ADAPTIVE EMAIL

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DESCRIPTION:

- Dynamic Content Personalization: Tailored emails based on user data and behavior.
- Responsive Design: Adapts email layouts for optimal viewing across all devices.
- Behavioral Triggering: Sends emails based on user actions, ensuring relevance.
- Cross-Client Compatibility: Ensures consistent display on all email platforms.
- Interactive Elements: Includes rich media like buttons, carousels, and videos.
- A/B Testing: Optimizes content through continuous testing.
- Data-Driven Insights: Analyzes performance metrics for ongoing improvement.

MAIN 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
```

```kotlin
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 = ""
        )
```

```kotlin
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
    )
}
}
}
```

```xml
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools" >

    <application
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/Theme.EmailApplication"
        tools:targetApi="31" >
        <activity
            android:name=".RegisterActivity"
            android:exported="false"
            android:label="@string/title_activity_register"
            android:theme="@style/Theme.EmailApplication" />
        <activity
            android:name=".MainActivity"
            android:exported="false"
            android:label="MainActivity"
            android:theme="@style/Theme.EmailApplication" />
        <activity
            android:name=".ViewMailActivity"
            android:exported="false"
            android:label="@string/title_activity_view_mail"
            android:theme="@style/Theme.EmailApplication" />
        <activity
            android:name=".SendMailActivity"
            android:exported="false"
            android:label="@string/title_activity_send_mail"
            android:theme="@style/Theme.EmailApplication" />
```

```xml
    <activity
        android:name=".SendMailActivity"
        android:exported="false"
        android:label="@string/title_activity_send_mail"
        android:theme="@style/Theme.EmailApplication" />
    <activity
        android:name=".LoginActivity"
        android:exported="true"
        android:label="@string/app_name"
        android:theme="@style/Theme.EmailApplication" >
        <intent-filter>
            <action android:name="android.intent.action.MAIN" />

            <category android:name="android.intent.category.LAUNCHER" />
        </intent-filter>
    </activity>
  </application>

</manifest>
```
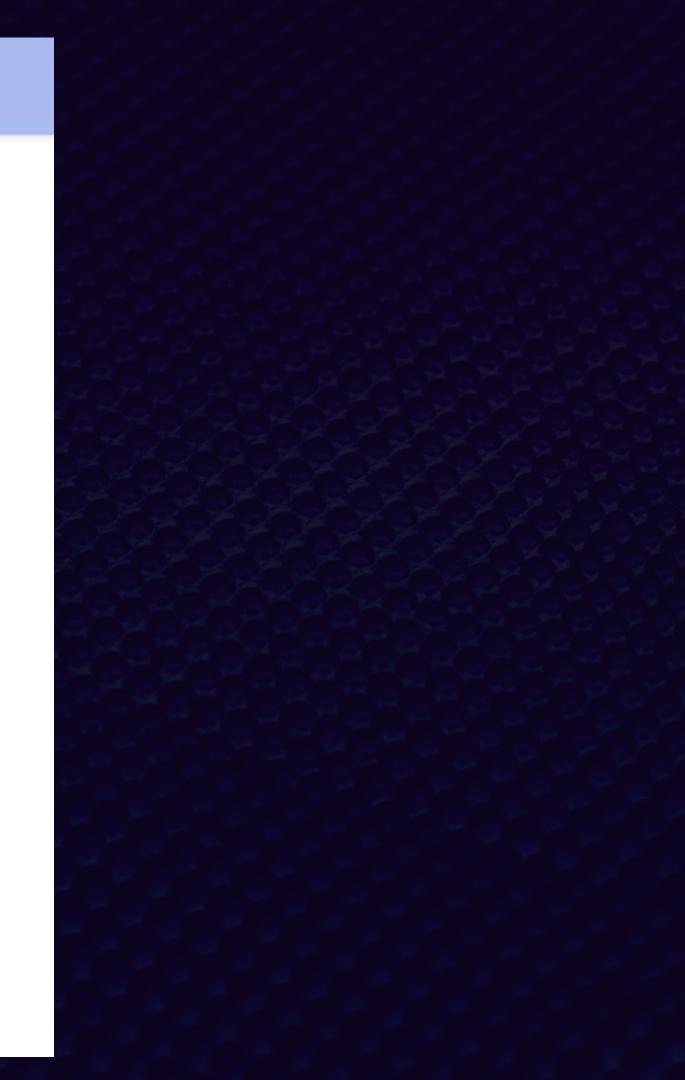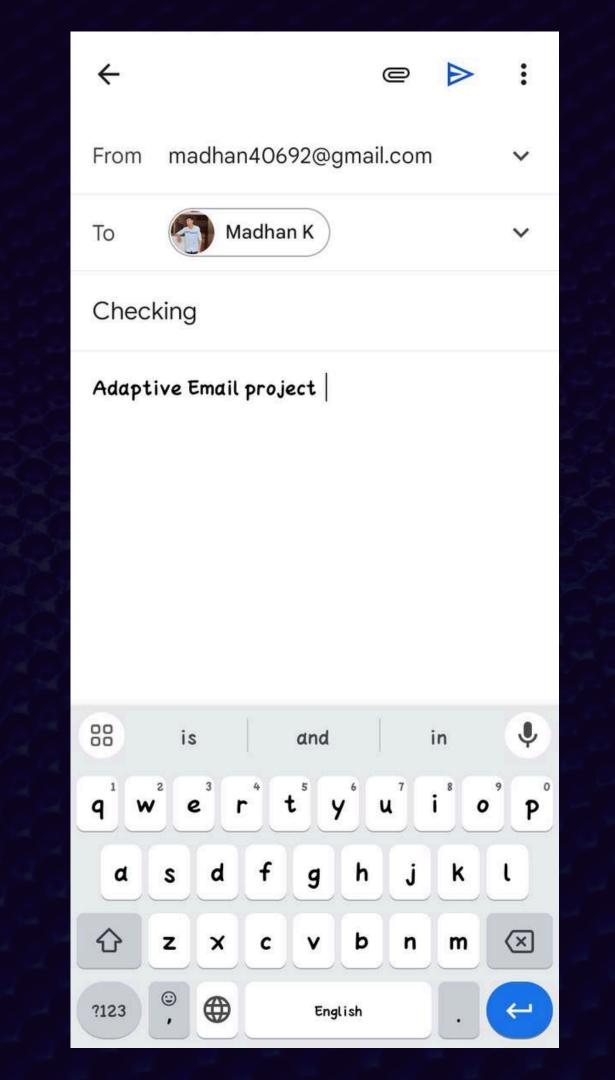
Login

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

THANK YOU