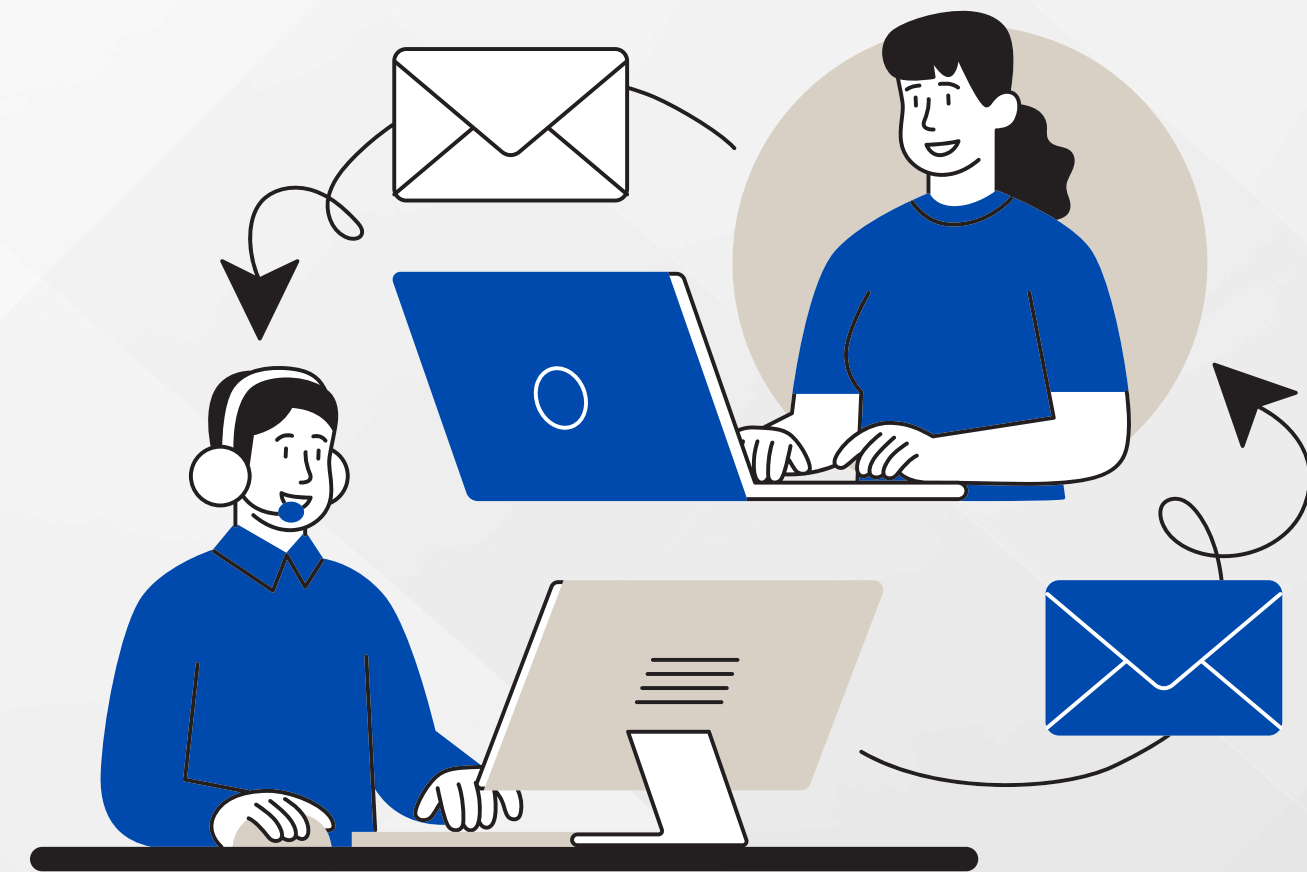


# ADAPTIVE MAIL

## A FLEXIBLE EMAIL CLIENT APP

### TEAM MEMBERS

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## PROJECT DESCRIPTION:

To create a flexible and user-friendly email client application that adapts to different user needs, supports multiple email providers, and offers a range of customizable features. 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.



## **KEY FEATURES MULTI-ACCOUNT SUPPORT:**

- USERS CAN ADD AND MANAGE MULTIPLE EMAIL ACCOUNTS (GMAIL, OUTLOOK, YAHOO, ETC.)

## **EMAIL COMPOSITION:**

- A RICH TEXT EDITOR FOR COMPOSING EMAILS, INCLUDING OPTIONS FOR FORMATTING. ATTACHMENTS, AND EMOJI SUPPORT.

## **INBOX MANAGEMENT:**

- ORGANIZE EMAILS INTO CATEGORIES (E.G., PRIMARY, SOCIAL, PROMOTIONS) WITH CUSTOMIZABLE FILTERS.

## **INBOX MANAGEMENT:**

- POWERFUL SEARCH CAPABILITIES TO FIND EMAILS QUICKLY BY SENDER, SUBJECT, OR DATE.

# USERDATABASE CLASS 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  
    )  
}
```





```
Spacer(modifier = Modifier.height(20.dp))
```



```
Button(onClick = {
    context.startActivity(
        Intent(
            context,
            ViewMailActivity::class.java
        )
    )
},
colors = ButtonDefaults.buttonColors(backgroundColor = Color(0xFFadbef4))
) {
    Text(
        text = "View Emails",
        modifier = Modifier.padding(10.dp),
        color = Color.Black,
        fontSize = 15.sp
    )
}

}

}
```

# RESULT



## Login

Login

[Sign up](#)

[Forget password?](#)



## Register

Register

Have an account? [Log in](#)

## Home Screen



Send Email

View Emails





## Home Screen



Send Email

View Emails

## Send Mail

Receiver Email-Id

Email address

Mail Subject

Subject

Mail Body

Body

Send Email

## Send Mail

Receiver Email-Id

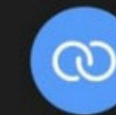
Email address

Mail Subject

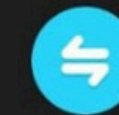
Subject

Mail Body

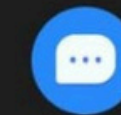
Share via



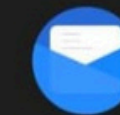
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# ADAPTIVE MAIL

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THANK YOU

