

Connectify

A Real-Time Communication Platform built on Flutter

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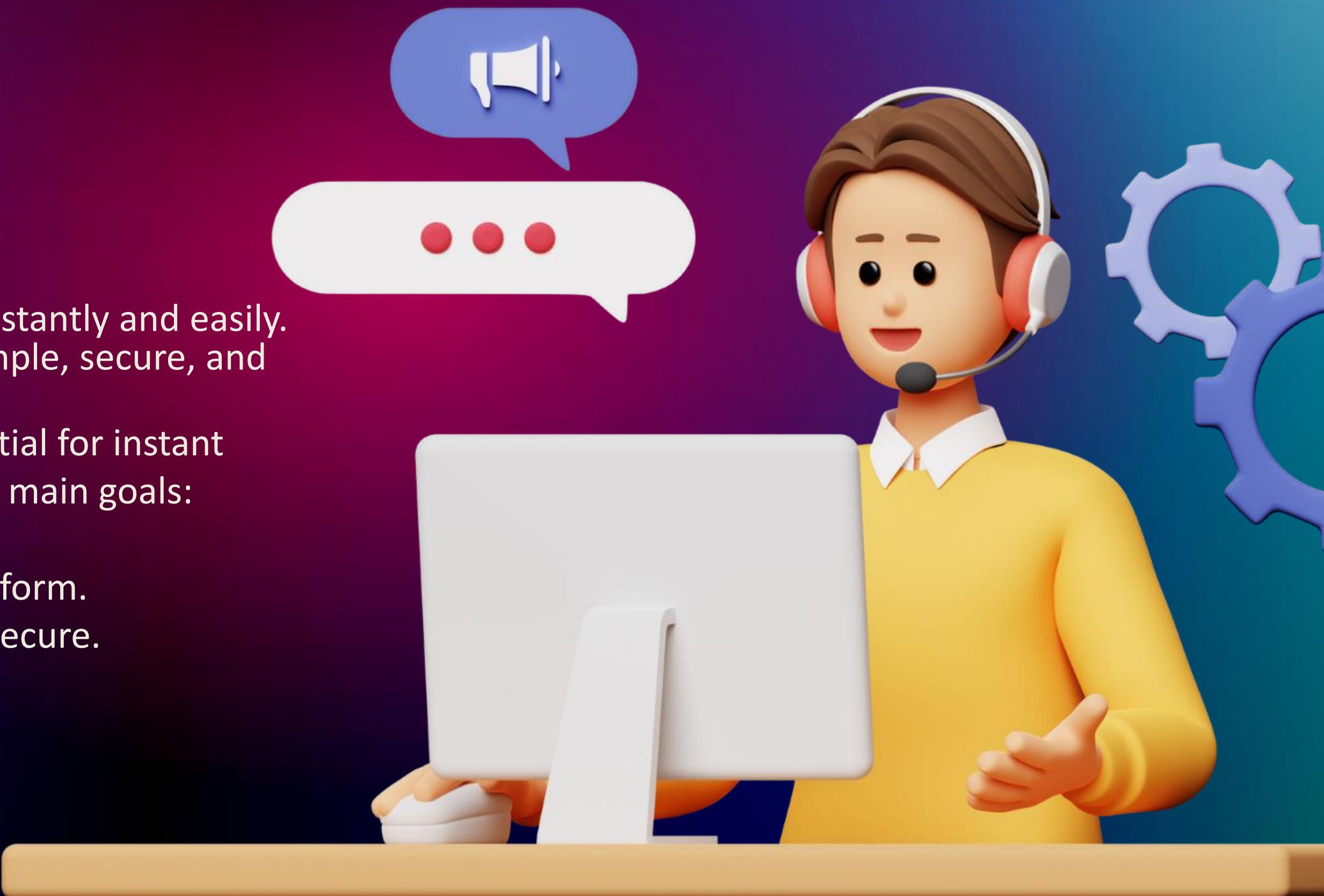


Importance of Connectify

Today, chat apps help people connect instantly and easily. This project, **Connectify** is creating a simple, secure, and fast platform.

In the digital world, chat apps are essential for instant connection. This project focuses on two main goals:

- To build a reliable real-time chat platform.
- Making communication simple and secure.



