1. INTRODUCTION

Adaptive Email Android app is an email client that is designed to provide a more personalized and intuitive email experience for users. This app is designed to help users manage their email more efficiently and effectively, making it a useful tool for professionals and individuals who rely heavily on email communication.

The Adaptive Email app uses artificial intelligence and machine learning algorithms to learn from the user's email usage patterns and prioritize emails based on their importance. The app also allows users to categorize their emails by sender, topic, or priority, making it easy to find important emails quickly.

Additionally, the Adaptive Email Android app offers features such as email snoozing, which allows users to temporarily archive an email and receive a reminder to revisit it later, and email scheduling, which enables users to schedule emails to be sent at a later time.

The app may also provide a unified inbox that integrates with multiple email accounts, allowing users to manage all their emails in one place. Users can customize the app's interface with different themes and settings to suit their preferences.

Overall, the Adaptive Email Android app is designed to provide users with a more efficient and effective email management experience, making it a useful tool for individuals and professionals who receive a high volume of emails on a daily basis.

1.1 OVERVIEW

Adaptive Email is an email app designed to help users manage their email inbox more efficiently. The app is available for both iOS and Android devices and can be downloaded for free from the respective app stores.

Once users have downloaded the app, they can connect it to their email accounts, including Gmail, Yahoo, and Outlook. The app will then automatically organize their emails into different categories, such as personal, work, and promotional emails.

One of the key features of Adaptive Email is its use of artificial intelligence (AI) to help users manage their inbox. The app uses machine learning algorithms to learn from the user's behavior and preferences, and then suggests actions to take on their emails.

For example, if the app notices that the user often deletes certain types of emails without reading them, it might suggest automatically deleting those types of emails in the future. Similarly, if the app notices that the user often responds to emails from certain contacts quickly, it might suggest prioritizing those emails in the inbox.

Adaptive Email also includes a range of other features designed to help users manage their email more effectively. For example, users can snooze emails to temporarily remove them from their inbox and have them reappear at a later time or date. They can also set reminders to follow up on important emails or to respond to emails that have not yet been answered.

Additionally, the app includes a range of customization options, allowing users to set custom notifications for different types of emails or for specific contacts. Users can also customize the app's appearance and choose from a variety of themes and color schemes.

Overall, Adaptive Email is a powerful email app that offers a range of features and customization options to help users manage their inbox more effectively. Its use of AI and machine learning make it particularly useful for users who receive a large volume of emails and need help prioritizing and managing them.

1.2 PURPOSE

An email app is a software application that allows users to send, receive, and manage email messages. The purpose of an email app is to provide a convenient and efficient way to communicate with others via email. With an email app, users can compose new messages, read and respond to incoming messages, organize their inbox, and manage their contacts.

Email apps may also have additional features, such as the ability to attach files, schedule emails to be sent at a later time, and integrate with other apps and services. The primary goal of an email app is to make email communication faster, more accessible, and more manageable for users.

2. PROBLEM DEFINITION & DESIGN THINKING

ADAPTIVE EMAIL DEFINITION:

Adaptive email refers to a type of email marketing strategy that uses dynamic content and personalization to create a more customized experience for the recipient. Instead of sending the same generic email to every subscriber on a mailing list, adaptive emails are designed to adapt to the individual preferences, behaviours, and interests of each recipient. This helps to increase engagement, conversion rates, and customer loyalty.

DESIGN THINKING:

To approach the problem of designing an adaptive email strategy from a design thinking perspective, we'll want to follow these steps:

Empathize: The first step in the design thinking process is to empathize with the target audience. This involves understanding their needs, motivations, pain points, and behaviours. In the case of adaptive email, we'll want to conduct research to understand what types of content and messaging resonate with different segments of our email list.

