

Connectify

A Real-Time Communication Platform built on Flutter

Presented by Jannati Akter Jui

Roll : 616382

Registration : 1502175574

Deptment :Computer Science & Technology

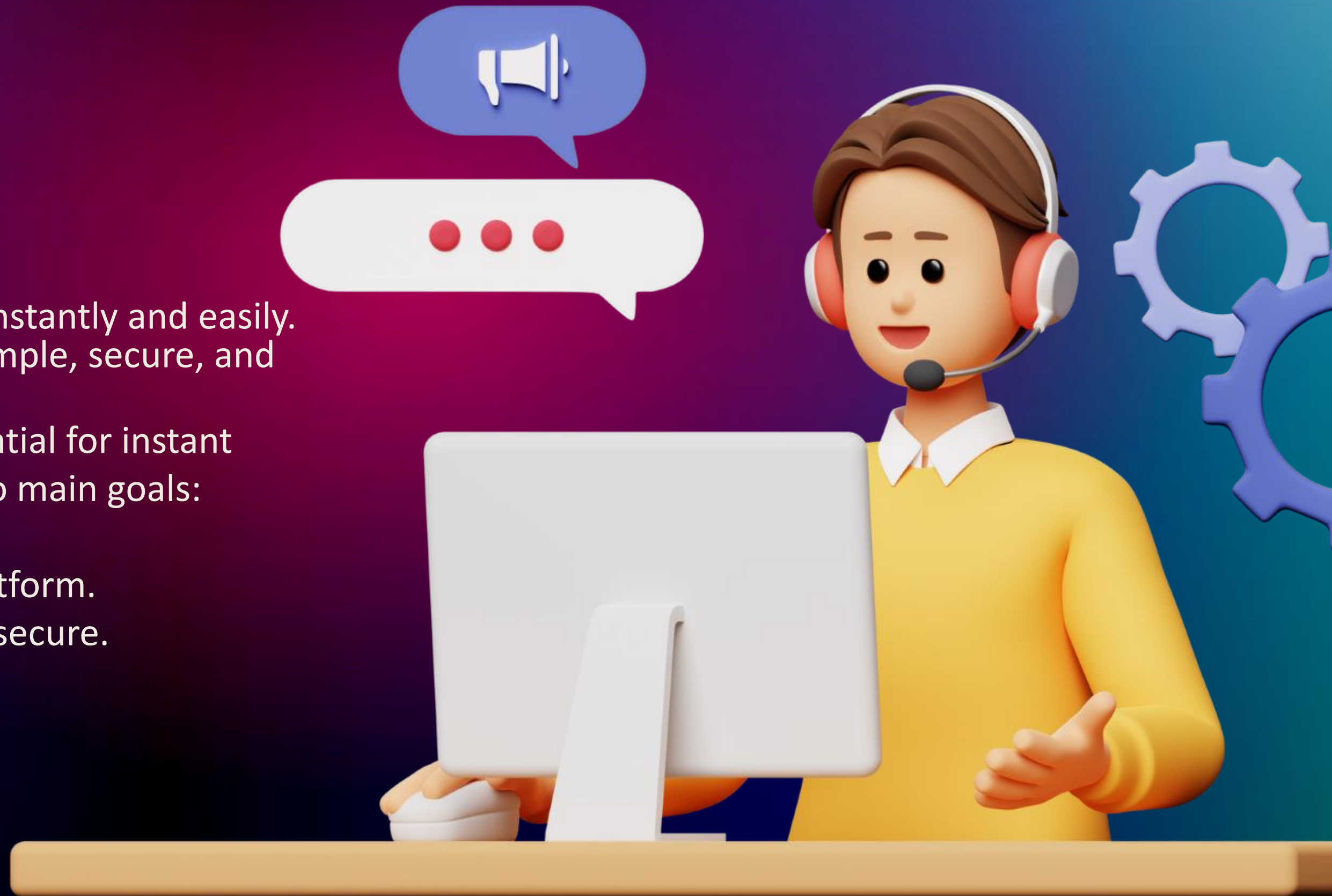


Importance of Connectify

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



Database : Firestore Database

Search by email address, phone number, or user UID					Add user
Identifier	Providers	Created ↓	Signed In	User UID	
jui@gmail.com	✉	Dec 20, 2025	Dec 21, 2025	QWwspNV5KzNga2LdpvipnH...	
mahmuda@gmail.com	✉	Dec 20, 2025	Dec 20, 2025	cQzt3Fx5EWZkEYGGGIR3byB...	