Technology Used



Frontend : Flutter



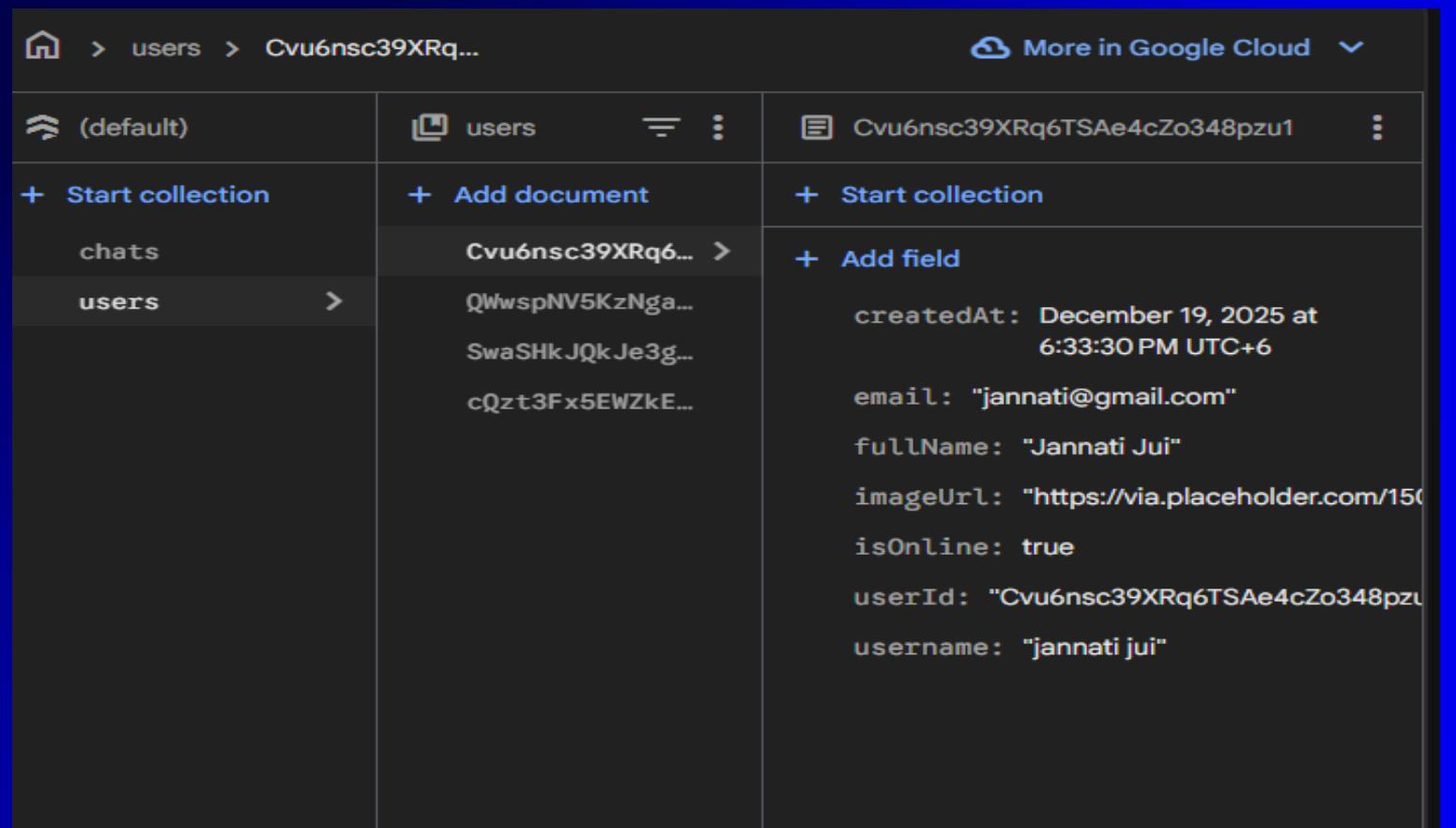
Backend : Firebase



Search by email address, phone number, or user UID					Add user
Identifier	Providers	Created ↓	Signed In	User UID	
