# INTERVUE.IO - SDE INTERN ROLE ASSIGNMENT - ROUND 1

**Dear Candidate,**

Thank you for your interest in the **SDE Intern** position at Intervue.io.

As part of the evaluation process, we are sharing the details for **Assignment Round 1**. This task will help us assess your **problem-solving ability, technical skills, and alignment with the role expectations**.

Please read the instructions carefully and follow the **provided design layout and guidelines**. This will ensure your submission is evaluated fairly and efficiently.
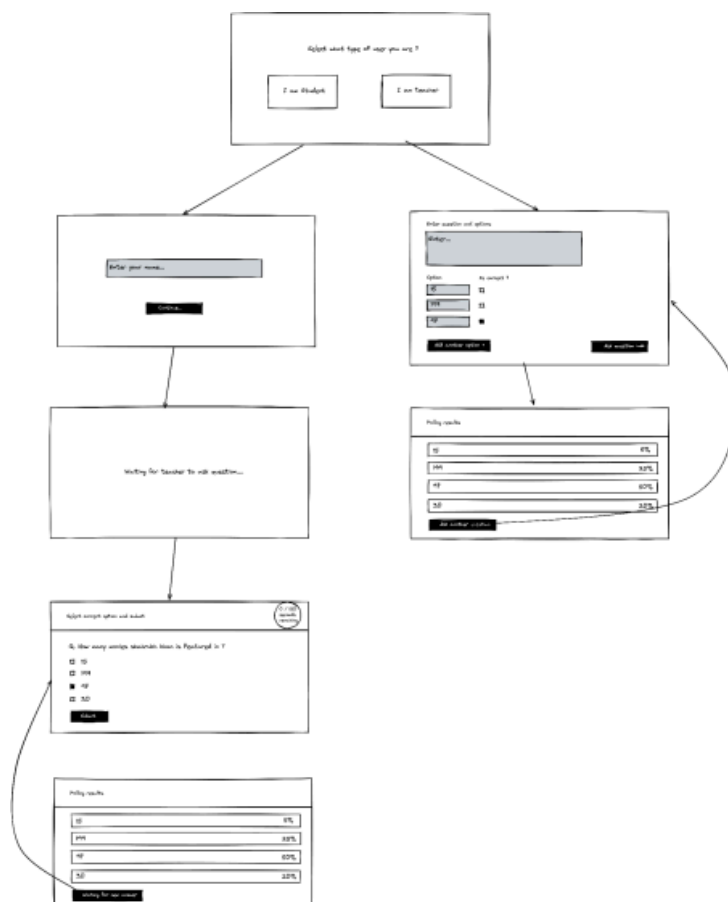
We recommend reviewing this document thoroughly before you begin. If you have any questions, feel free to reach out to us via email.

**We kindly request that every candidate read through this DOCUMENT first. It covers most of the important details and will help clear up any doubts. If you still have questions afterwards, don't hesitate to drop us an email. We'll be more than happy to help!**

---

**We kindly request you not to attempt the assignment if you have participated in our hiring process within the last 6 months and were not shortlisted, as per our policy candidates are eligible to reapply only after 6 months from their previous application date.**

## Assignment Details

**Title: Live Polling System**

### Design Reference

- **Design Link:**
  https://www.figma.com/design/uhinheFgWssbxvlI7wtf59/Intervue-Assigment--Poll-system?node-id=0-1&t=Y5
- **Design Preview:** *(Insert design image screenshot here — ideally from the Figma file for quick reference)*

  You are required to create a **Live Polling System** with two personas: **Teacher** and **Student**.

---

### Teacher Features

- Create a new poll
- View live polling results
- Ask a new question only if:

- No question has been asked yet, **or**
- All students have answered the previous question

### Student Features

- Enter name on first visit (unique to each tab)
- Submit answers once a question is asked
- View live polling results after submission
- Maximum of 60 seconds to answer a question, after which results are shown

### Technology Stack

- **Frontend:** React (Redux optional but preferred)
- **Backend:** Express.js with Socket.io for polling functionality

### Must-Have Requirements

- Functional system with all core features working
- Hosting for both frontend and backend
- Teacher can create polls and students can answer them
- Both teacher and student can view poll results
- **Please ensure the UI in your assignment submission follows the shared Figma design without any deviations.**

### Good to Have

- Configurable poll time limit by teacher
- Option for teacher to remove a student
- Well-designed user interface

### Bonus Features (Brownie Points)

- Chat popup for interaction between students and teachers
- Teacher can view past poll results (not stored locally)

**intervue**

---

## Submission Guidelines

- **Deadline:** As per email instruction
- **Submission Method:** Email only *(Submissions in any other format will not be considered)*
- **Email To:** pallavi@intervue.info

- **Email Subject:** SDE INTERN ASSIGNMENT SUBMISSION

  Name: [Your Full Name]
  Phone Number: [Your Contact Number]
  Email ID: [Your Email Address]
  LinkedIn URL: [Your LinkedIn Profile Link]
  Assignment Link: [Hosted/Deployed Link]
  **ATTACH CV**

  Please review our company socials attached below for a better understanding:

- **Website-** https://intervue.io
- **LinkedIn-** https://www.linkedin.com/company/intervue-io/

*Good luck with the assignment.*