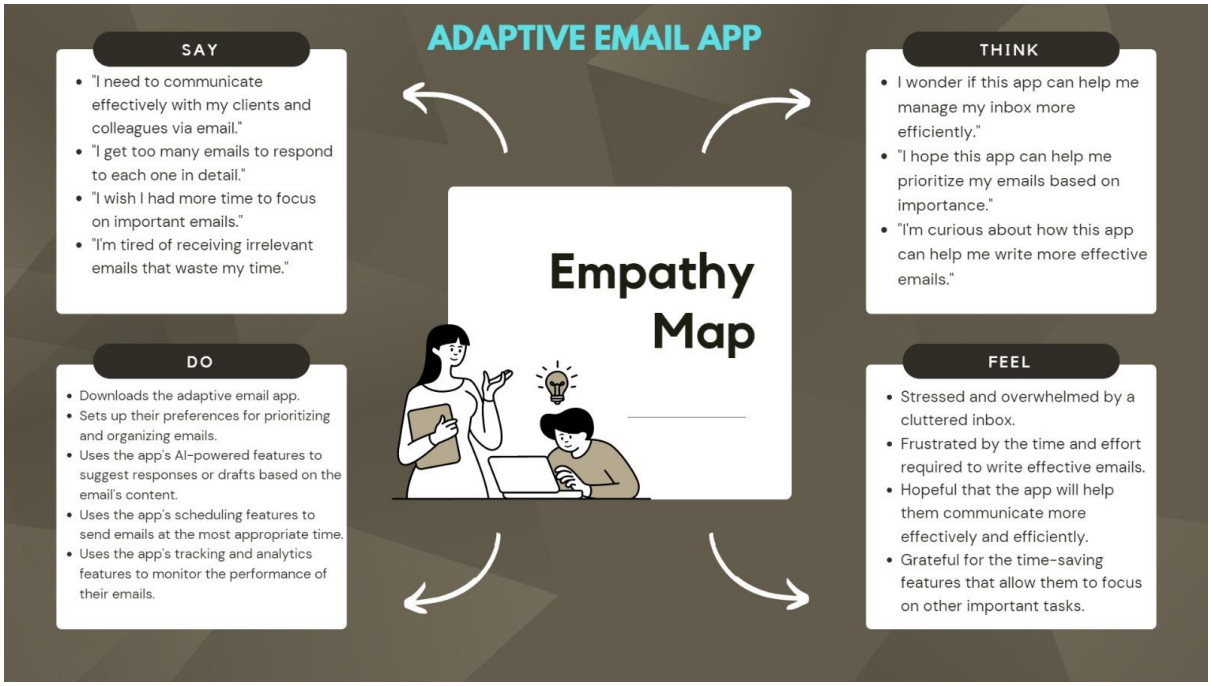
Define: With a deeper understanding of our audience, we can start to define the problem space more clearly. This means identifying the specific challenges and opportunities that exist when it comes to creating an adaptive email strategy, and defining the criteria for success.

Ideate: Once we've defined the problem, we can start to generate ideas for solutions. This involves brainstorming and ideation sessions to come up with a range of potential solutions, such as using segmentation, personalization, dynamic content, and other techniques to create more relevant and engaging emails.

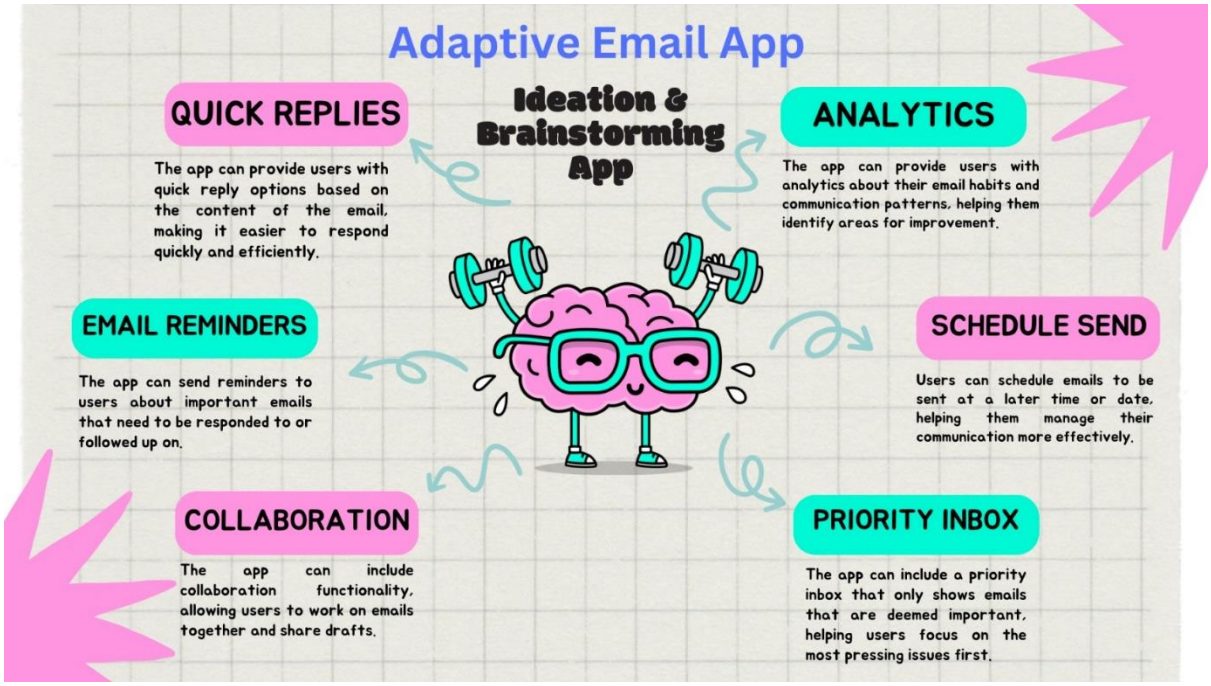
Prototype: With a set of potential solutions in mind, we can start to prototype and test our ideas. This could involve creating a series of mock emails with different types of content and messaging to test with a small group of subscribers. We can then use the feedback to refine our approach and create a more effective adaptive email strategy.

