The Whiteboard Interviewer
In-browser chat tool web app for code interviews
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* Helps interviewers better understand interviewees’ thought processes
* Helps interviewees better communicate their thought processes and code
* Unlike sites like Skype, we have a built-in code editor and no need to sign up for an account
* Unlike existing code interview sites like www.collabedit.com, our site has built-in video and voice chat
Peer-to-Peer Data Sharing

**The Whiteboard Interviewer**

**Set up an Interview**
- Room name: Room 1
- Interviewer’s Email: quanc@cs.washington.edu
- Interviewee’s Email: kunxw@cs.washington.edu

**Question 1:**
Write a Java program that calculates the factorial of a non-negative integer and prints the result to the terminal.

```java
public static void main(String[] args) {
    // Insert code here
}
```

**Question 1 Given Code:**
```
public static void main(String[] args) {
    // Insert code here
}
```

+ Add Another Question

**The Whiteboard Interviewer**

**Question 1:**
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```

- 1st webpage: Interview setup page for interviewer (left example)
- 2nd webpage: Interviewer waiting screen (like right example, except without interviewee)
- 3rd and 4th webpages: Interviewer and Interviewee views of the interview
  * Both are like right example, except Interviewer has “proceed to next question” and “end session” buttons
Architecture

* Make with JavaScript and HTML5, and CSS
* Use WebRTC for voice and video chatting and highlight.js for syntax highlighting in the code editor
* Each computer accesses the other’s mic, webcam and text data through the internet
* Risk of third party access is mitigated through system-generated one-time-use password sent to the interviewee