Connectify

A Real-Time Communication Platform built on Flutter

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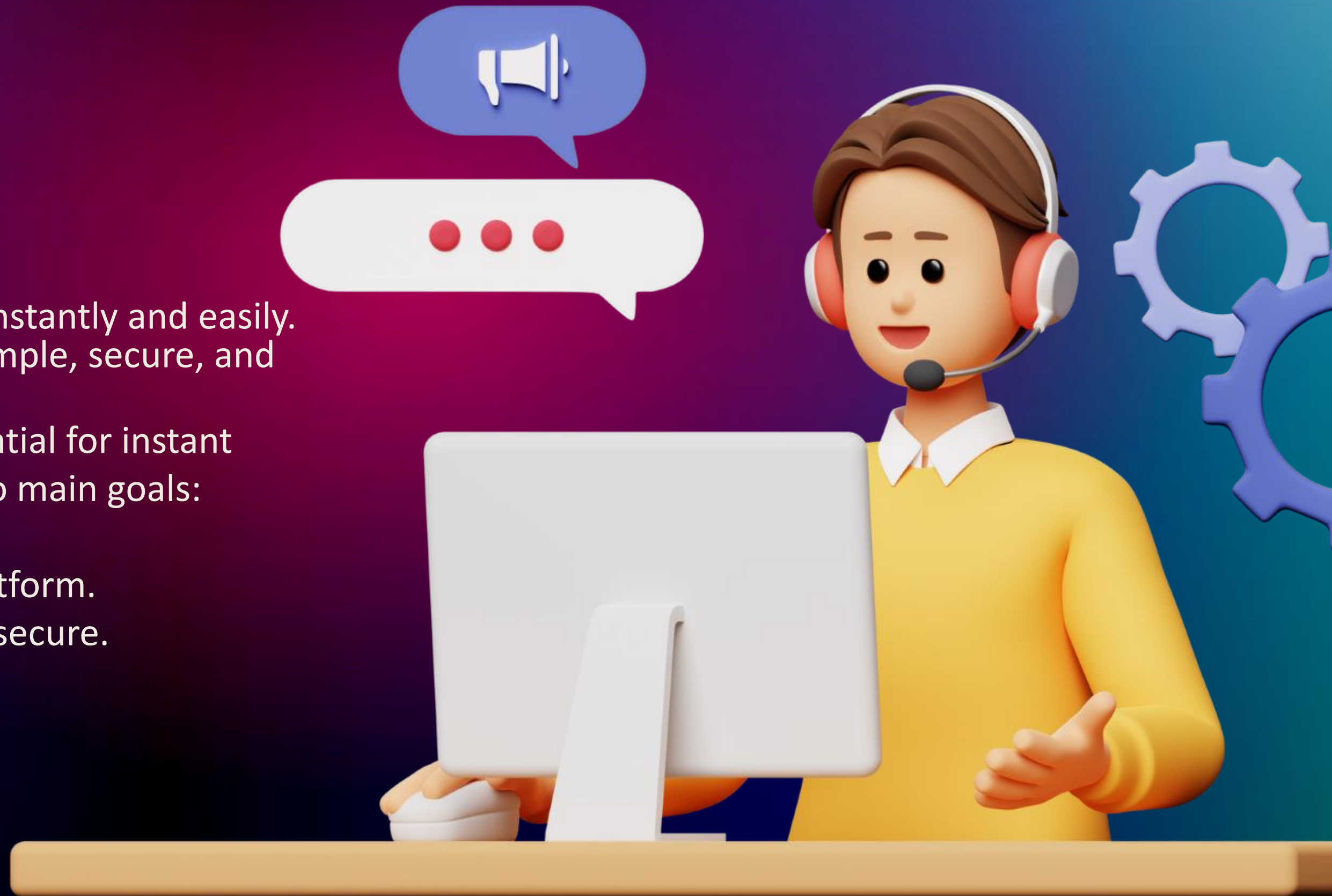Deprtment :Computer Science & Technology

