

Dialogs: Let's dialog

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Submission for Hack neoG 2k21

Video: <https://youtu.be/J5tq7Nd3SQA>

About

Dialogs is a live chat app where you can join and discuss your ideas, thoughts in various ongoing chat rooms or better even create your own chat room to discuss a topic of your choice!

This app is desktop and mobile friendly

Tech Stack

- React JS
- React Router v6
- Firebase: User Authentication through Gmail, Email signup
- Firestore: Real time data persistence
- HTML, CSS, Material UI

Functionalities and Views

1. User Login

The user is sign in using **Gmail** account or with **Email id, Password** registered earlier.

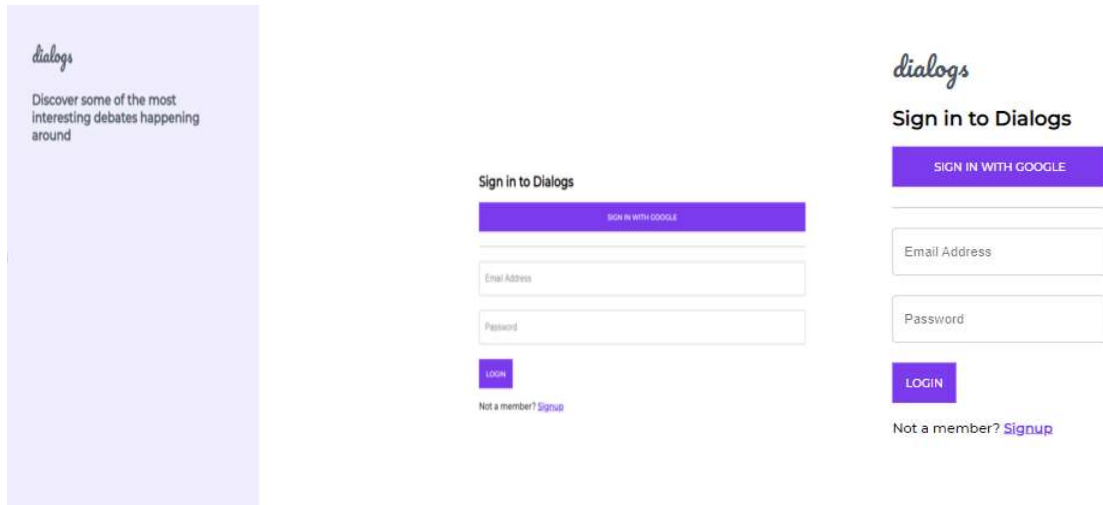


Fig 1: Login Screen

2. User Sign up

The user can sign up with Email id and password. Email id and password must meet validations.

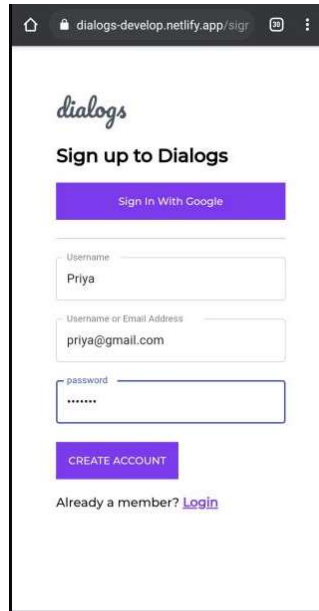


Fig 3: Sign up page

3. Home page: User can create own room for discussion, join an ongoing discussion. The live chats show up and users can join in. The saved chats can be viewed by all. User can logout when required. Saved chats also seen.

