

Student side typing box in ReactJS/Angular

The student will enter his RollNo and will upload his/her image on a screen. He will see a text area on the Web Page. As soon as he starts typing, your javascript code will send each word to the server through a mqtt connection.

Server Side mqtt connection in NodeJS

The server is a small code listening to a mqtt connection and saving the data to redis key value pair DB.

Suppose 10 or 20 (means n) numbers of students are connected to the server sending their data through a WebSocket. At the same time, the teacher's browser is connected to the same server and receives data through WebSocket.