ChatApp

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

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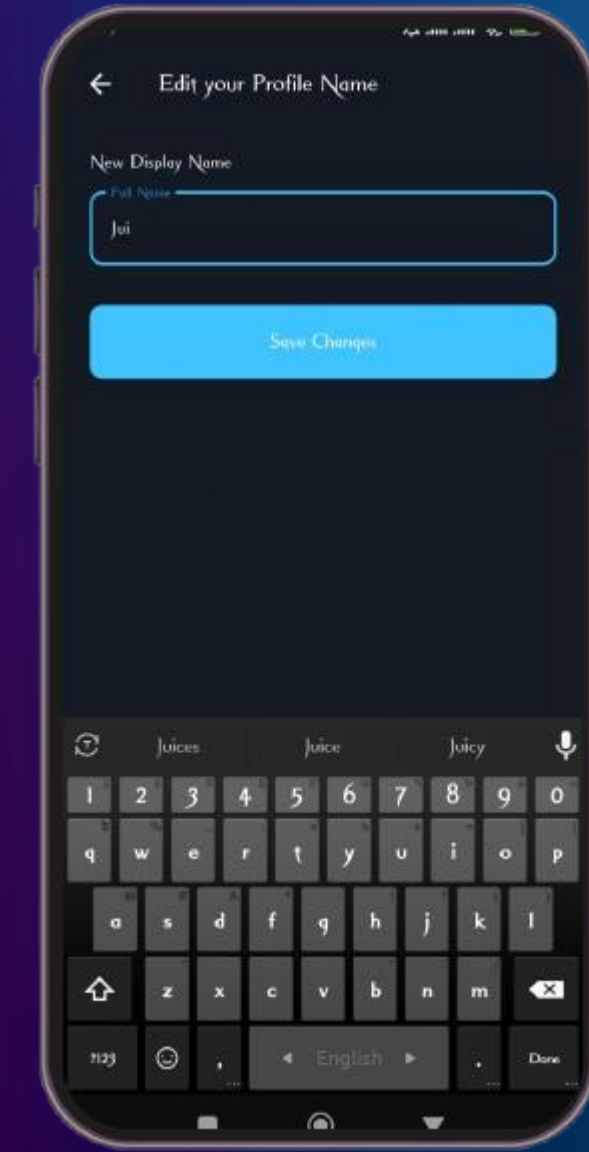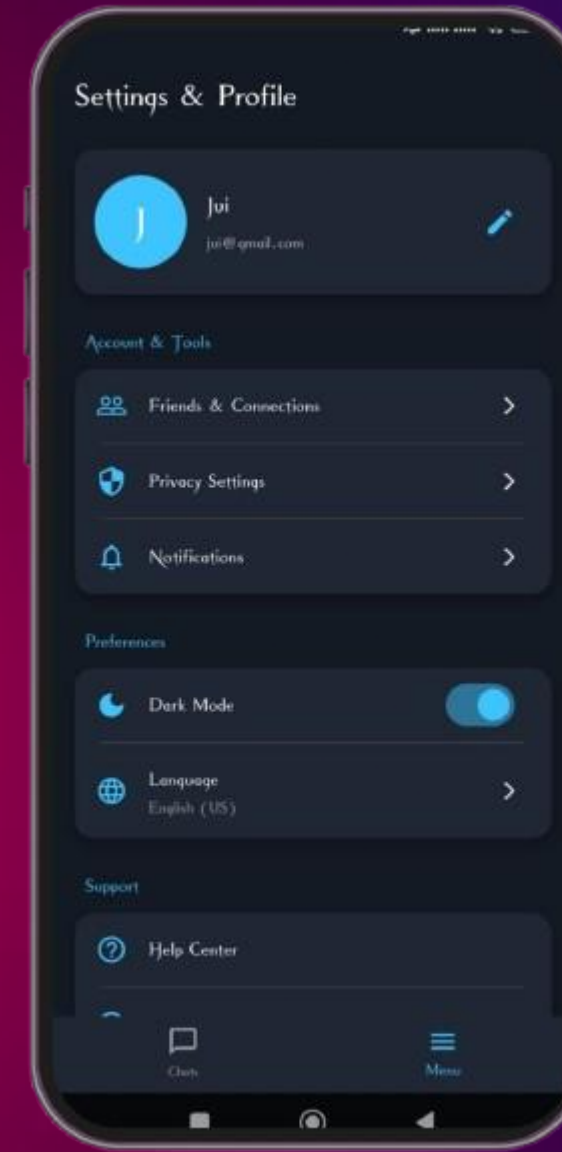