Test: Finally, we'll want to test our adaptive email strategy with a larger group of subscribers to see how well it performs. This involves tracking metrics like open rates, click-through rates, conversion rates, and unsubscribe rates, and using this data to iterate on our approach and make improvements over time.

2.1 EMPATHY MAP

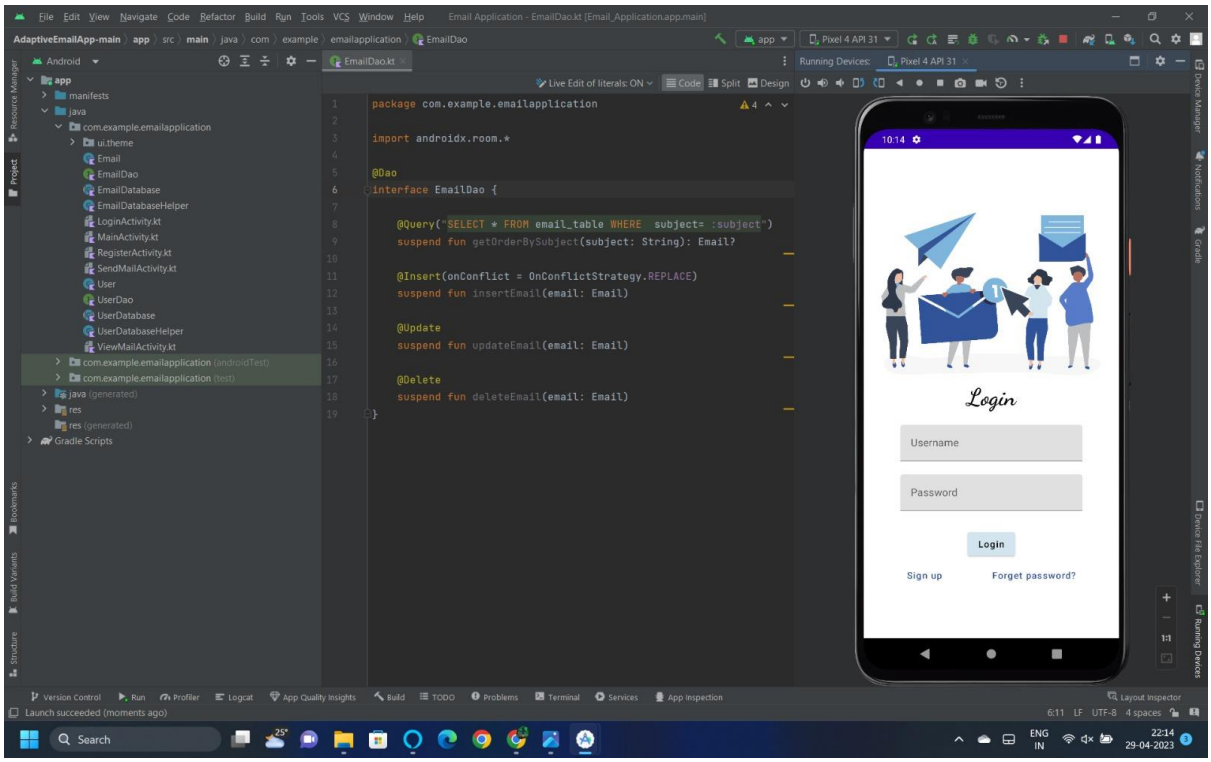


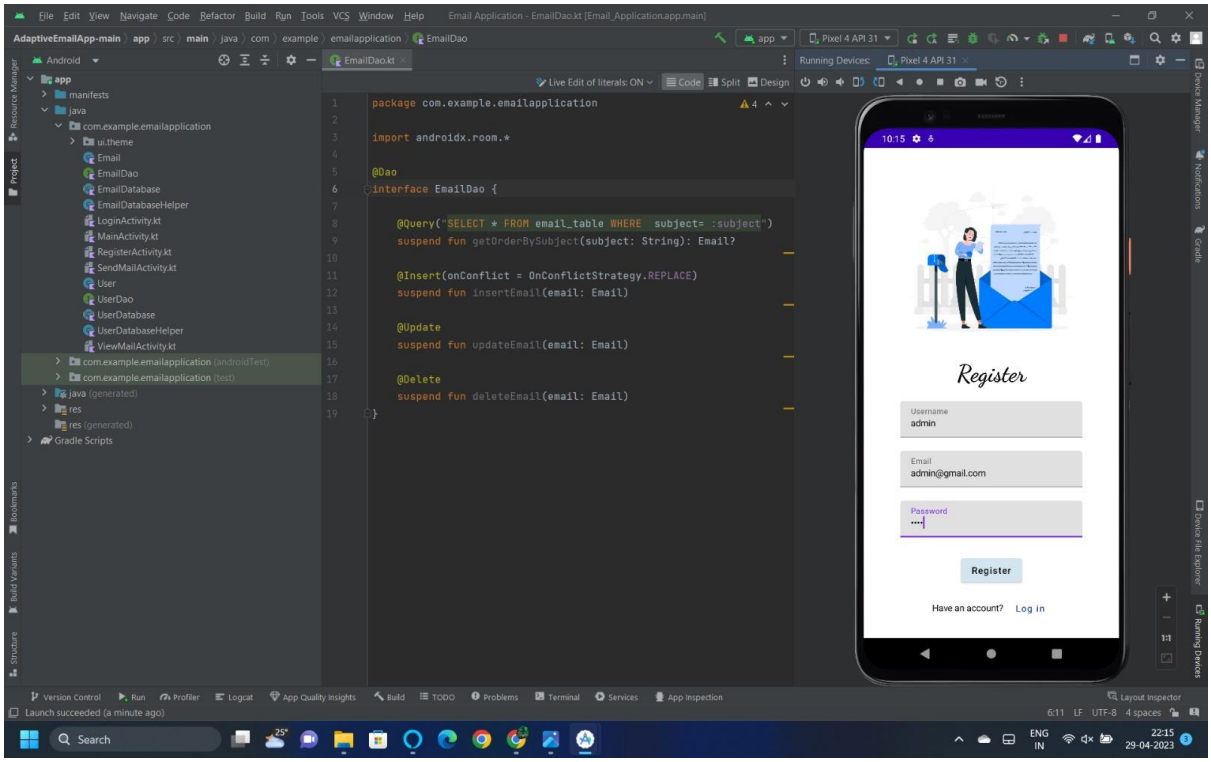
2.2 IDEATION & BRAINSTORMING MAP

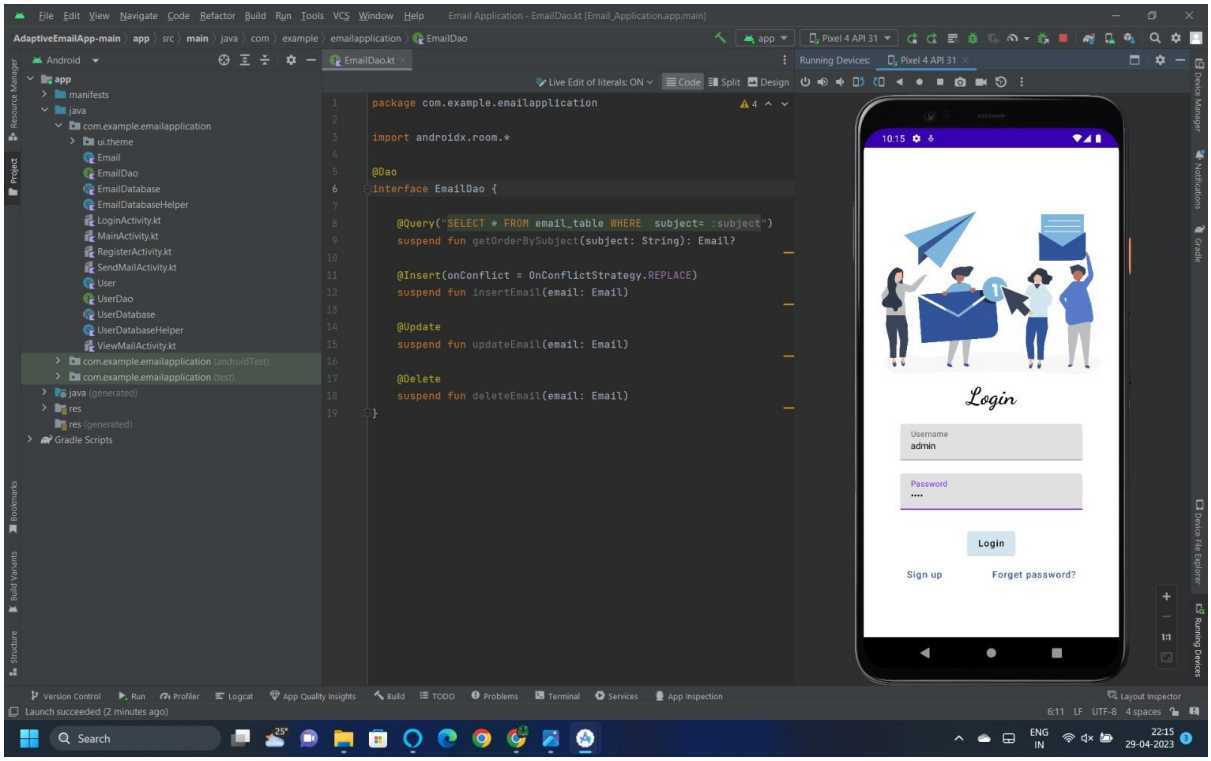


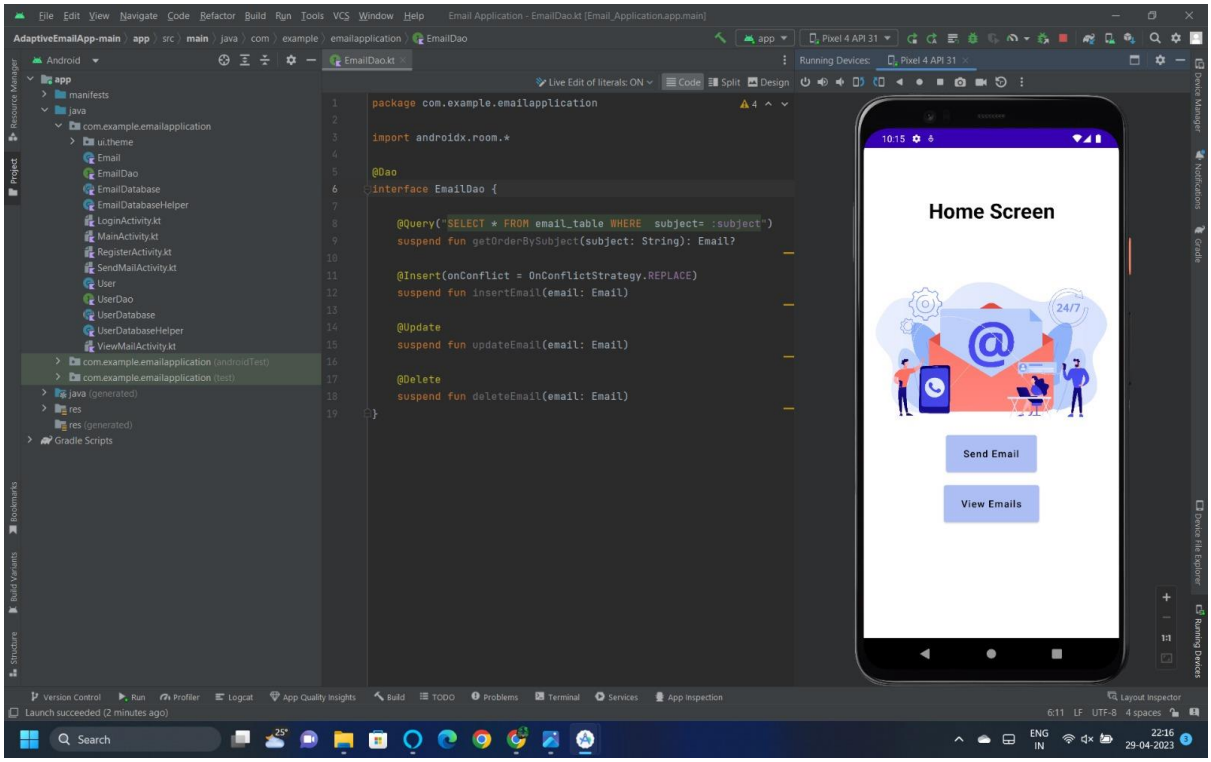
3. RESULT

3.1 ACTIVITY & SCREENSHOT






Email Application - EmailDao.kt [Email_Application.app.main]
AdaptiveEmailApp-main
EmailDao.kt
package com.example.emailapplication
import androidx.room.*
@Dao
interface EmailDao {
@Query("SELECT * FROM email_table WHERE subject= :subject")
suspend fun getOrderBySubject(subject: String): Email?