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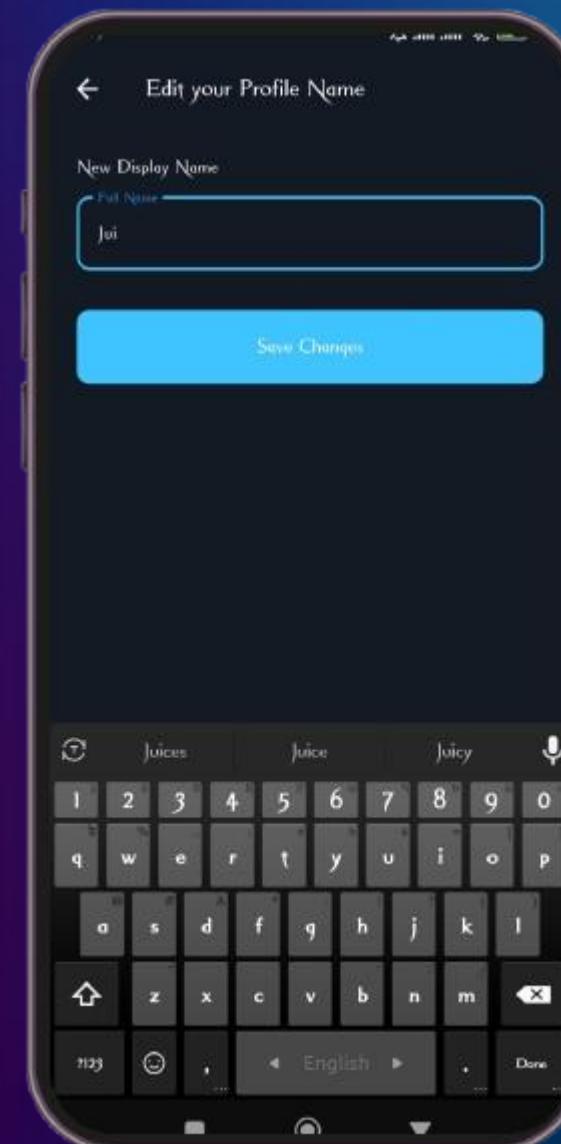
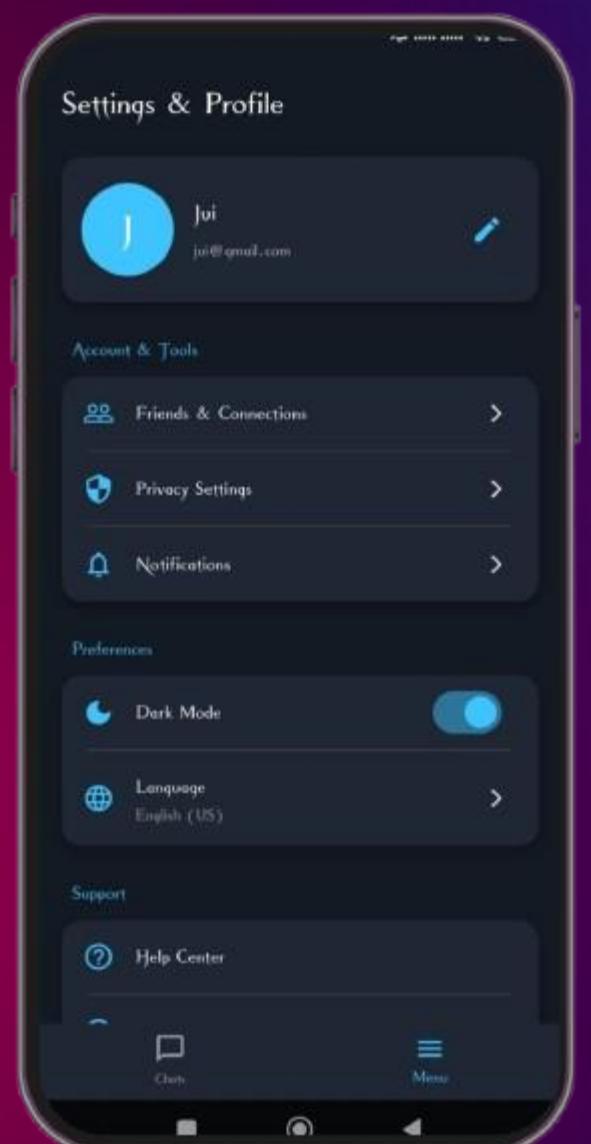
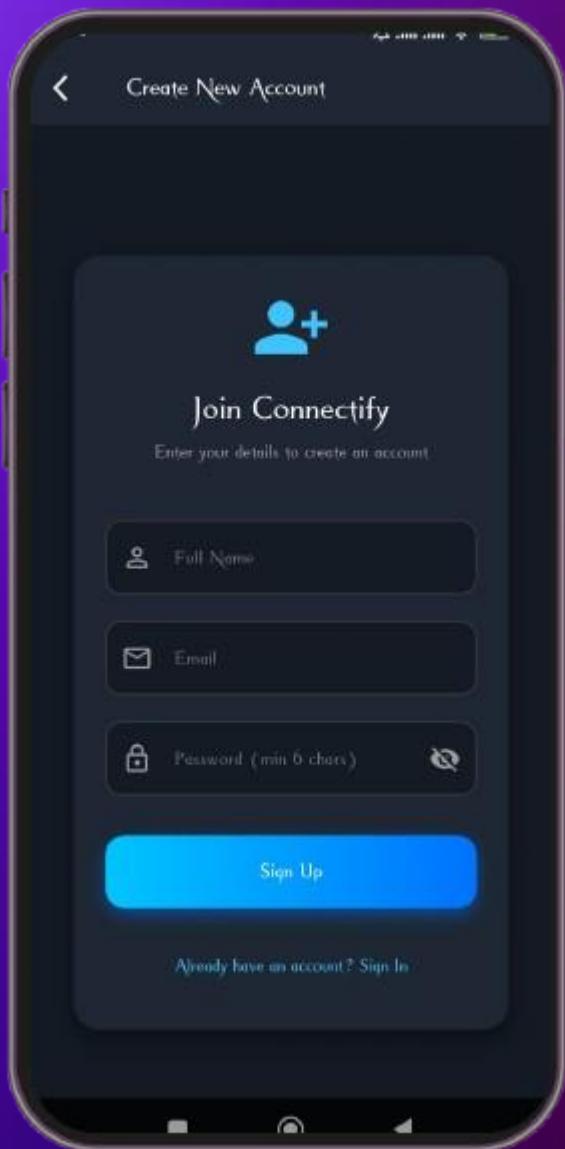
Database : Firestore Database