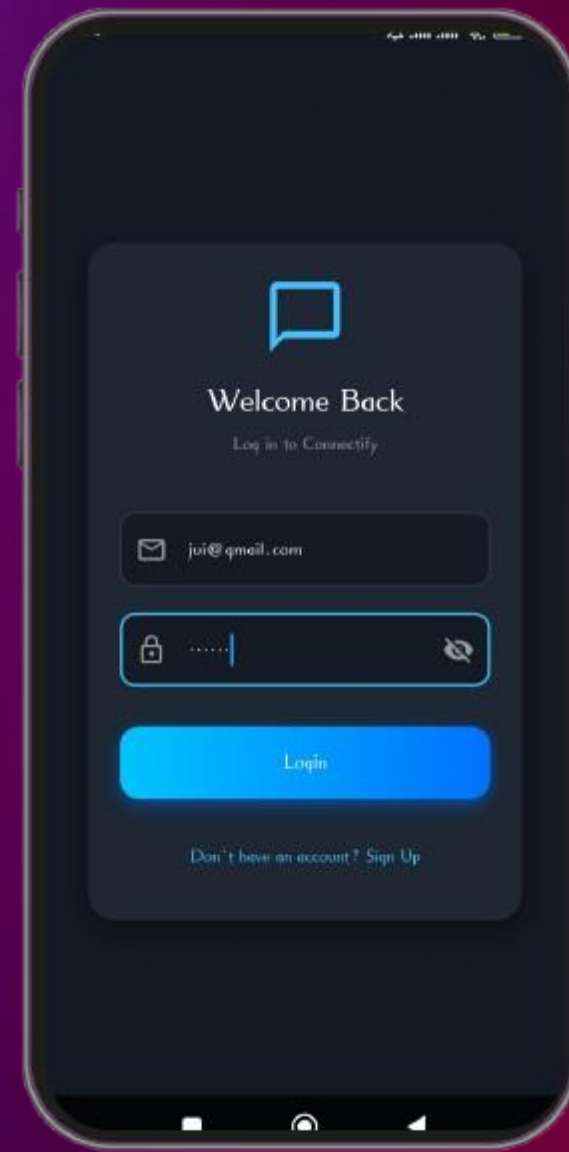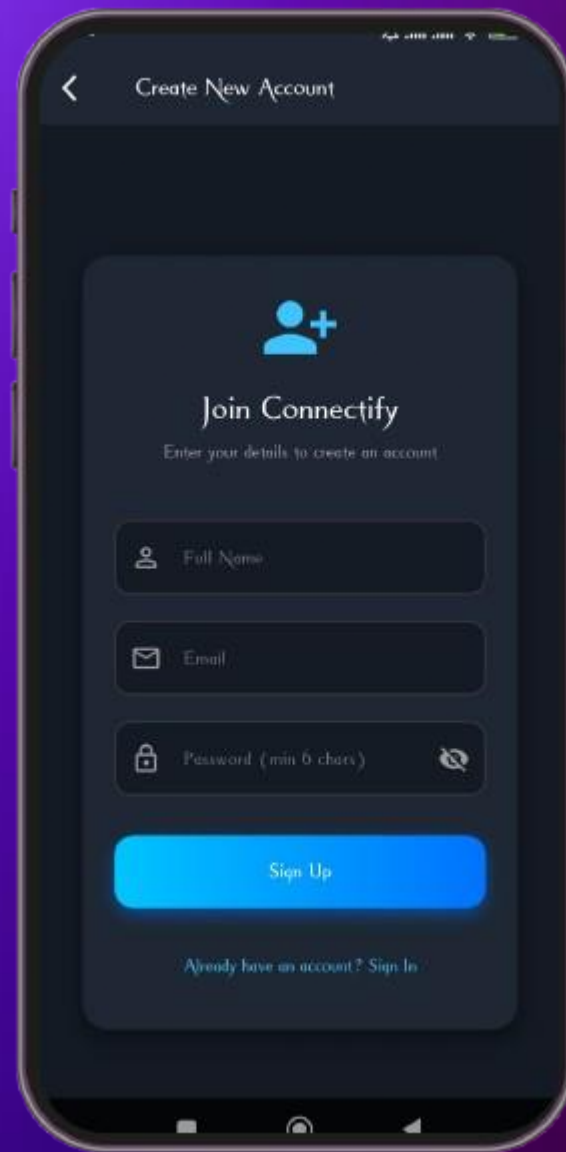
❑ **Dark/Light Theme :** Users can switch between Dark Mode and Light Mode

❑**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