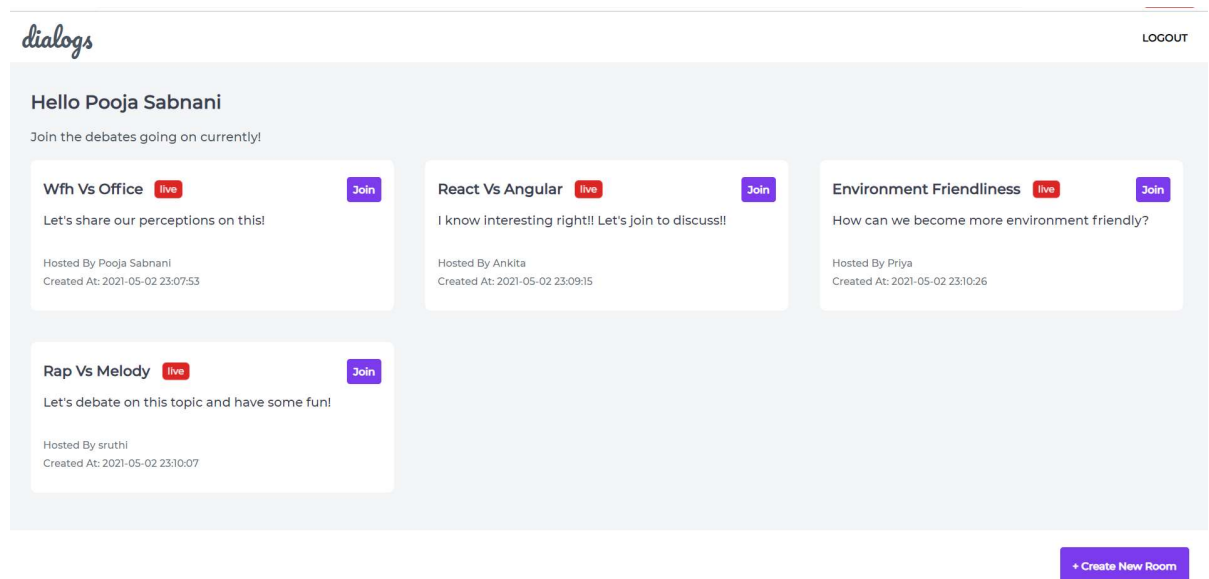




Fig 4: Home screen

4. Create Room. User can click on create room button and a modal popup with validations will open up.

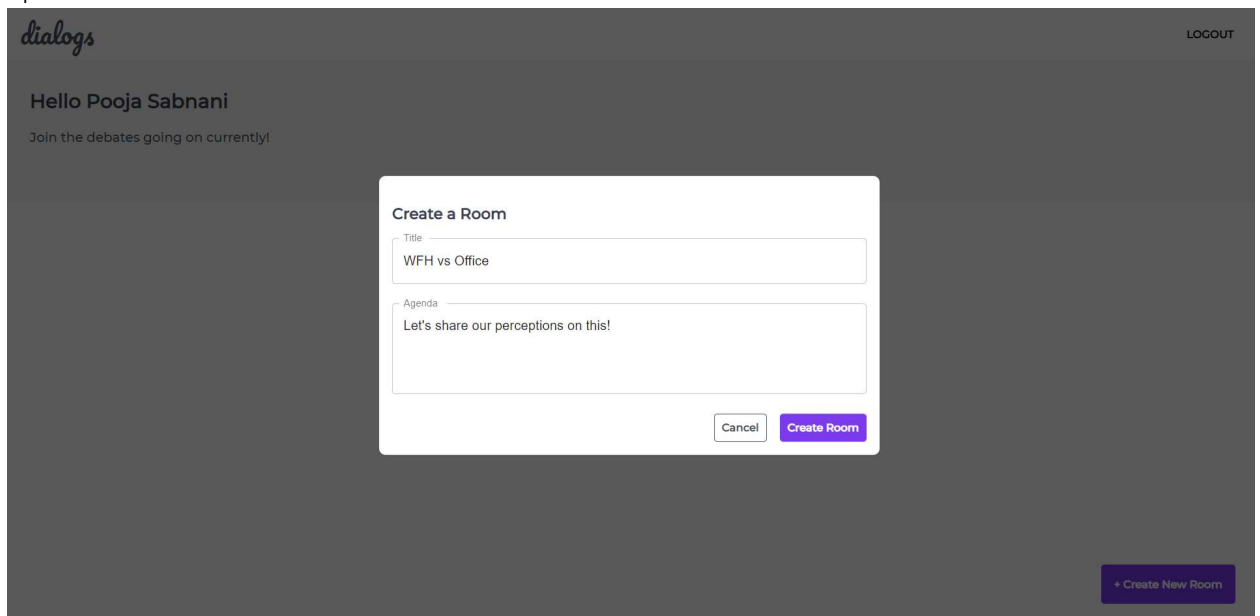


Fig 6: Create room

5. After clicking join button, user can join the chat. The admin is the creator of the chat.