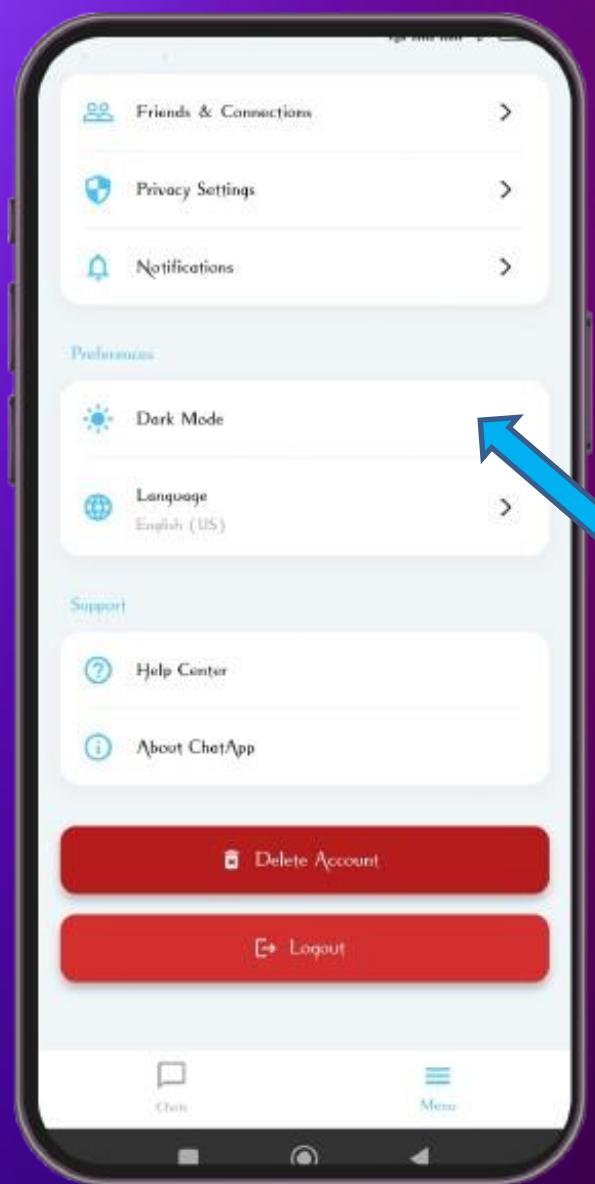
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+ Start collection	+ Add document	+ Start collection
chats	Cvu6nsc39XRq...	+ Add field
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	SwaSHkJQkJe3g...	email: "jannati@gmail.com"
	cQzt3Fx5EWZkE...	fullName: "Jannati Jui"
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		username: "jannati jui"

Core Functionality of Connectify

- **Account Creation and Login :** Users can securely Sign Up and Log In using Firebase Authentication. The system allows users to access their chat history and features immediately after successful login.