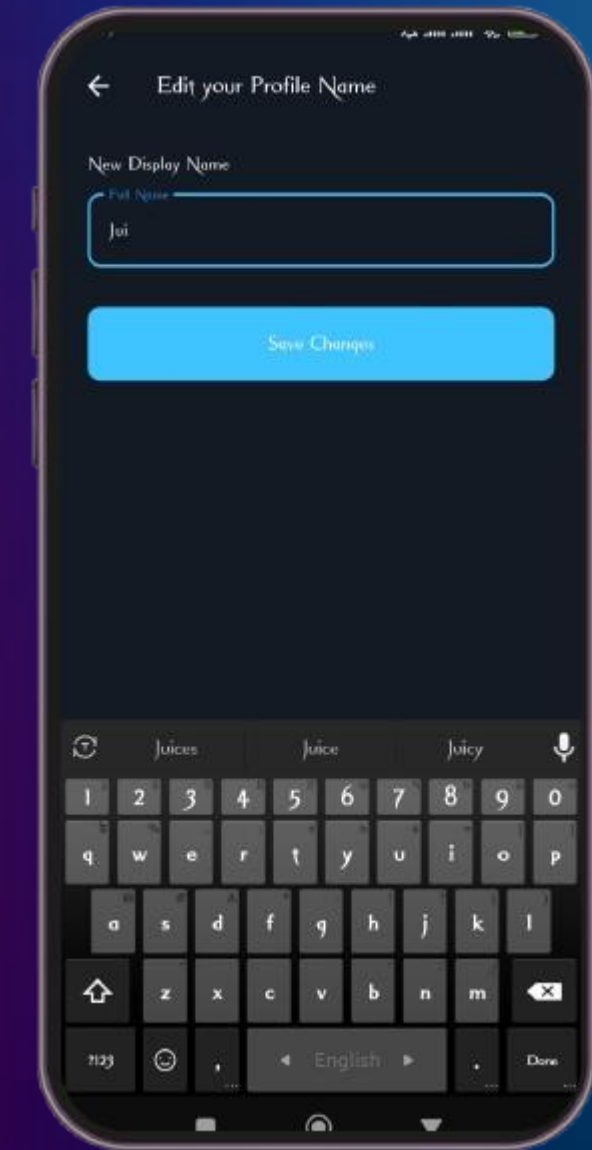
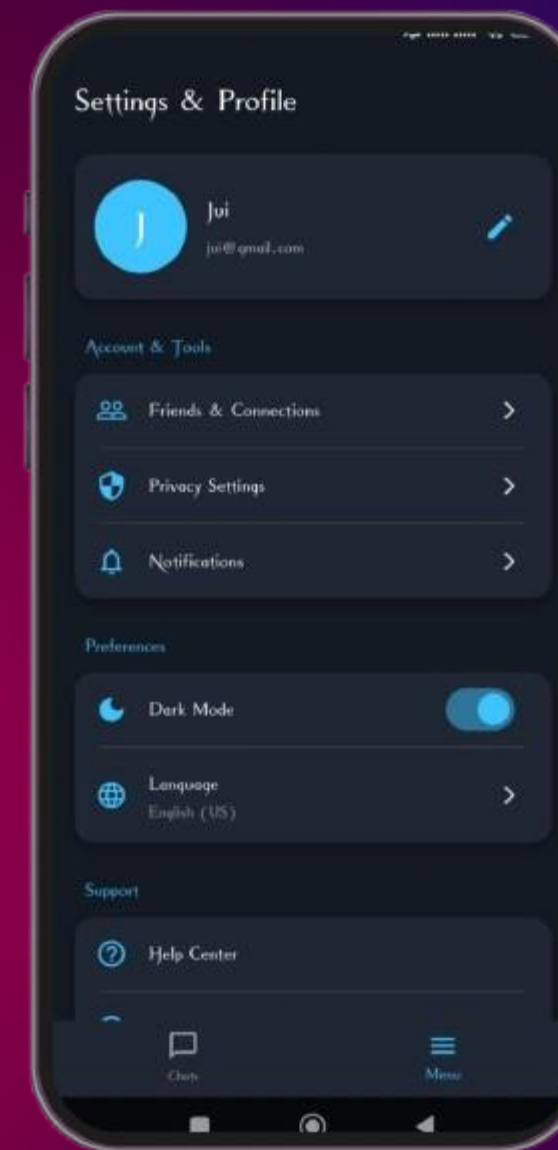
