

1. INTRODUCTION

1.1. Overview

ChatConnect is a sample project built using the Android Compose UI toolkit. It demonstrates how to create a simple chat app using the Compose libraries. The app allows users to send and receive text messages.

1.2. Purpose

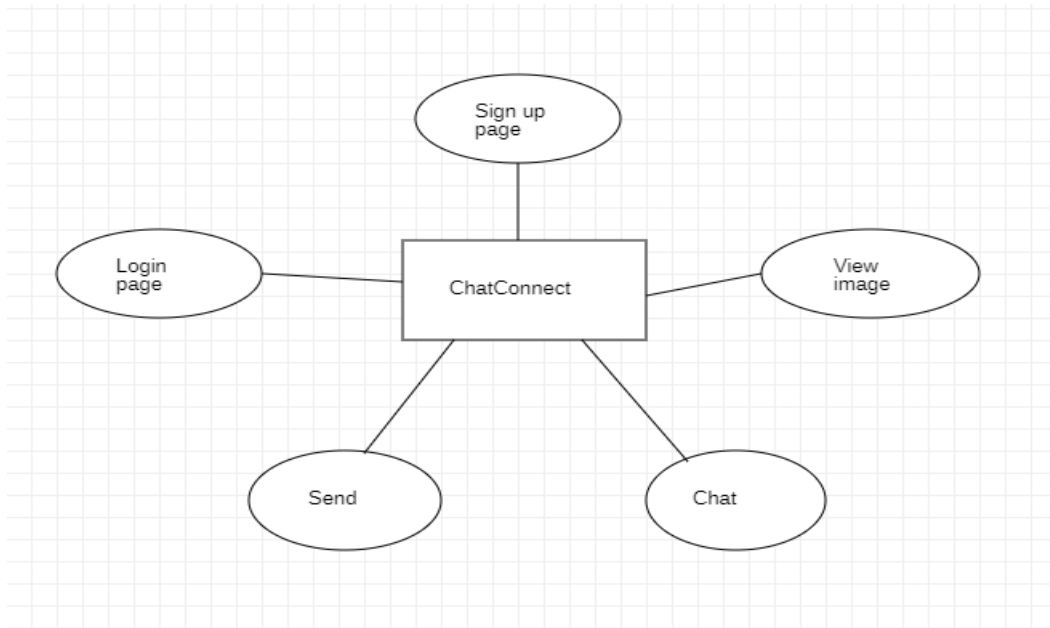
Chatting app allows you to communicate with your friends and family over Internet. It enables you to send and receive messages. Chatting apps make it easier, simpler, and faster to connect with everyone and it is also easy to use.

2. PROBLEM DEFINITION & DESIGN THINKING

2.1. Empathy Map

<u>Says</u>	<u>Thinks</u>
1.They type messages to communicate with others. 2.They may use emoticons or stickers to express their emotions. 3.They may initiate or respond to voice or video calls.	1.Who is this message from? 2.What is the message about? 3.Do I need to respond to this message right way?
<u>Does</u>	<u>Feels</u>
1.Types messages to communicate with others. 2.Uses emoticons or stickers to express emotions. 3.Initiates or responds to voice or video calls. Checks messages or notifications frequently.	1.Excited to receive messages from friends or colleagues. 2.Anxious when waiting for an important message. 3.Frustrated or annoyed by spam messages or notifications.

2.2. Ideation&BrainstormingMap

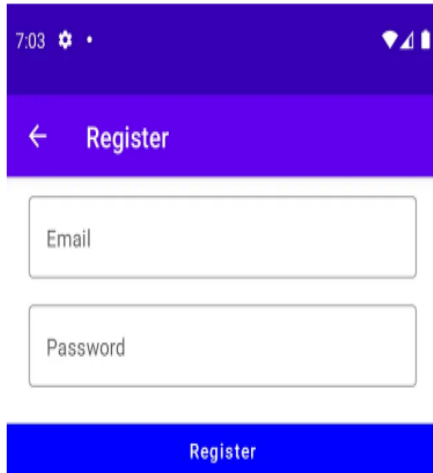


3. RESULT

3.1. DataModel

Objectname	Fields in the Object	
Sign up	Field label	Data type
	Username	String
	Password	String
	Email	String
Log in	Field label	Data type
	Username	String
	Password	String

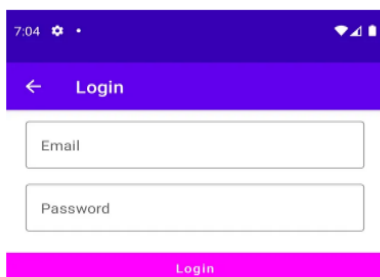
3.2. The screenshots of project activity along with the description.