Dark/Light Theme : Users can switch between Dark Mode and Light Mode



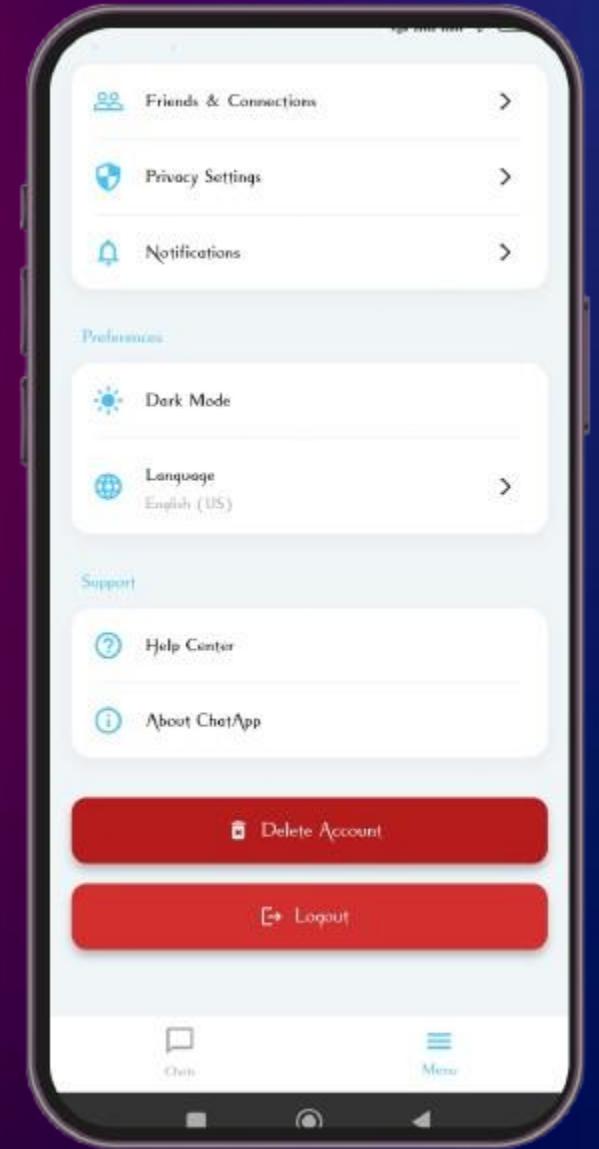
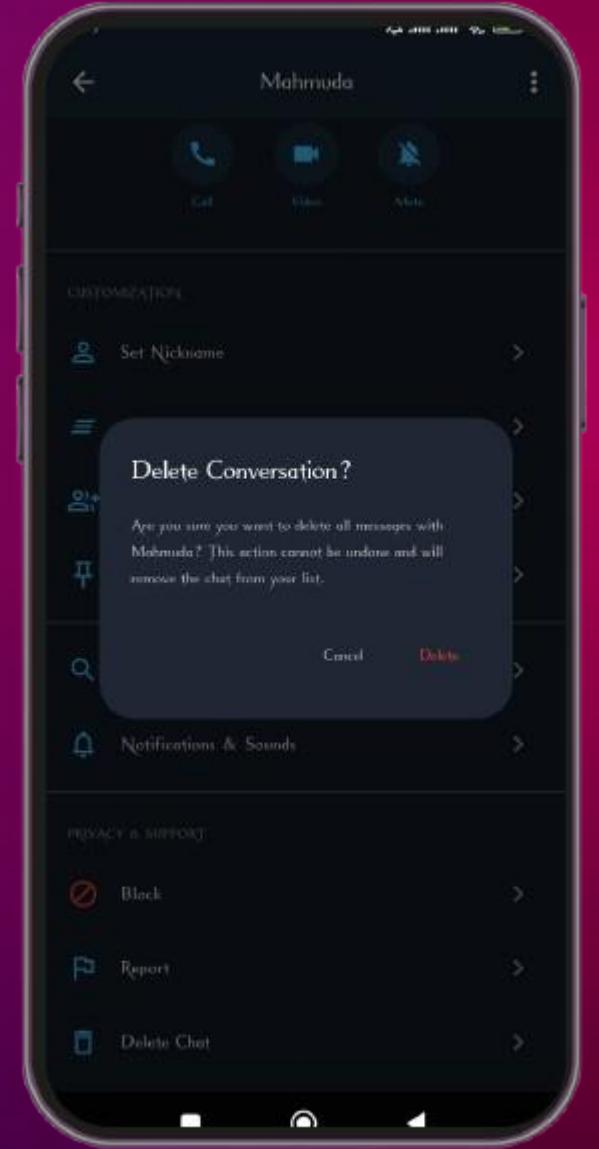
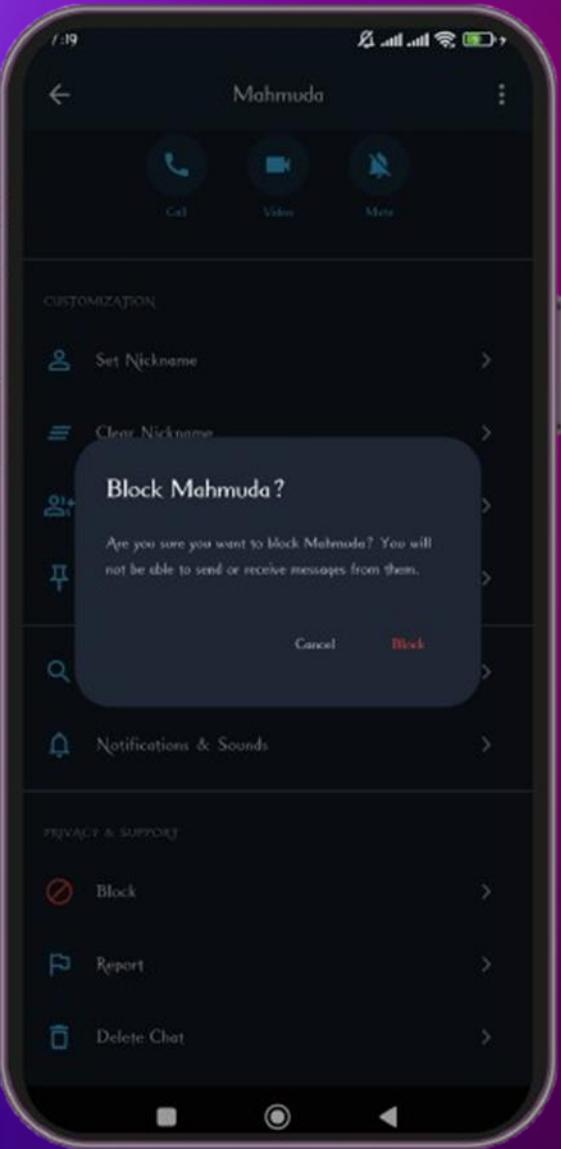
Find & Chat Instantly : Users can **search for any other registered users by name** through a fast and efficient search mechanism. Once connected, they can **send and receive messages instantly**. Every delivered message includes an **accurate time stamp**, ensuring a reliable real-time communication experience.