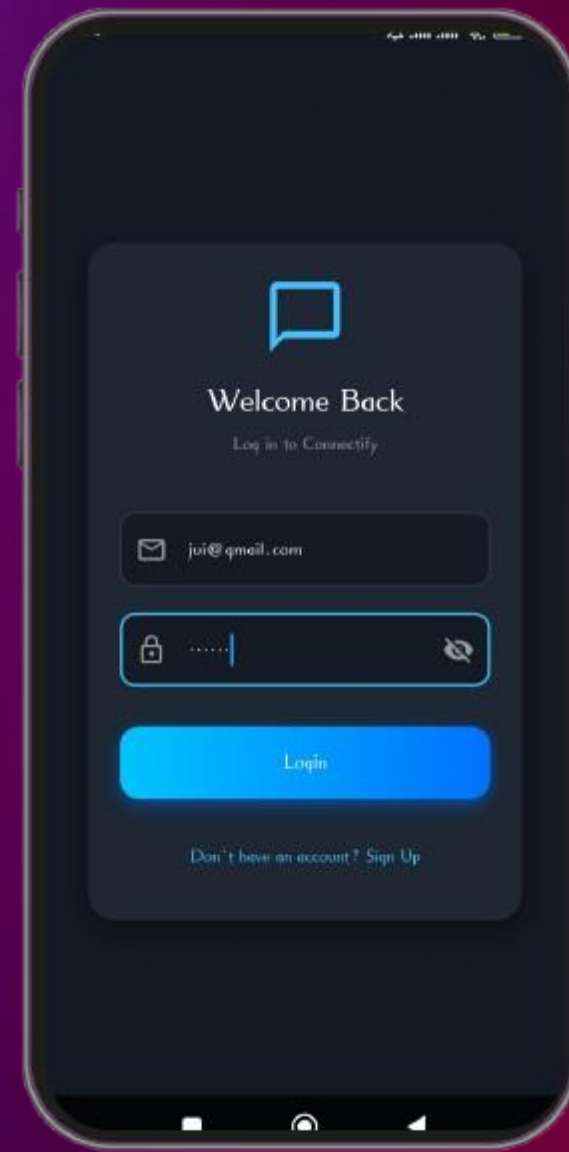
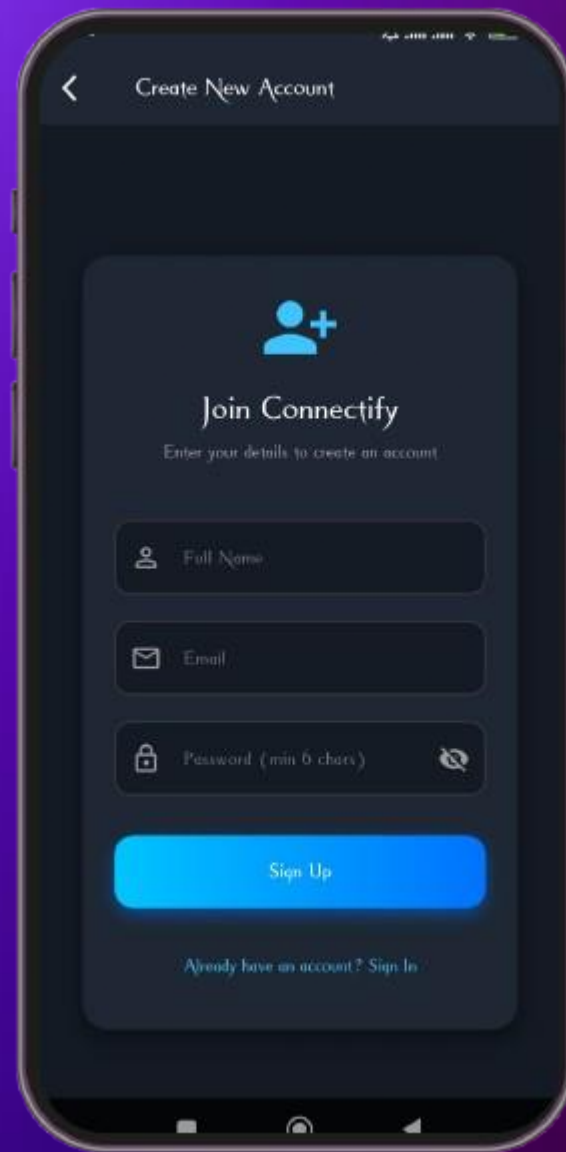


