Cohesive Connect App Using React, Redux and Firbase

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ABSTRACT

In the real world, we can see that sharing documents and data is quite difficult, requiring significant time to communicate efficiently study or run a business. Cohesive Connect chat software is a team collaboration tool that allows direct and indirect communication as well as group creation. Cohesive Connect is available for Both Ios and Android as well as for windows user. As a result, we would like to demolish our proposal to integrate communication technologies for educational purposes. Cohesive Connect can be easily incorporated into workflows and populated by users with great efficiency to meet purposeful communication needs at businesses, colleges and health centers.

Keywords- Document sharing, unified communications technology.

1.INTRODUCTION

Cohesive Connect is a messaging platform where we can communicate with others to get the information they need. It brings people together to work in a connected, flexible way that communicates and transforms an organization. It's the most convenient approach to communicate with anyone inside or outside the company. Cohesive Connect has a lot of advantages over other messaging apps on the market. We may use the Cohesive connect chat app to build # intro channels where we can advertise for new hires in the organisation. It implies we can send messages to generals or channels, and they will assist us in uploading an avatar and directing us to a profile. channels can offer us the opportunity to read about our company's profile and get to know you. The project is built on an advanced level of react redox idea and a foundation of basic firebase understanding. The tech-stack is a language that is both simple to use and quick to execute. This project makes use of intermediate-advanced React-Redux concepts as well as foundational Firebase database knowledge. The reason for using this technology stack is that these languages are simple to use and fast in terms of execution time.

2. LITERATURE SURVEY

[1] AvinashBamane, ParikshitBhoyar, Ashish Dugar&LineeshAntony, University of Pune. They tried different chat apps. All internet based applications these chat applications text to back up messages to be delivered by email between participants in the blink of an eye. Enter the key The result is a chat application using images and diagrams. [2] Polytechnic School Gerard Rovira Sánchez University of California, Berkeley Finale in Lleida. Project for degree issued for Computer Engineering level. The goal of this project is to construct real-time text messaging that works at the request of developers using current technological web technologies Unlike most people, the chat applications available in this market will focus on designers and try to increase their productivity. [3]Shaleem John, vaasanammatikorkeakoulu university of applied sciences Department of Information Technology. The goal of this work was to create Chat. Firebase and JS applications. based on React for conversation in the company of friends, colleagues, family and friends. In addition, teachers are the source of inspiration for this dissertation. The goal of the initiative was to create and create a chat. An application for an On-line solutions company that uses its demos to high school students in a growing situation in the country. [4]R. Gayathri, C. Kalieswari, Electronics and Communication Engineering, National Engineering College Kovilpatti, Tamilnadu. A Static Socket is a type of connector. Designed, a socket for a server instance n Especially hosted after running to a server. Accept requests from customers, share resources.[5]Er. Kavindra Singh, Christ University, Bengaluru, Karnataka. This system was primarily created to provide a discussion forum for all types of education by offering them a platform to converse and resolve issues related queries. [6] However, according to Randall (1997), the purpose of chat users is to socialize. However, he emphasized that this type of socialization differs from that in the real world in that the former only 759 International Journal of Research Publication and Reviews Vol (2) Issue (8) (2021) Page 758-761 involves exchanging words with other users. , while the other involves face-to-face

interaction with others. While the trend of chat use is growing, Randall believes that children and youth will be discouraged from traditional social contact in favor of contact in cyberspace. However, despite the fact that the probability of this phenomenon occurring is quite high, Randall believes that it is neither right nor wrong. [7]According to Hauben's (1997) writing, once the impact or influence of the first impression is removed, users are free to communicate through chat without fear, restriction or concern. This statement actually identifies the primary reason for the increased use of chat. However, one benefit doesn't seem to be enough to entice such a large number of users to use the chat, so it seems there may be another benefit. [8]As a result, Licklider (1997) argued that people can communicate online with others who share similar goals and interests, which enriches their lives and makes communication more productive and enjoyable. Although Licklider is a prophet of the net, chat seems to have this advantage. [9]Actually, chat is a type of Internet technology that enables communication between people. One of the newest chat programs is ICQ. With the development of technology in the last two years, there has been an increase in the use of ICQ for communication. ICQ users can chat, send messages, files and URLs, and play games with other users in real time. Due to the widespread use of chat services such as ICQ, studies have focused primarily on its impact on our society. [10] MahaSabri Altemam proposed his research paper on voice chat application using socket programming. In this research paper, he used socket programming to record their voice and later send it to their communication partner. In this research paper, he used text chat to ensure that if the voice communication system goes down, text chat can be used.

