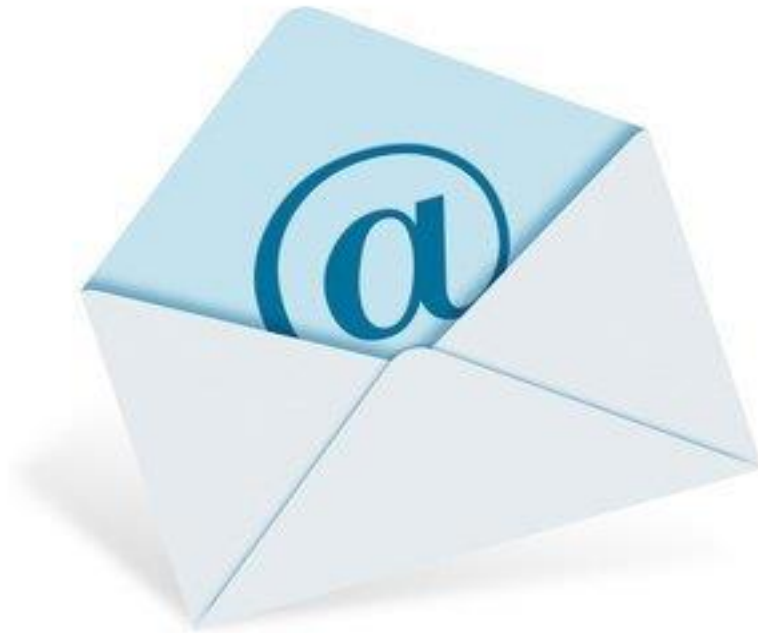# Adaptive Mail: A Flexible Email Client App

1 Introduction

1.1 Overview

Adaptive Mail app is a sample project that demonstrates how to use the Android

Compose UI toolkit to build a conversational UI. The app simulates a messaging

Interface, allowing the user to send and receive messages, and view a history of

Previous messages. It showcases some of the key features of the Compose UI

Toolkit, data management, and user interactions.

1.2 Purpose

The app simulates a messaging interface, allowing the user to send and receive messages, and view a history of previous messages.