More in Google Cloud		
(default)	users	Cvu6nsc39XRq6TSAe4cZo348pzu1
+ Start collection	+ Add document	+ Start collection
chats	Cvu6nsc39XRq6...	+ Add field
users	QWwspNV5KzNga...	createdAt: December 19, 2025 at 6:33:30 PM UTC+6
	SwaSHkJKkJe3g...	email: "jannati@gmail.com"
	cQzt3Fx5EWZkE...	fullName: "Jannati Jui"
		imageUrl: "https://via.placeholder.com/150"
		isOnline: true
		userId: "Cvu6nsc39XRq6TSAe4cZo348pzu1"
		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.

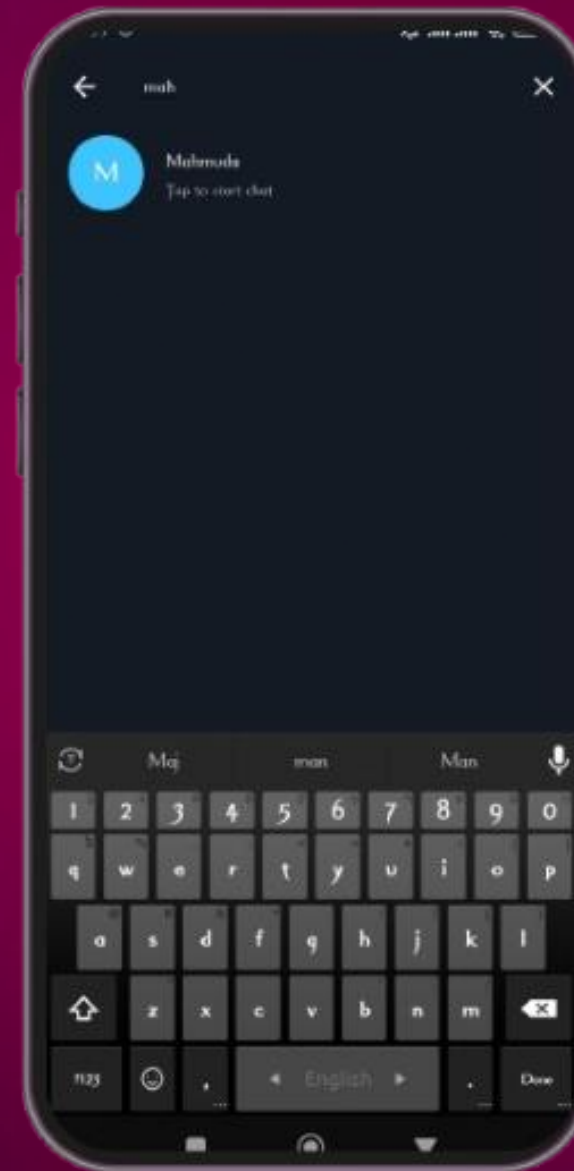
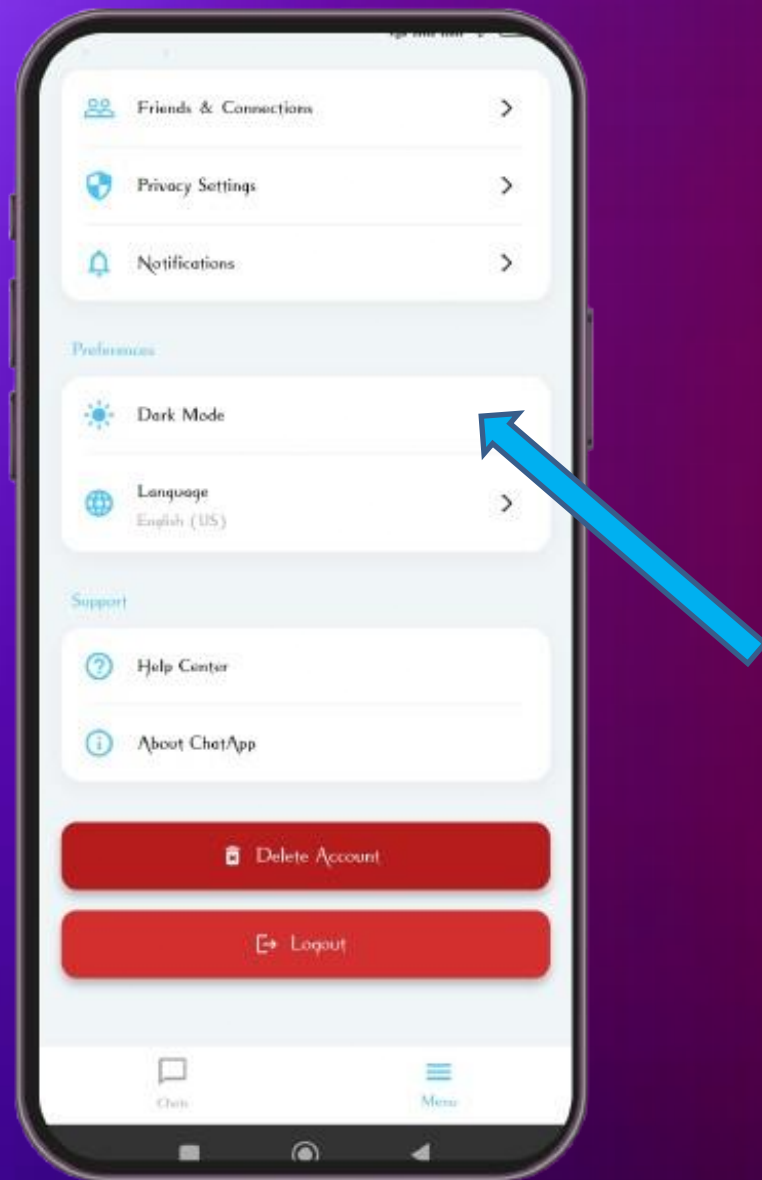
- ❑ **User Profile** : Users can manage their account details and are free to update their display name anytime