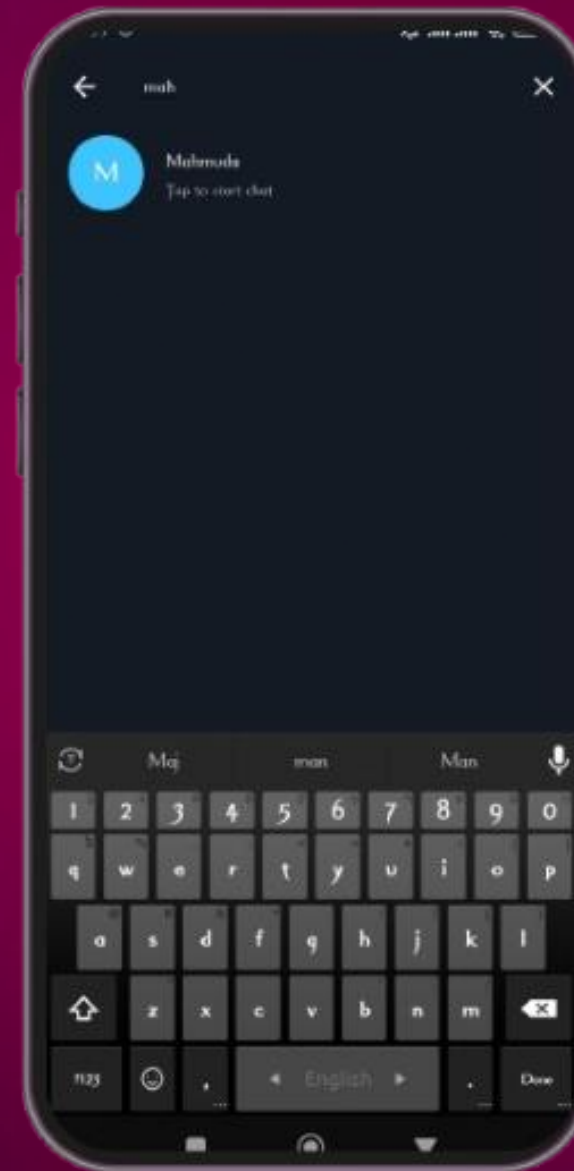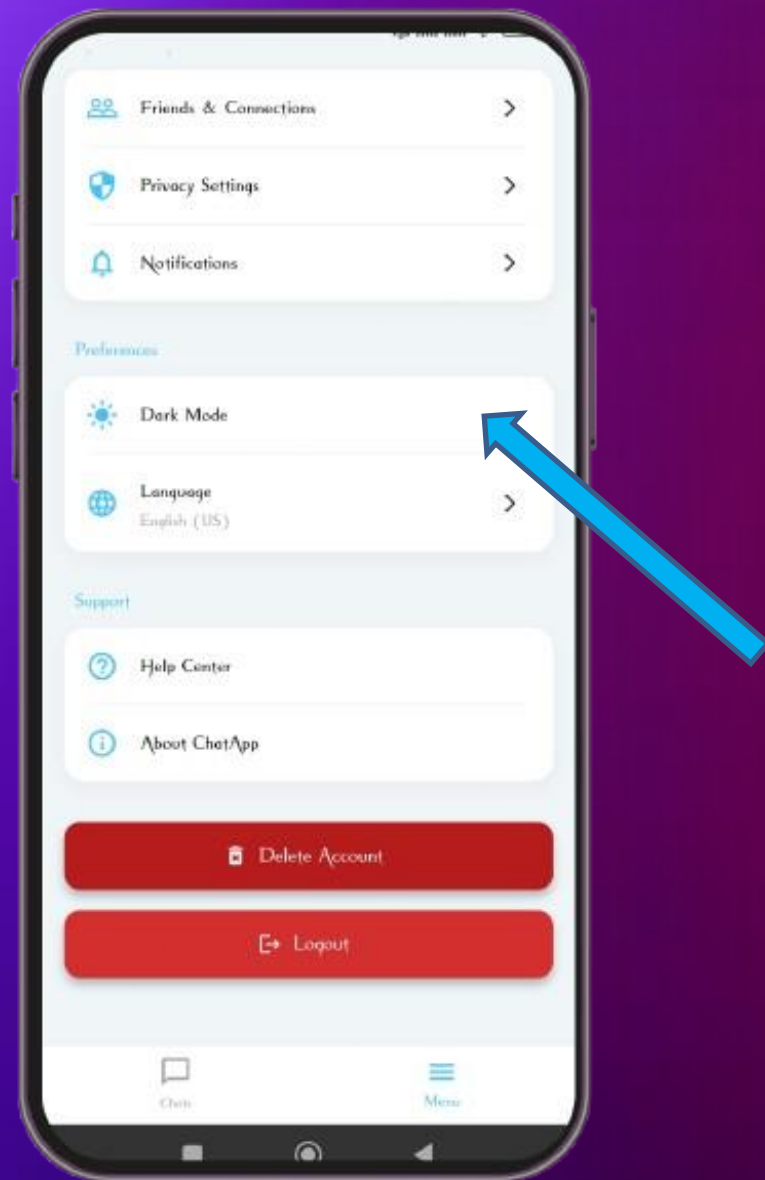
Block, Delete, and Control : Easily Block users and Delete any conversation . When a user is