3. OBSERVATIONAL STUDY

To build this application we have used react, redux and firebase.

fig 1

You can login in to all of your Cohesive Connect workspaces with the same email address, whether you're a member of one or many. Continue reading to find out how to sign into Cohesive Connect using your email address, android Id, or Google account.
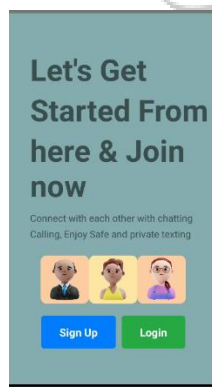

fig 2: login or signup

Using React to create login and signup forms With complete user validation and registration via email/password via Firebase authentication.

Fig 3: Login and Create account

After you've entered the app When you open the Cohesive Connect chat app, you will see a number of buttons from which you can connect with new people.

Using React, create login and signup forms With complete user validation and registration via email/password via Firebase authentication.

Making user data available in the global state, followed by the development of app components such as the side panel, metadata panel, and, finally, the

message section. *Scaffold the message components and build the messaging section.

Adding direct and private messaging features to users

 Improve the application by incorporating some new cool features.

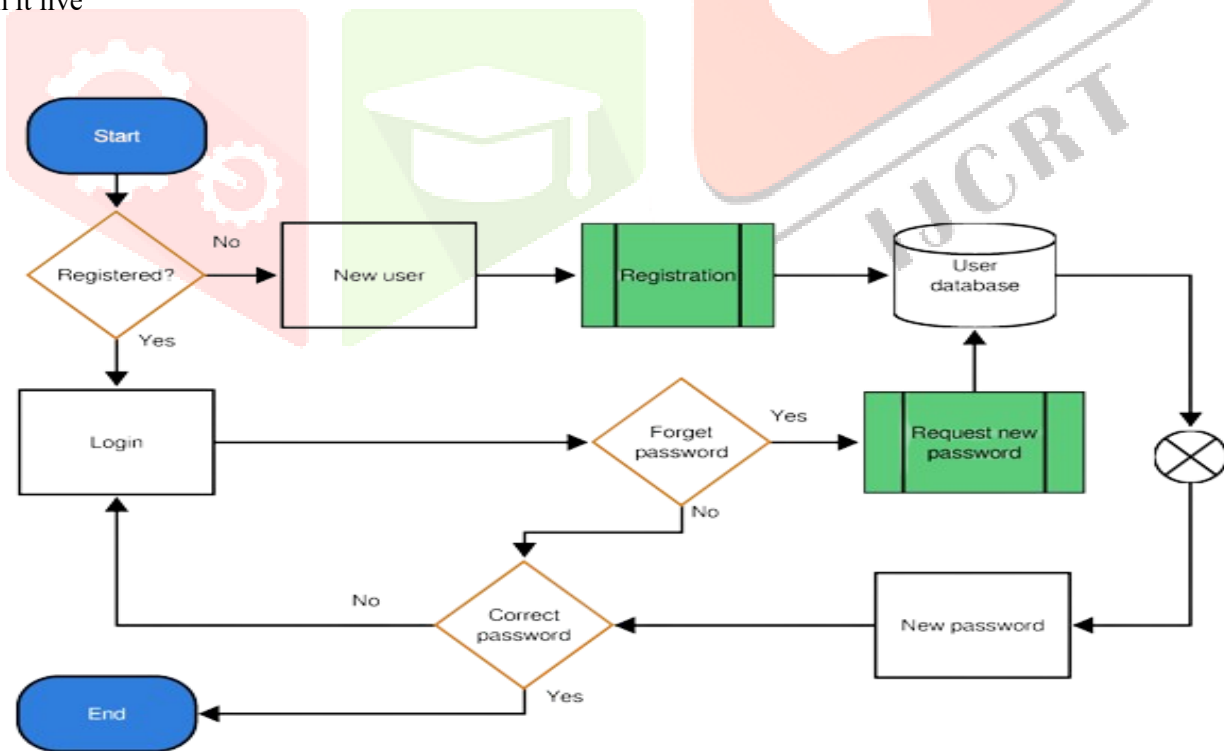Installing and configuring the app.

Stream it live

Fig 4 Propoesed Methodology

4.IMPLEMENTATION OF ALGORITHM

As an input, our algorithm will accept the following.

Import firebase from 'firebase/app'; import 'firebase/firestore'; and import 'firebase/auth'. firebaseConfig from './app.config' import

firebaseAppconst = firebase.initializeApp

(firebaseConfig) db = firebaseApp.firestoreconst () auth = firebaseApp.authconst ()

newfirebase.auth.GoogleAuthProviderconst provider = new firebase.auth.GoogleAuthProvider () export authentication, provider export the default

database .

5. CONCLUSION

The idea behind the project title is to create a chat app that schedules and manages events as well as provides social interaction Messaging and sending pictures, emojis etc. It is a collection of useful features that will help you in your planning. planning and management Your work and personal information. It is very beneficial from the point of view of acquiring proper amount of knowledge and information. we probably Spend most of your time on chat apps!