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

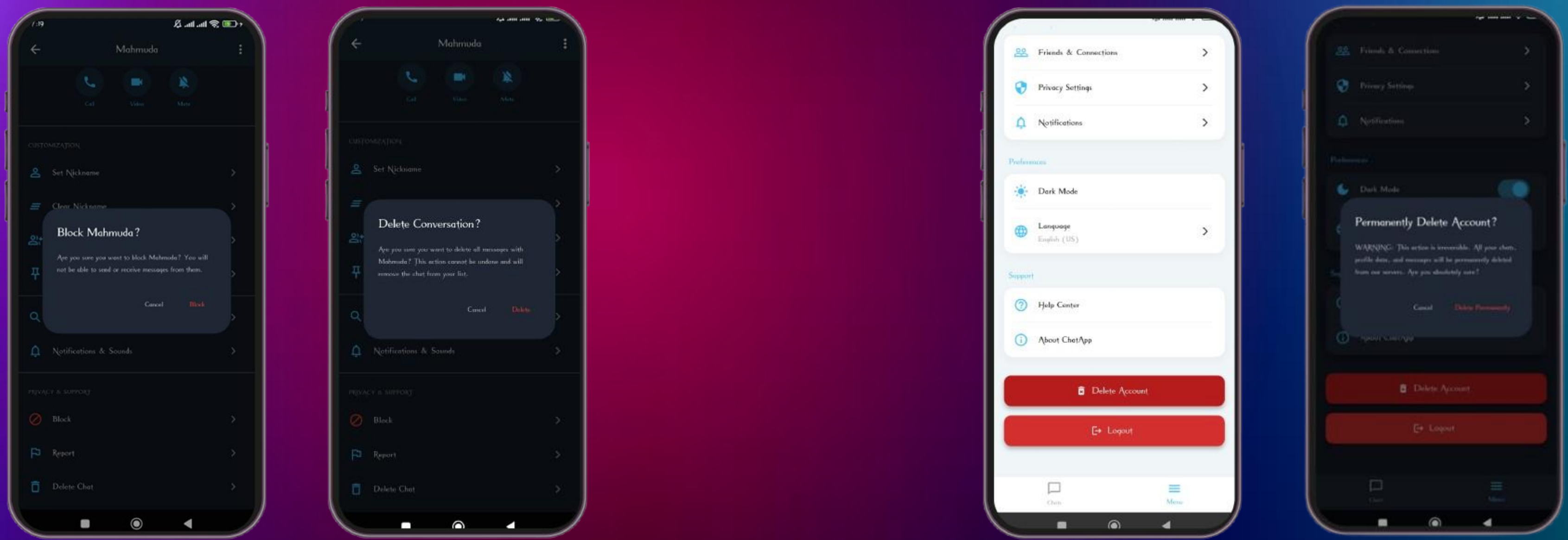
❑ **Find & Chat Instantly** : Users can **search for any other registered users by name** through a fast and efficient search mechanism. Once connected, they can **send and receive messages instantly**. Every delivered message includes an **accurate time stamp**, ensuring a reliable real-time communication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

❑ **Customize Nickname** : Easily set unique nicknames for your friends



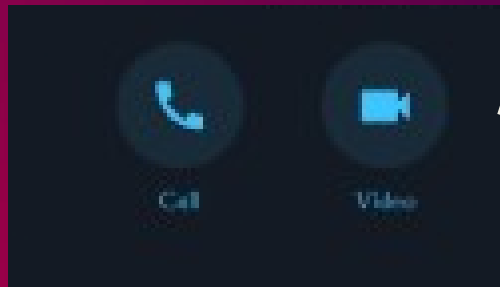
Block, Delete, and Control : Easily Block users and Delete any conversation . When a user is blocked, they are **prevented from sending any further messages** until the user decides to unblock them, ensuring immediate privacy and control.

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

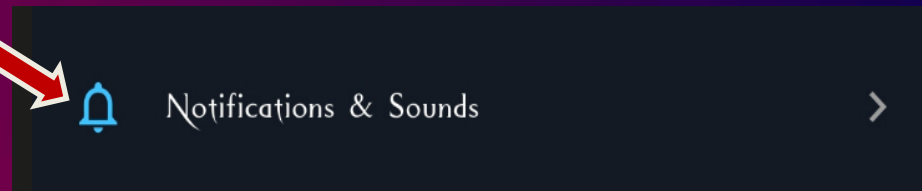


💡 Future Implementations

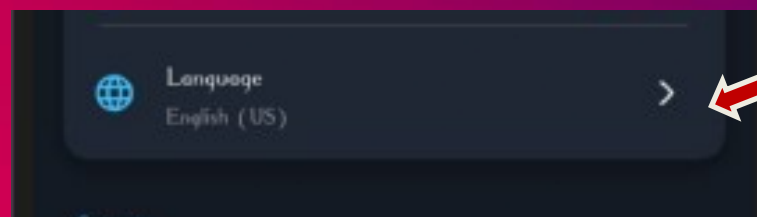
Real-Time Calling : Adding **voice** , **audio** and **video** calling capabilities.



