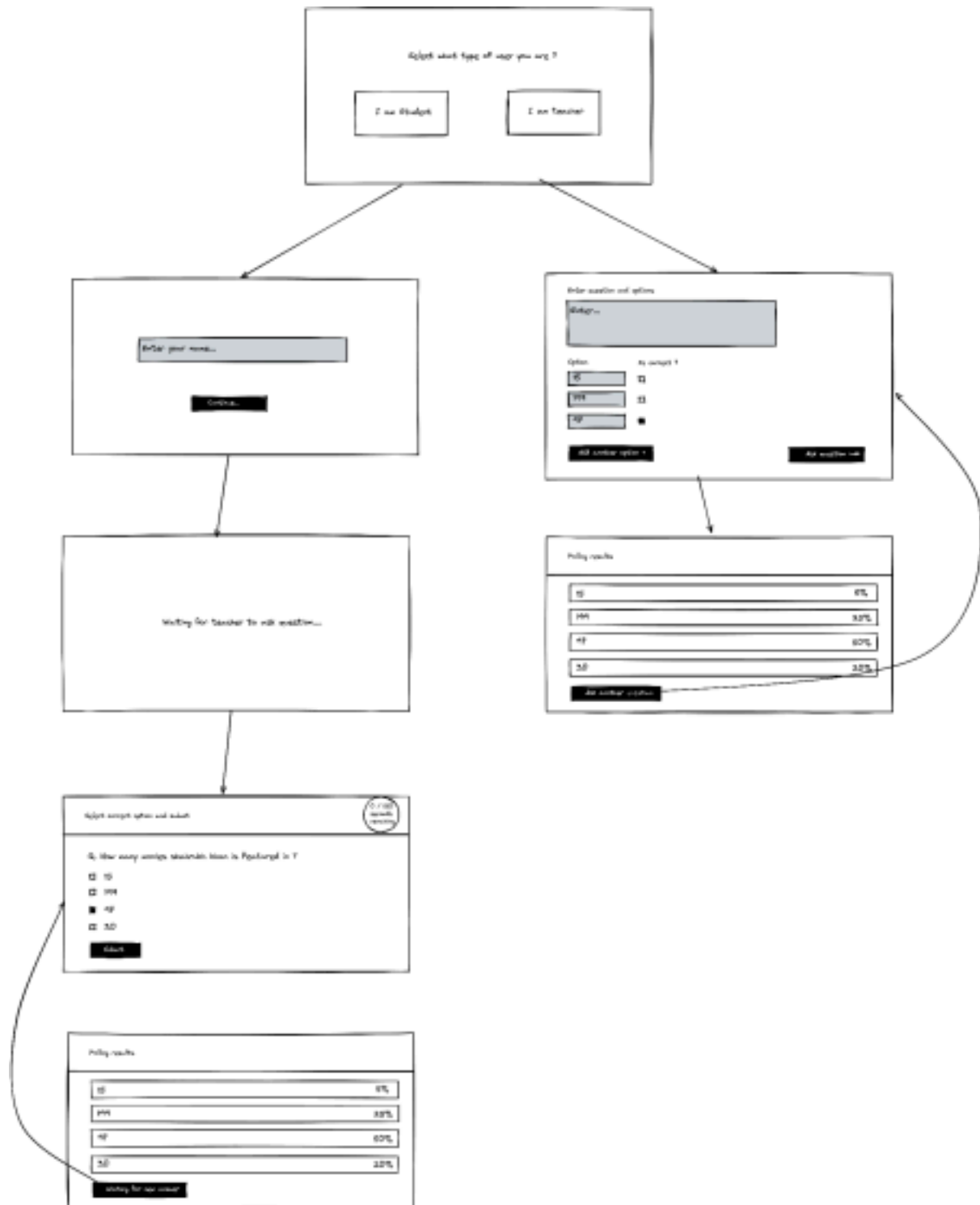


Live polling system



Design link

<https://www.figma.com/design/uhinheFgWssbxvll7wtf59/Intervue-Assigment--Poll-system?node-id=0-1&t=Y5GfjlgQte8VUTgA-1>

Task is to create a live polling system with 2 personas

1. Teacher
2. Student

Teacher

The teacher should be able to

- Create new poll
- View live polling results
- Teacher should be able to ask a new question only if no question was asked previously or if all the students have answered the question

Student

The student should be able to

- Enter his name while visiting for the first time this should be unique only to a tab i.e if i open new tabs i should be able to act as a new student but if i refresh the current tab i shouldn't be asked the name again
- Once the Teacher asks a question the student should be able to submit his answer
- Once the student submits the answer he should be able to see the live polling results
- A student should only get a maximum of 60 seconds to answer a question post which he will see the live polling results

Technologies to be used

- Frontend - React, Redux(not a must have but good to have)
- Backend - Polling to be powered by socket.io, server to be based on ExpressJs

Must haves

- The system should be functional
- Teacher should be able to ask polls
- Students should be able to answer them
- Both teacher and student should be able to view poll results
- Hosting the full solution website + backend

Good to have

- Teacher should be able to configure maximum time for a poll
- Teacher should be able to kick a student out
- The Website should be designed properly

Tasks for Brownie points

- There should be a chat popup for students and teachers to interact
- Teacher should be able to view past poll results (not from localStorage)