blocked, they are **prevented from sending any further messages** until the user decides to unblock them, ensuring immediate privacy and control.
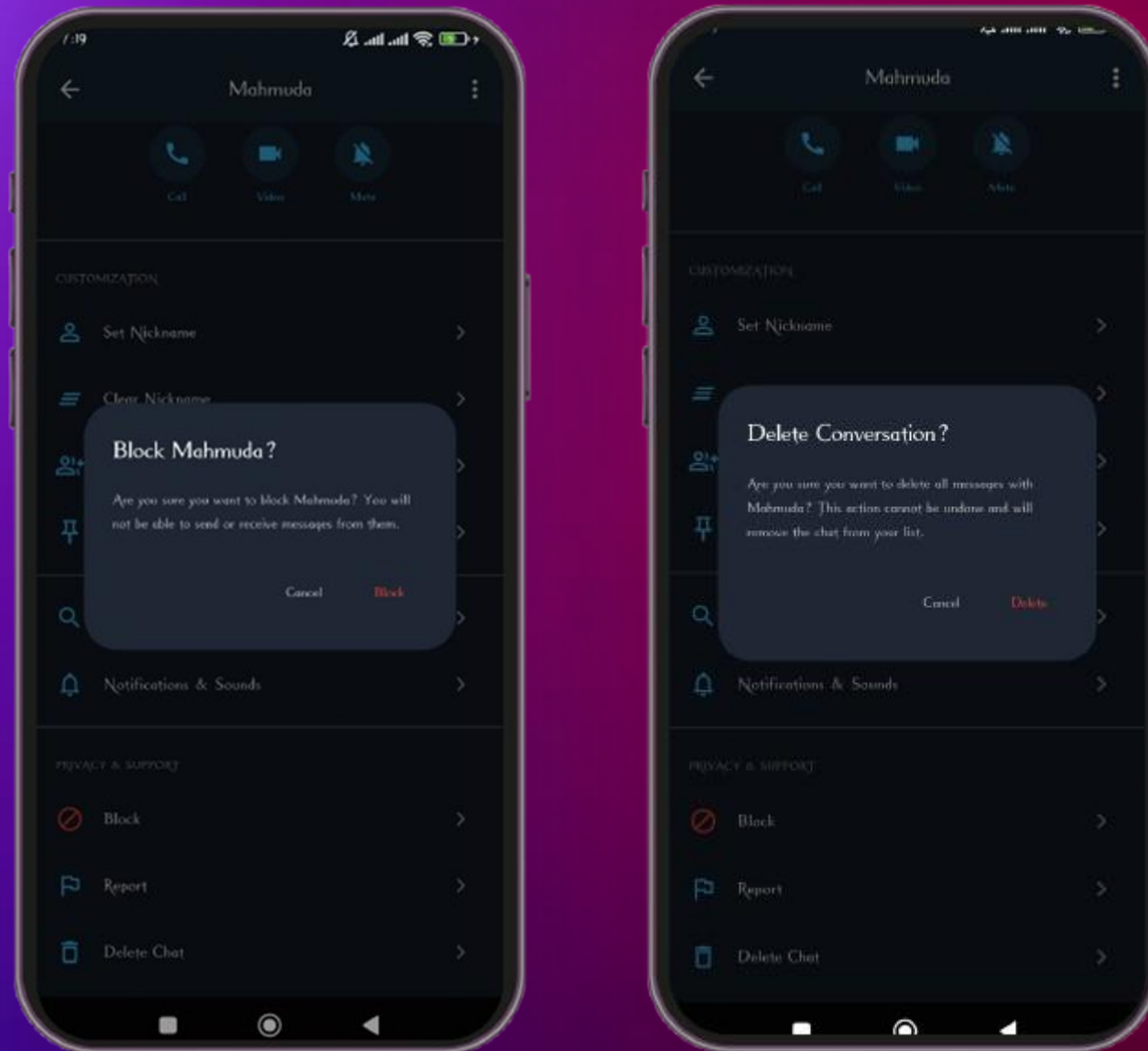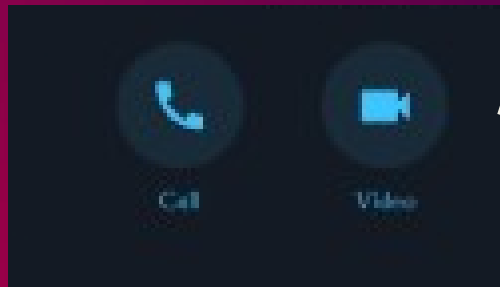