@Insert(onConflict = OnConflictStrategy.REPLACE)
suspend fun insertEmail(email: Email)
@Update
suspend fun updateEmail(email: Email)
@Delete
suspend fun deleteEmail(email: Email)
}
Login
Username
admin
Password
Login
Sign up
Forget password?
Launch succeeded (2 minutes ago)
22:15
29-04-2023


Email Application - EmailDao.kt [Email_Application.app.main]
AdaptiveEmailApp-main
EmailDao.kt
package com.example.emailapplication
import androidx.room.*
@Dao
interface EmailDao {
@Query("SELECT * FROM email_table WHERE subject= :subject")
suspend fun getOrderBySubject(subject: String): Email?
@Insert(onConflict = OnConflictStrategy.REPLACE)
suspend fun insertEmail(email: Email)
@Update
suspend fun updateEmail(email: Email)
@Delete
suspend fun deleteEmail(email: Email)
}
Home Screen
Send Email
View Emails
Launch succeeded (2 minutes ago)
22:16
29-04-2023

4. ADVANTAGES & DISADVANTAGE

ADVANTAGES :

In general, email apps can have several advantages, including:

Access: Email apps allow users to access their email accounts from anywhere with an internet connection, providing convenient access to important messages and information.

Organization: Email apps offer various features to help users organize their inbox, such as filters, labels, and folders. This can make it easier to manage large amounts of email and find specific messages.

Security: Email apps often provide encryption and other security features to protect user data and prevent unauthorized access to their account.

Productivity: Email apps can improve productivity by providing users with tools for composing, replying to, and forwarding messages quickly and efficiently.

Integration: Many email apps integrate with other productivity tools, such as calendars and task managers, allowing users to manage their schedule and tasks more efficiently.

Overall, email apps can be a powerful tool for managing communication and improving productivity.

DISADVANTAGES:

In general, email apps can have several disadvantages, including:

Distraction: Email apps can be a source of distraction, with notifications and incoming messages interrupting work and productivity.

Overload: Email apps can generate a large volume of messages, leading to information overload and difficulty managing and organizing messages.

Spam: Email apps are often targets for spam and unsolicited messages, which can be annoying and time-consuming to deal with.

Security: Email apps can be vulnerable to security breaches, exposing users' personal information and sensitive data.

Miscommunication: Email communication can be misinterpreted or misunderstood, as it can be difficult to convey tone and context through text-based messages.

