

I'm beside you

DotConnect - A Chat App made using ReactJS and StreamAPIs

Overview:

The documentation outlines the technology stack, including both frontend and backend technologies. It covers the use of ReactJS for the frontend, Stream APIs for real-time messaging, database technology, hosting and deployment strategies, and any relevant third-party services. This section highlights the technological foundation of the chat app.

Project Setup:

- Setup Environment: (Make sure you have at least node 18.1.0 version and above)
- Go into the DotConnect/client and execute the following command to install the required dependencies
 - **npm install stream-chat stream-chat-react universal-cookie**
- Now after running the above command, use the `cd ..` command to move one directory back. Now use `cd server\` command and enter the server directory using the terminal.
- After going into the required directory please run the following commands on the terminal:
 - **npm install bcrpyt crypt dotenv express getstream stream-chat nodemon**
- After installing all the dependencies, now open two terminals. In one of the terminals, go into the DotConnect/client directory and in the other terminal go into the DotConnect/server directory.
- Now run `npm start` in /server directory terminal and after it is completed then run the `npm start` command in the other terminal where /client directory is opened.

- Now the site will be hosted on a local server namely, <http://localhost:3000> and <http://localhost:5000> for the front-end react applications and backend stream connection respectively.

Usage Instructions

- User Registration and Login: Each new user needs to sign up and old users can use the signin page.

- Creating Conversations

- Sending Messages

The messages can be sent between two people (direct chat) and also can be sent in groups