 It showcases some of the key features of the Compose UI toolkit, data management, and user interactions
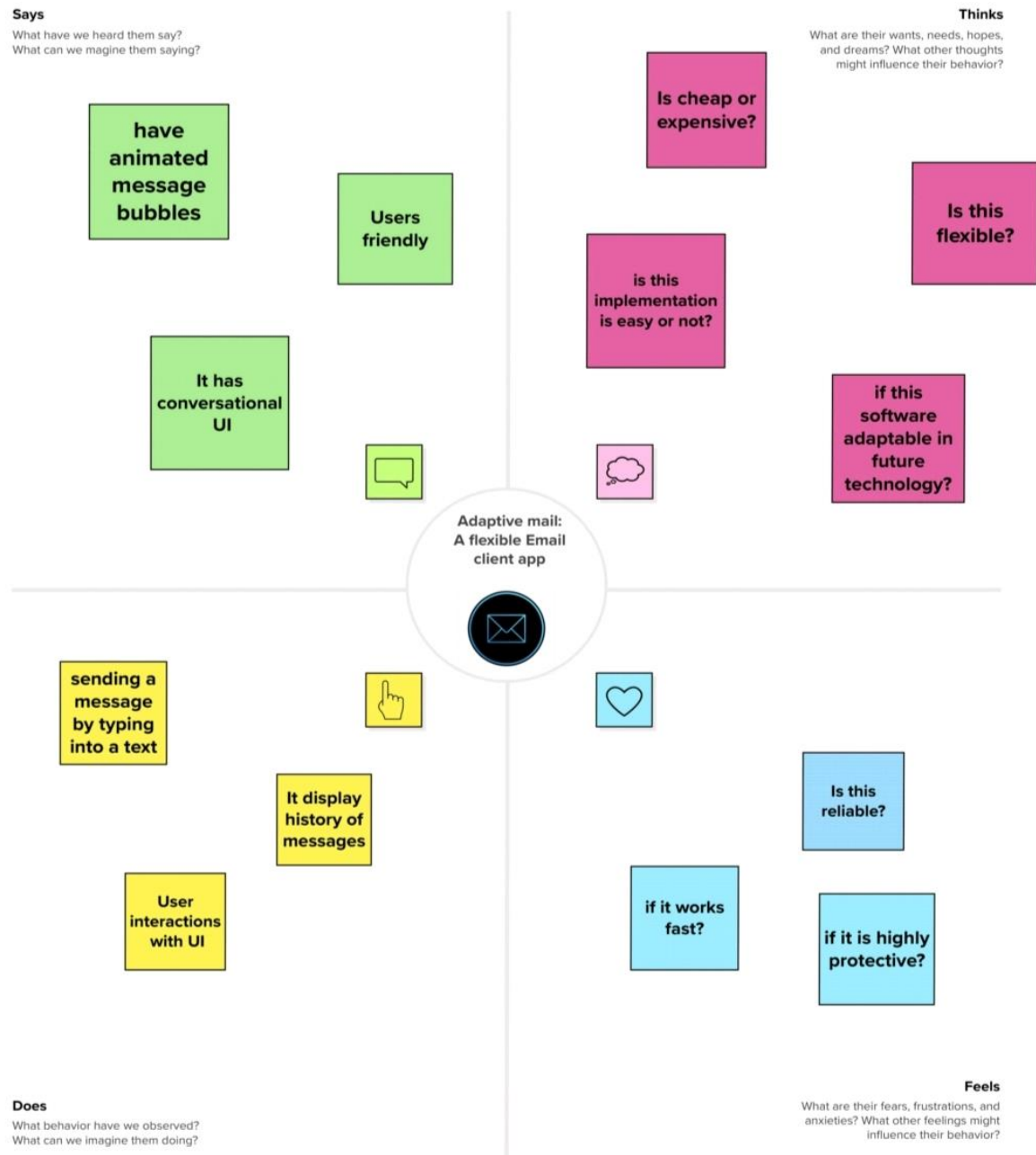
2.Problem Definition & Design Thinking
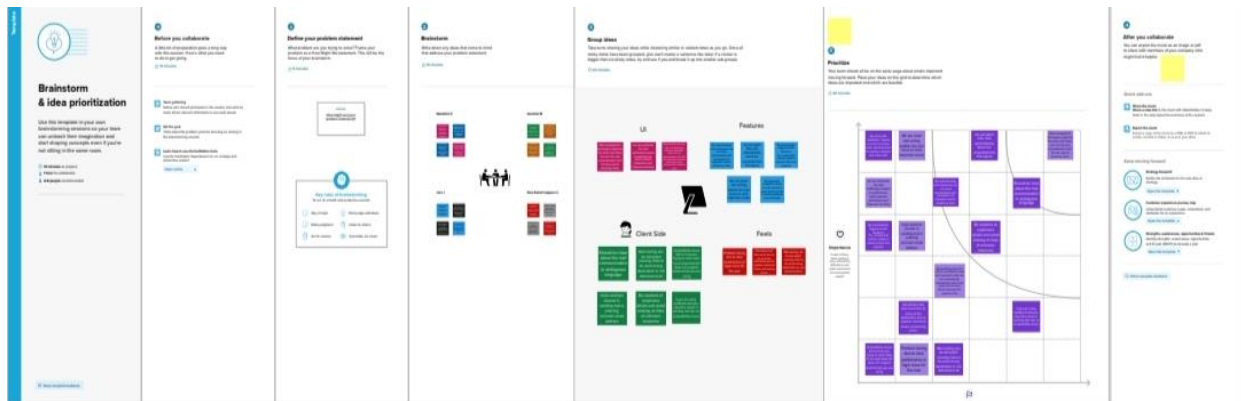
2.1 Empathy map

Build empathy

The information you add here should be representative of the observations and research you've done about your users.

Says
What have we heard them say?
What can we imagine them saying?

have animated message bubbles

Users friendly

It has conversational UI

Thinks
What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

Is cheap or expensive?