Overall, email apps can be a useful tool for communication and productivity, but users should be aware of the potential drawbacks and use them responsibly to avoid negative consequences.

5. APPLICATIONS

The Adoptive Email Android app can have various applications, including:

Personal Email Management: Adoptive Email can be used by individuals to manage their personal email accounts, providing a simple and convenient way to organize and access emails from different accounts in one place.

Business Email Management: Adoptive Email can be used by professionals to manage their work emails, providing a secure and efficient way to manage emails and attachments.

Productivity and Organization: Adoptive Email can be used as a productivity tool, allowing users to prioritize and organize emails, set reminders, and automate repetitive tasks.

Email Marketing: Adoptive Email can be used by marketers to create and manage email marketing campaigns, providing a platform for designing and sending professional-looking emails to a targeted audience.

Communication and Collaboration: Adoptive Email can be used for communication and collaboration, providing a platform for team messaging, file sharing, and project management.

Overall, the Adoptive Email Android app can have various applications for personal and professional email management, productivity, and collaboration, helping individuals and organizations to streamline their email communication and improve their efficiency.

6. CONCLUSION

If you have used the "adoptive email" app for Android, you may consider evaluating the app based on your personal experience with it. This may include factors such as whether the app was user-friendly, how it helped you manage your emails, whether it had any technical glitches, and whether the customer support was responsive.

In general, it is always a good idea to do research on an app before downloading it to your device. You can read user reviews, check the app's rating on the Google Play Store, and research the developer to ensure that the app is legitimate and secure.

Ultimately, the conclusion about the effectiveness of the "adoptive email" app would depend on your personal experience with the app and how well it met your email management needs.

7. FUTURE SCOPE

Here are some potential future developments in this area:

Improved artificial intelligence: Adaptive email apps can use artificial intelligence to learn from the user's behavior and preferences, and make better suggestions on email sorting, prioritization, and even composition. In the future, this technology could become even more advanced and allow for more natural and human-like email interactions.

Integration with voice assistants: As voice assistants become more popular, adaptive email apps could potentially integrate with them to allow users to compose and send emails hands-free.

More advanced spam filters: Adaptive email apps already have spam filters that learn from the user's behavior, but future developments could improve these filters even further to better identify and block unwanted emails.

More customization options: Adaptive email apps could potentially offer more customization options for email sorting and prioritization, as well as options for more tailored email templates.

Enhanced security features: As email security becomes more important, adaptive email apps could potentially enhance their security features to better protect user data and prevent email phishing scams.

Overall, the future of adaptive email Android app is promising, with the potential for even more advanced features that make email communication easier, more natural, and more secure.

8. APPENDIX

A. SOURCE CODE :

```
package com.example.emailapplication

import android.content.Context
import android.content.Intent
import android.os.Bundle
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.Image
import androidx.compose.foundation.background
import androidx.compose.foundation.layout.*
import androidx.compose.material.*
import androidx.compose.runtime.Composable
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.layout.ContentScale
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.core.content.ContextCompat
import androidx.core.content.ContextCompat.startActivity
import com.example.emailapplication.ui.theme.EmailApplicationTheme

class MainActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
```

```
            // A surface container using the 'background' color from the theme
            Surface(
                modifier = Modifier.fillMaxSize().background(Color.White),
            ) {
                Email(this)
            }

        }
    }
}

@Composable
fun Email(context: Context) {
    Text(
        text = "Home Screen",
        modifier = Modifier.padding(top = 74.dp, start = 100.dp, bottom = 24.dp),
        color = Color.Black,
        fontWeight = FontWeight.Bold,
        fontSize = 32.sp
    )

    Column(
        horizontalAlignment = Alignment.CenterHorizontally,
        verticalArrangement = Arrangement.Center
    ) {
        Image(
            painterResource(id = R.drawable.home_screen), contentDescription = ""
        )


        Button(onClick = {
            context.startActivity(
                Intent(
                    context,
```

```
            SendMailActivity::class.java
        )
    )
},
    colors = ButtonDefaults.buttonColors(backgroundColor = Color(0xFFadbef4))
) {
    Text(
        text = "Send Email",
        modifier = Modifier.padding(10.dp),
        color = Color.Black,
        fontSize = 15.sp
    )
}
```