❑**Permanent Account Deletion :** Users can choose to **permanently Delete their account** at any time.
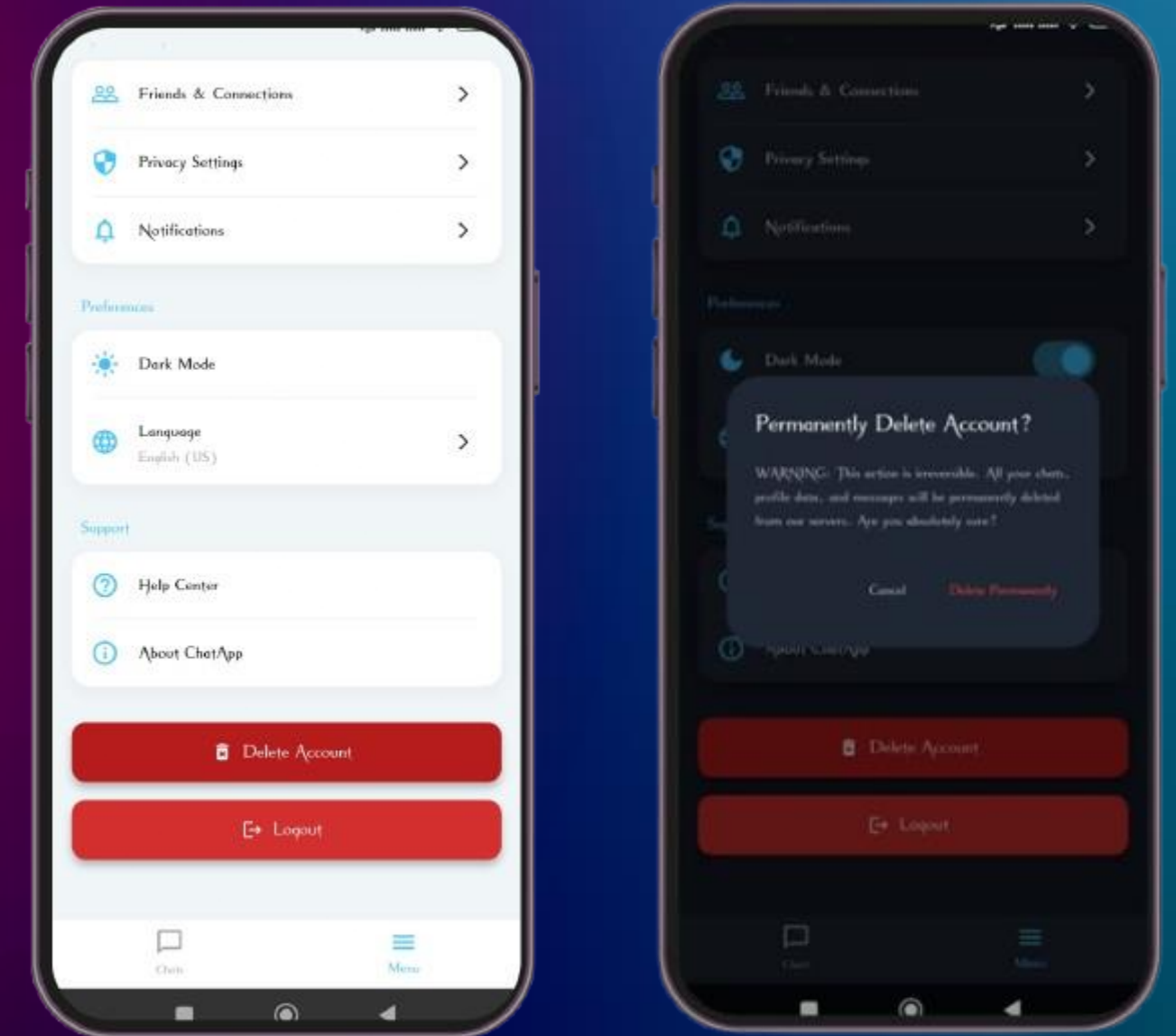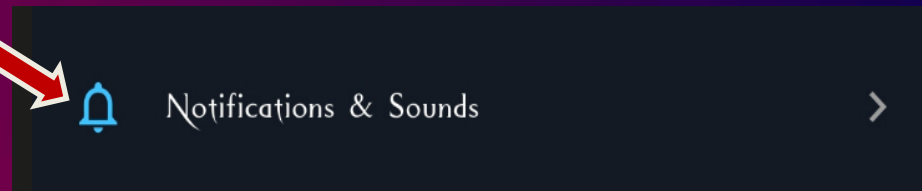