PRACTICA MENSAJERIA

Enviar Mensaje SMS

Número de teléfono
7296253361

Mensaje
hola joce

Enviar Mensaje

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Mensaje

Enviar Mensaje

Mensaje enviado a 7296253361

Benito 🐱 · ahora

hola joce

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AndroidManifest

```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">

    <uses-permission android:name="android.permission.SEND_SMS" />
    <uses-permission android:name="android.permission.READ_PHONE_STATE" />

    <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:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"
        android:theme="@style/Theme.Mensajes2">
        <activity
            android:name=".MainActivity"
            android:exported="true"
            android:label="@string/app_name"
            android:theme="@style/Theme.Mensajes2">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

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

</manifest>
```

MainActivity

```kotlin
package com.tesji.mensajes2
import android.content.pm.PackageManager
import android.os.Bundle
import android.telephony.SmsManager
import androidx.activity.ComponentActivity
import androidx.activity.compose.setContent
import androidx.compose.foundation.layout.*
import androidx.compose.material3.*
import androidx.compose.runtime.*

import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
import androidx.compose.ui.platform.LocalContext
import androidx.compose.ui.unit.dp
import androidx.core.app.ActivityCompat
import androidx.core.content.ContextCompat

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

```kotlin
@OptIn(ExperimentalMaterial3Api::class)
@Composable
fun MessageApp() {
    var phoneNumber by remember { mutableStateOf("") }
    var messageText by remember { mutableStateOf("") }
    var status by remember { mutableStateOf("") }
    val context = LocalContext.current

    Column(
        modifier = Modifier
            .fillMaxSize()
            .padding(16.dp),
        verticalArrangement = Arrangement.Center,

        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        Text(
            text = "Enviar Mensaje SMS",
            style = MaterialTheme.typography.headlineMedium
        )

        Spacer(modifier = Modifier.height(24.dp))

        OutlinedTextField(
            value = phoneNumber,
            onValueChange = { phoneNumber = it },
            label = { Text("Número de teléfono") },
            modifier = Modifier.fillMaxWidth()
        )

        Spacer(modifier = Modifier.height(16.dp))

        OutlinedTextField(
            value = messageText,
            onValueChange = { messageText = it },
            label = { Text("Mensaje") },
            modifier = Modifier.fillMaxWidth(),
            maxLines = 3
        )

        Spacer(modifier = Modifier.height(24.dp))

        Button(

            onClick = {
                if (phoneNumber.isBlank() || messageText.isBlank()) {
                    status = "Número o mensaje vacío"
                    return@Button
                }

// Verificar permisos
                if (ContextCompat.checkSelfPermission(
                        context,
                        android.Manifest.permission.SEND_SMS
                    ) != PackageManager.PERMISSION_GRANTED
                ) {
                    status = "Se necesita permiso para enviar SMS"
                    ActivityCompat.requestPermissions(
                        context as ComponentActivity,
                        arrayOf(android.Manifest.permission.SEND_SMS),
```

```
                            123
                        )
                        return@Button
                    }

// Enviar el mensaje
                    try {
                        val smsManager: SmsManager = SmsManager.getDefault()
                        smsManager.sendTextMessage(
                            phoneNumber,
                            null,
                            messageText,
                            null,

                            null
                        )
                        status = "Mensaje enviado a $phoneNumber"
                        messageText = ""
                    } catch (e: Exception) {
                        status = "Error al enviar: ${e.message}"
                    }
                },
                modifier = Modifier.fillMaxWidth()
            ) {
                Text("Enviar Mensaje")
            }

            Spacer(modifier = Modifier.height(16.dp))

            Text(
                text = status,
                style = MaterialTheme.typography.bodyMedium
            )
        }
}
```