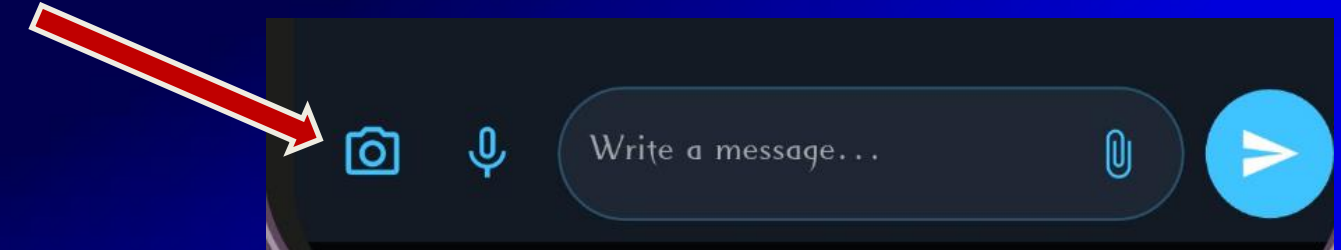
Notifications : Implementing a system to instantly receive **notifications** for new messages or activities.



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.

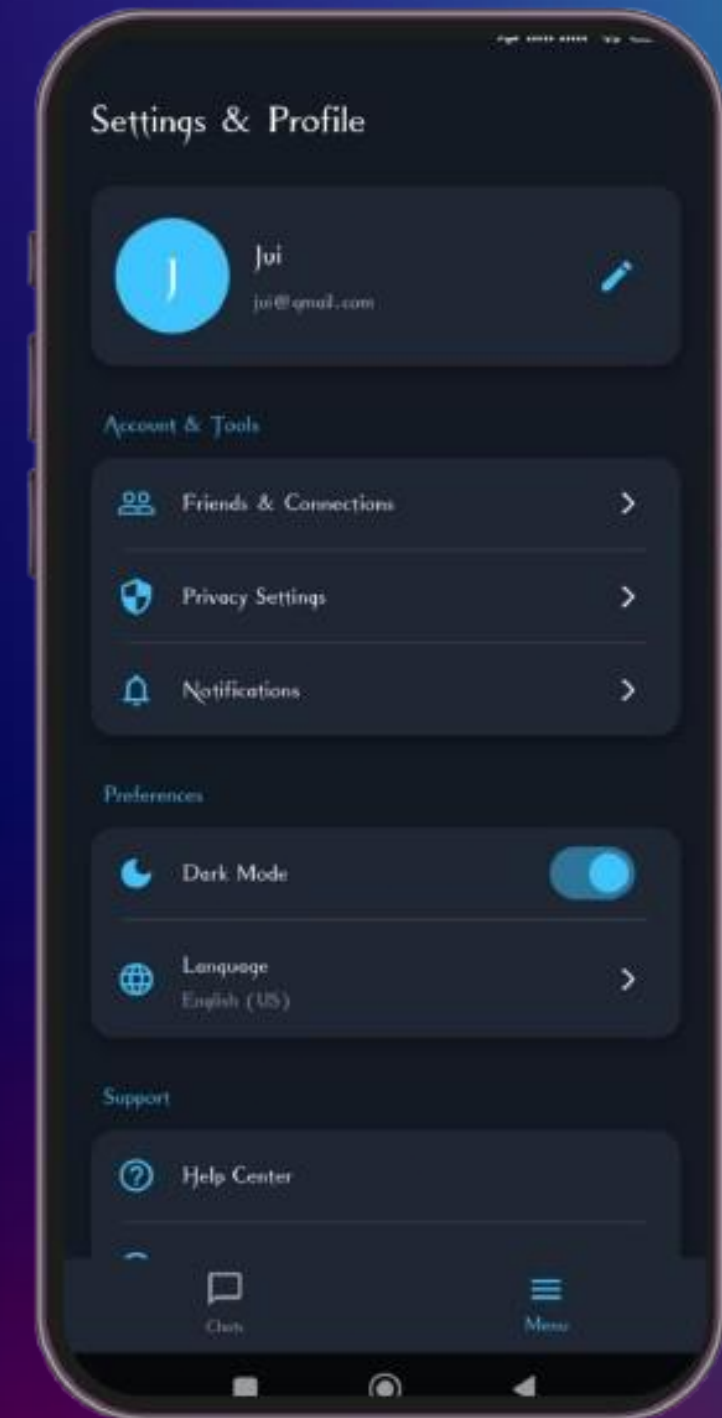


Group Chat : Developing the feature to **create and manage group conversations**.




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

 **juifull196044@gmail.com**

 **<https://github.com/jui1960>**

 **+8801339661206**