Is this flexible?

is this implementation is easy or not?

if this software adaptable in future technology?

Adaptive mail: A flexible Email client app

sending a message by typing into a text

It display history of messages

User interactions with UI

Is this reliable?

if it works fast?

if it is highly protective?

Does
What behavior have we observed?
What can we imagine them doing?

Feels
What are their fears, frustrations, and anxieties? What other feelings might influence their behavior?

2.1Ideation & brainstorming

3 Result

WhatsApp

MX Player

English to Tamil Dictionary

English Ta···

Snapchat

Adobe Scan

Telegram

Hotstar

MyJio

Games

Wynk Music

InShot
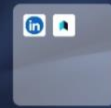
Folders

Folders

Folders

Email Appl···

Word

Login

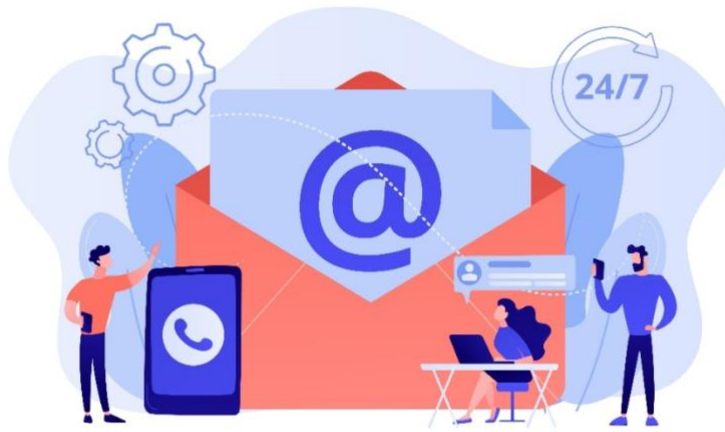Username

Password

Login

Sign up   Forget password?

Home Screen

Send Email

View Emails

Send Mail

Receiver Email-Id

Email address

Mail Subject

Subject

Mail Body

Body

Send Email

View Mails

Receiver_Mail: Varshinimohan2@gmail.com
Subject: adaptive flexible email
Body: hi makka

Receiver_Mail: Varshinimohan2@gmail.com
Subject: adaptive flexible email
Body: hi makka

Receiver_Mail: Varshinimohan2@gmail.com
Subject: adaptive flexible email
Body: hi makka