Customize Nickname : Easily set unique nicknames for your friends



Block, Delete, and Control : Easily Block users and Delete any conversation . When a user is blocked, they are **prevented from sending any further messages** until the user decides to unblock them, ensuring immediate privacy and control.



Permanent Account Deletion : Users can choose to **permanently Delete their account** at any time.

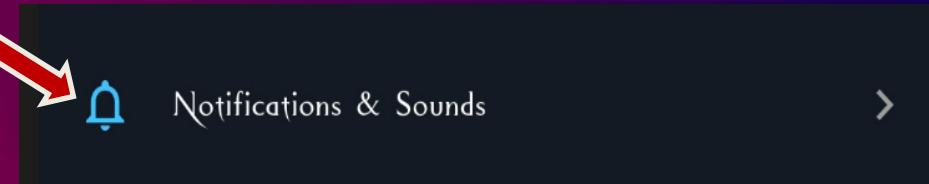


Future Implementations

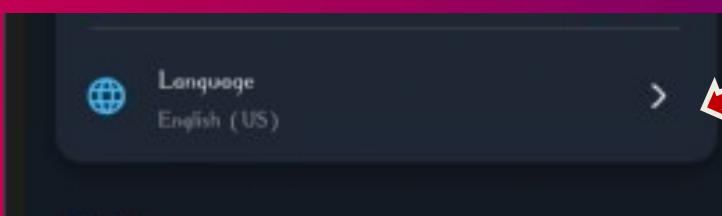
Real-Time Calling : Adding voice , audio and video calling capabilities.