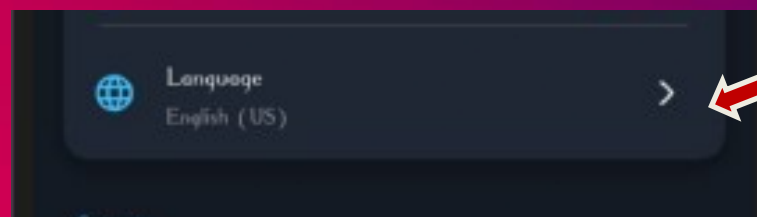
💡 Future Implementations

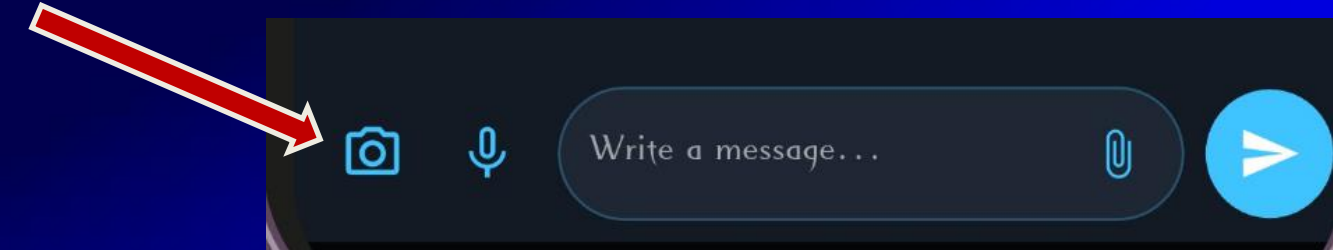**Real-Time Calling :** Adding **voice , audio and video calling** capabilities.