Receiver_Mail: varshinimohan2@gmail.com
Subject: adaptive flexible email
Body: haii
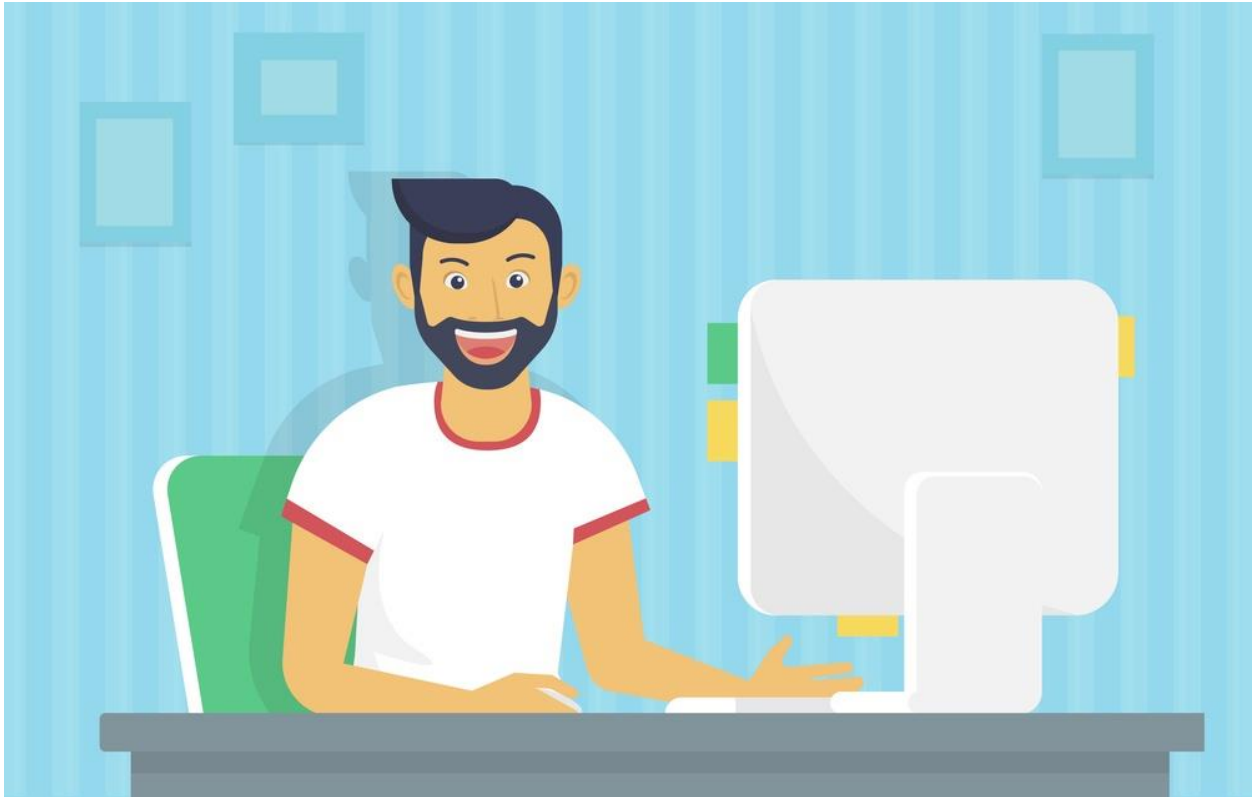
Receiver_Mail: varshinimohan2@gmail.com
Subject: adaptive flexible email
Body: haii

Receiver_Mail: varshinimohan2@gmail.com
Subject: adaptive flexible email
Body: haii

4 Advantages and Disadvantages of E-mail

Advantages of E-mail :

E-mails provides faster and easy mean of communication. One can send message to any person at any place of world by just clicking mouse.

Various folders and sub-folders can be created within inbox of mail, so it provide management of messages.

It is effective and cheap means of communication because single message can be send to multiple people at same time.

E-mails are very easy to filter. User according to his/her priority can prioritize e-mail by specifying subject of e-mail.

E-mail is not just only for textual message. One can send any kind of multimedia within mail.

E-mail can be send at any hour of day, thus ensures timeliness of message.

It is secure and reliable method to deliver our message.

It also provide facility for edition and formatting of textual messages.

There is also facility of auto-responders in e-mail i.e. to send automated e-mails with certain text.

To write an e-mail there is no need of any kind of paper, thus it is environment friendly.

Disadvantages of E-mail :

It is source of viruses. It is capable to harm one's computer and read out user's e-mail address book and send themselves to number of people around the world.

It can be source of various spams. These spam mails can fill up inbox and to deletion of these mail consumes lot of time.

It is informal method of communication. The documents those require signatures are not managed by e-mail.

To use facility of e-mail, user must have an access to internet and there are many parts of world where people does not have access to Internet.

Sometimes, e-mails becomes misunderstood as it is not capable of expressing emotions.

To be updated, user have to check inbox from time-to-time.

5 Applications

Email is used for many different purposes, including contacting friends, communicating with professors and supervisors, requesting information, and applying for jobs, internships, and scholarships.

Depending on your purposes, messages you send will differ in their formality, intended audience, and desired outcomes.

6 Conclusion

At the end of the day, email is still one of the most effective forms of marketing. If you use it correctly, you can target prospective customers with relevant information, at precisely the right time – gaining brand loyalists for life.

7 Future Scope

But the future of email looks bright: it's an essential tool for internal and external communications. In 2021, about 319.6 billion emails were sent and received daily—that's 4.1% more emails sent than the previous year. The number of email users globally is only expected to grow in the next four years.