Admin: Creator of the chat

Raise hand: User can request to send text message

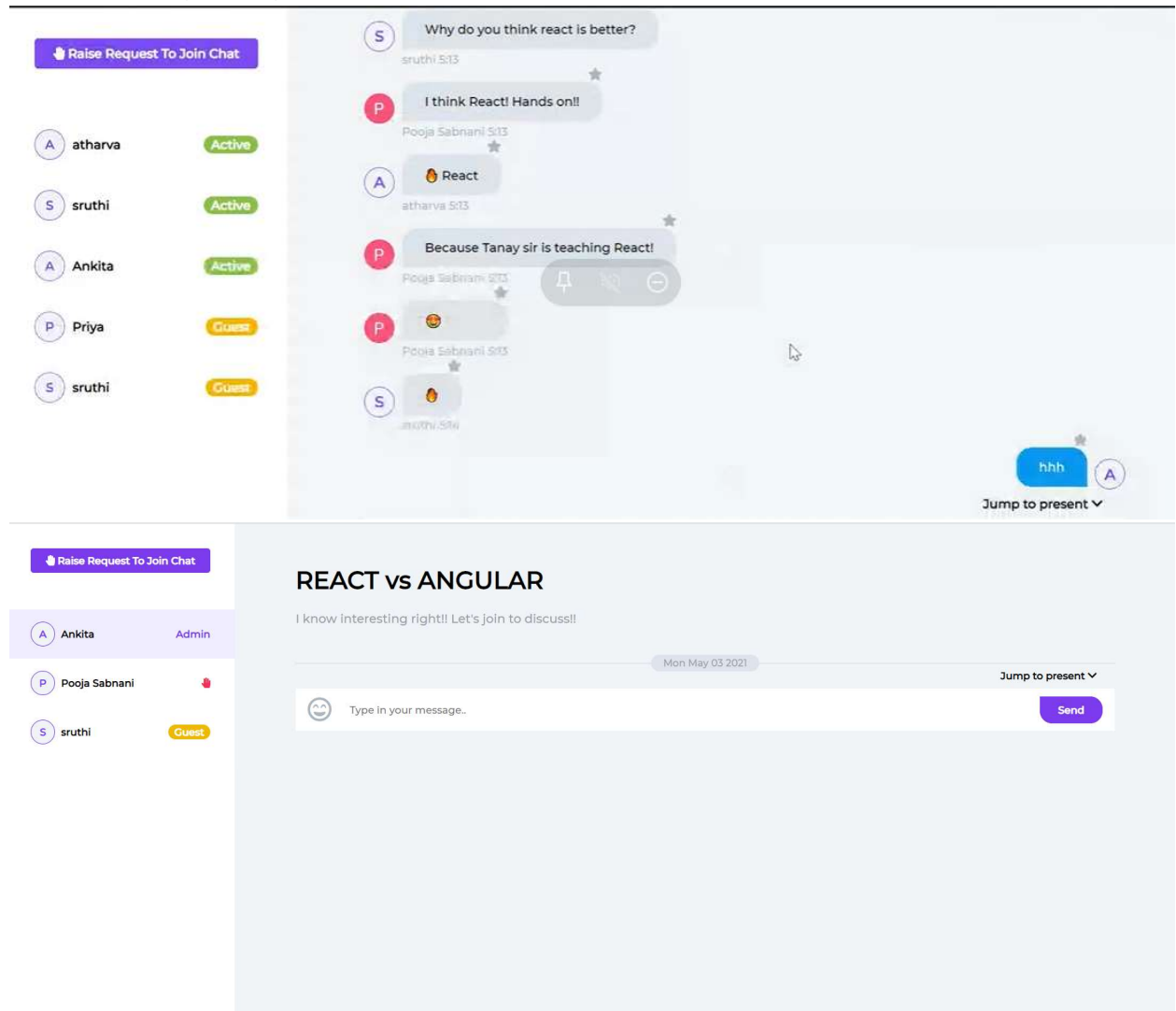
Guest user: Can only see messages

Active users: Admin approved request and can send text messages.

Smiley: users can send smileys

Highlight message: Admin has star visible to highlight the messages