Notifications : Implementing a system to instantly receive notifications for new messages or activities.



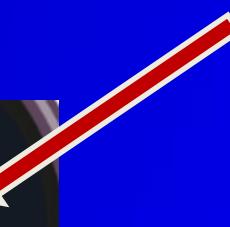
Support for More Languages : We plan to add different languages so more people around the world can easily use the app.



Multimedia Sharing : Allowing users to send pictures directly within the chat.

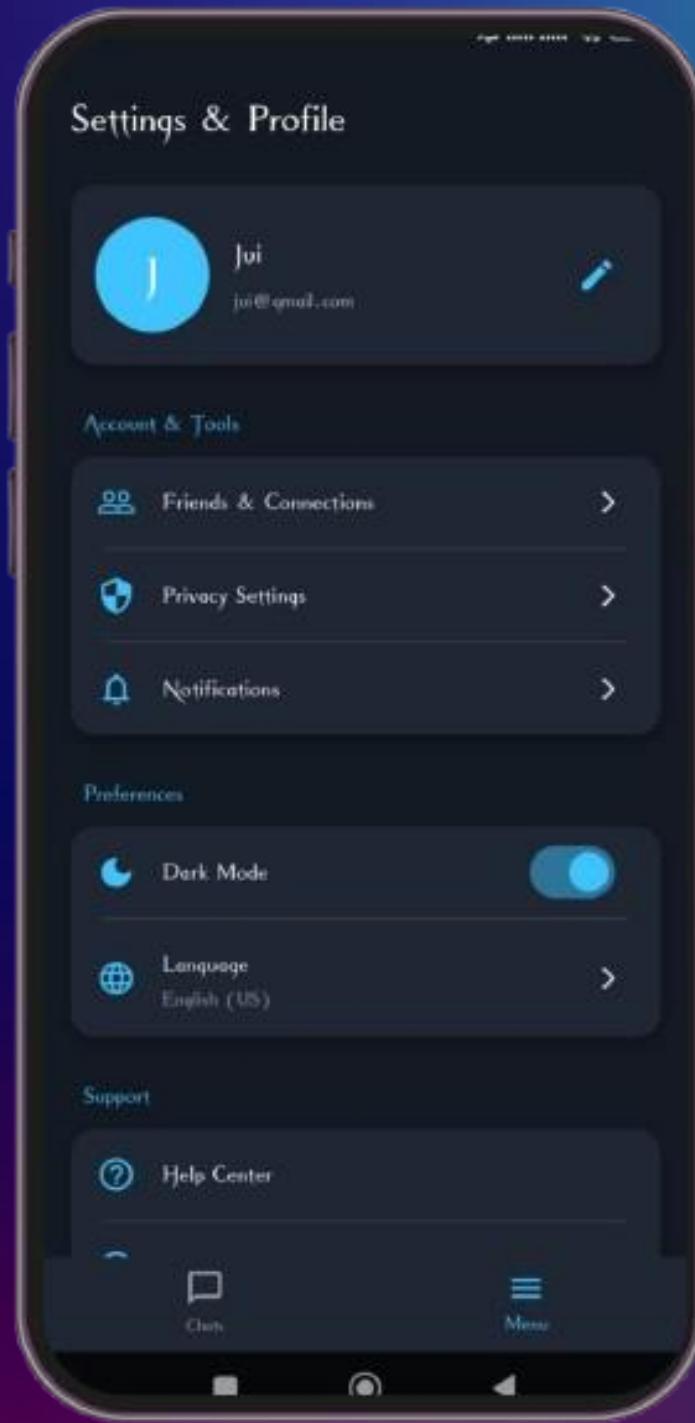


Group Chat : Developing the feature to **create and manage group conversations**.



Conclusion

- ❑ We built a **safe chat app** with **real-time text messaging**.
- ❑ Users can easily **find and talk to friends**.
- ❑ users **Block** any contact and **Delete** conversations to manage their safety
- ❑ Users have full control to **Delete their account** forever and use **Dark Mode**.
- ❑ It is a **strong base** for future updates and growth



Thank You

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