The screenshot shows a mobile app interface for the 'Register' screen. At the top, there is a status bar with the time 7:03, a settings icon, and signal/battery indicators. Below the status bar is a blue header with a back arrow and the text 'Register'. The main content area has a white background with two text input fields: 'Email' and 'Password'. At the bottom, there is a blue button labeled 'Register'.

Sign Up :

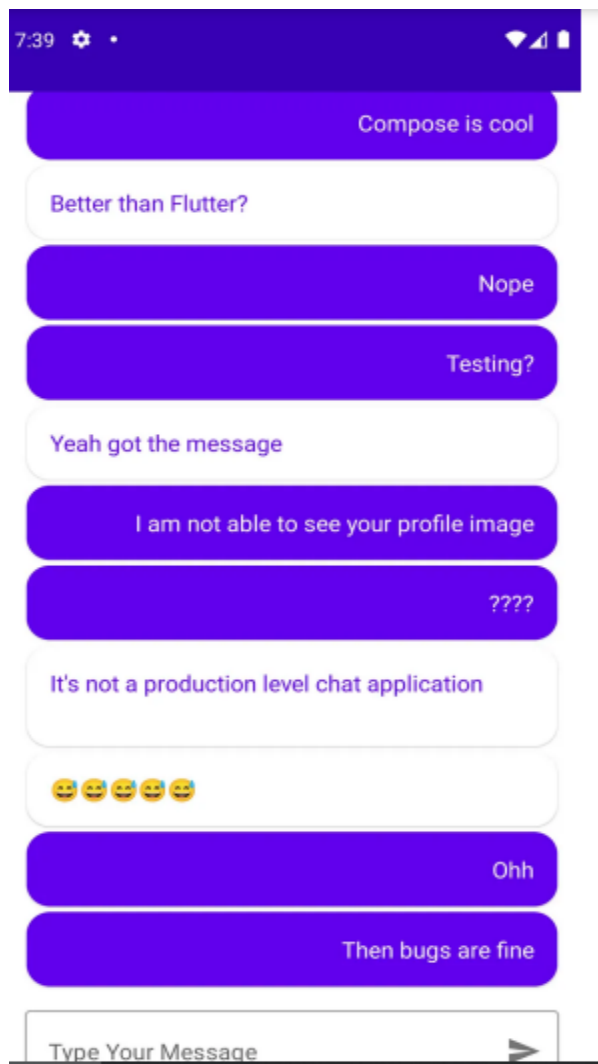
It is a page where user have to register for creating new account for them , then only they can log in with that details



The screenshot shows a mobile app interface for the 'Login' screen. At the top, there is a status bar with the time 7:04, a settings icon, and signal/battery indicators. Below the status bar is a blue header with a back arrow and the text 'Login'. The main content area has a white background with two text input fields: 'Email' and 'Password'. At the bottom, there is a blue button labeled 'Login'.

Login :

The user should enter a correct details to login



Chat:
The user can now chat with their friends and family.

4. GOOGLE DEVELOPER PROFILE PUBLIC URL

Team Lead – <https://g.dev/vinish007>

Team member 1 - <https://g.dev/Balaji2002>

Team member 2 - <https://g.dev/Harish28102002>

5. ADVANTAGES&DISADVANTAGE

Advantages :

- It is widely interactive text based communication process that takes places over the Internet.
- The app is developed using android and hence it will be User friendly.

Disadvantages :

- You never really know who it is you are chatting with really.
- This application's interface is little bad , we can improve it impressively.

6. APPLICATIONS

Chatting app allows you to communicate with your customers in web chat rooms. It enables you to send and receive messages. Chatting apps make it easier, simpler, and faster to connect with everyone and it is also easy to use.

7. CONCLUSION

The primary use of a chat room is to share information via text with a group of other users. Generally speaking, the ability to converse with multiple people in the same conversation differentiates chat rooms from instant messaging programs, which are more typically designed for one-to-one communication.

8. FUTURESCOPE

We can Extending this application by providing Authorization service, Creating Database and maintaining users, Increasing the effectiveness of the application by providing Voice Chat, Extending it to Web Support.