When user navigates/logs out : the user is removed from the chat



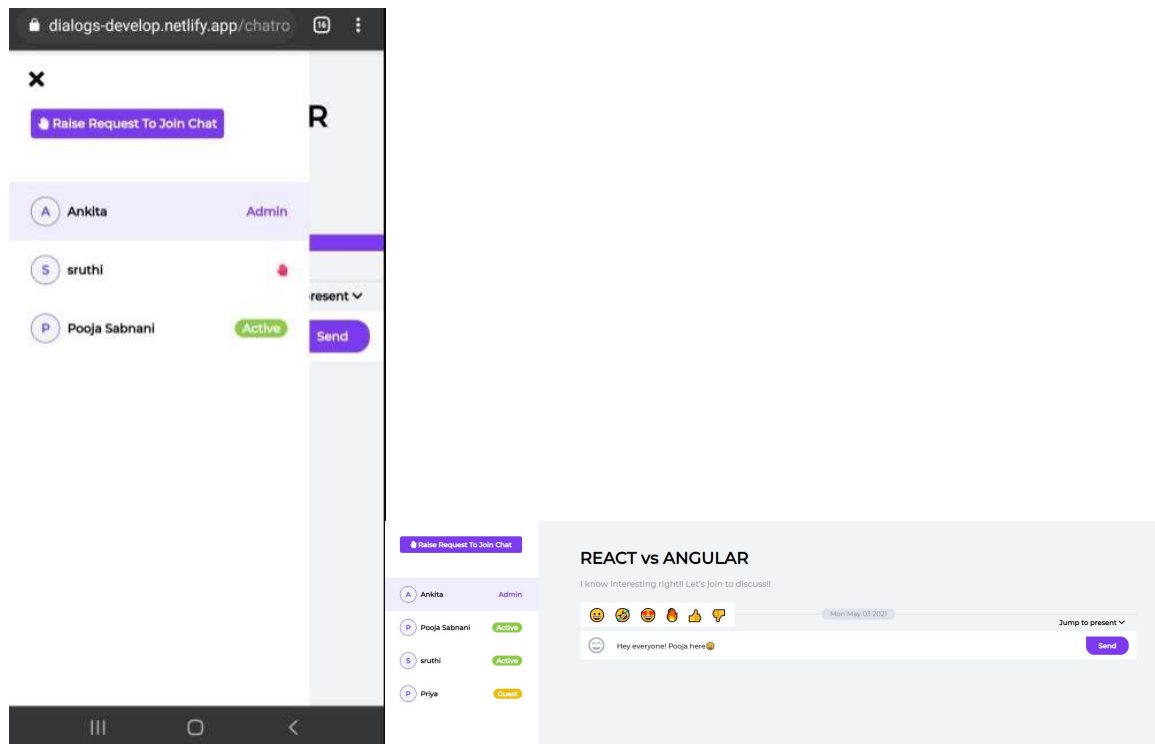


Fig 6

Future enhancement

1. Voice to text option in messages
2. Downloading saved chats in pdf format for those who missed and want to access offline.
3. Users can connect to each other on this platform
4. SEO for public chats.