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

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

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

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

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
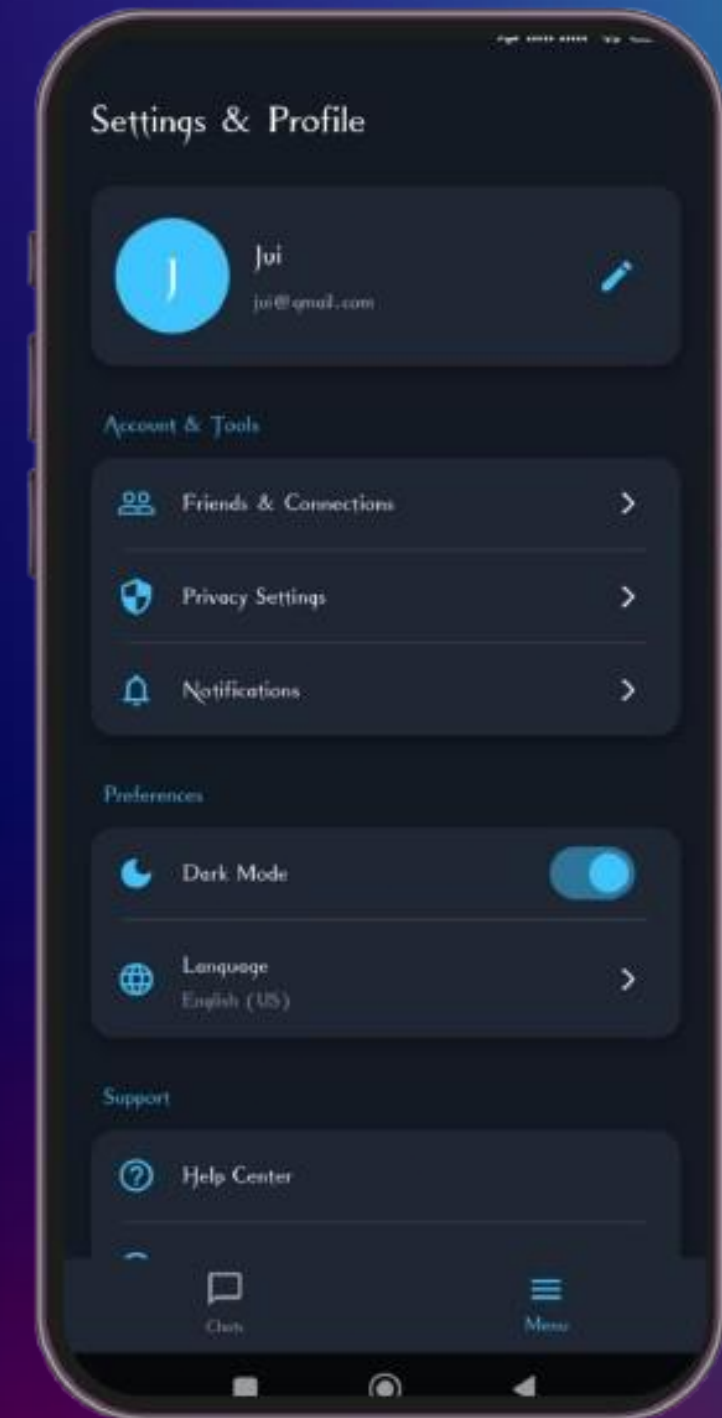
Thank You

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