PROJECT REPORT

Wanderlust: A Personalized Travel Planning And Tracking

1. INTRODUCTION

1.1 Overview

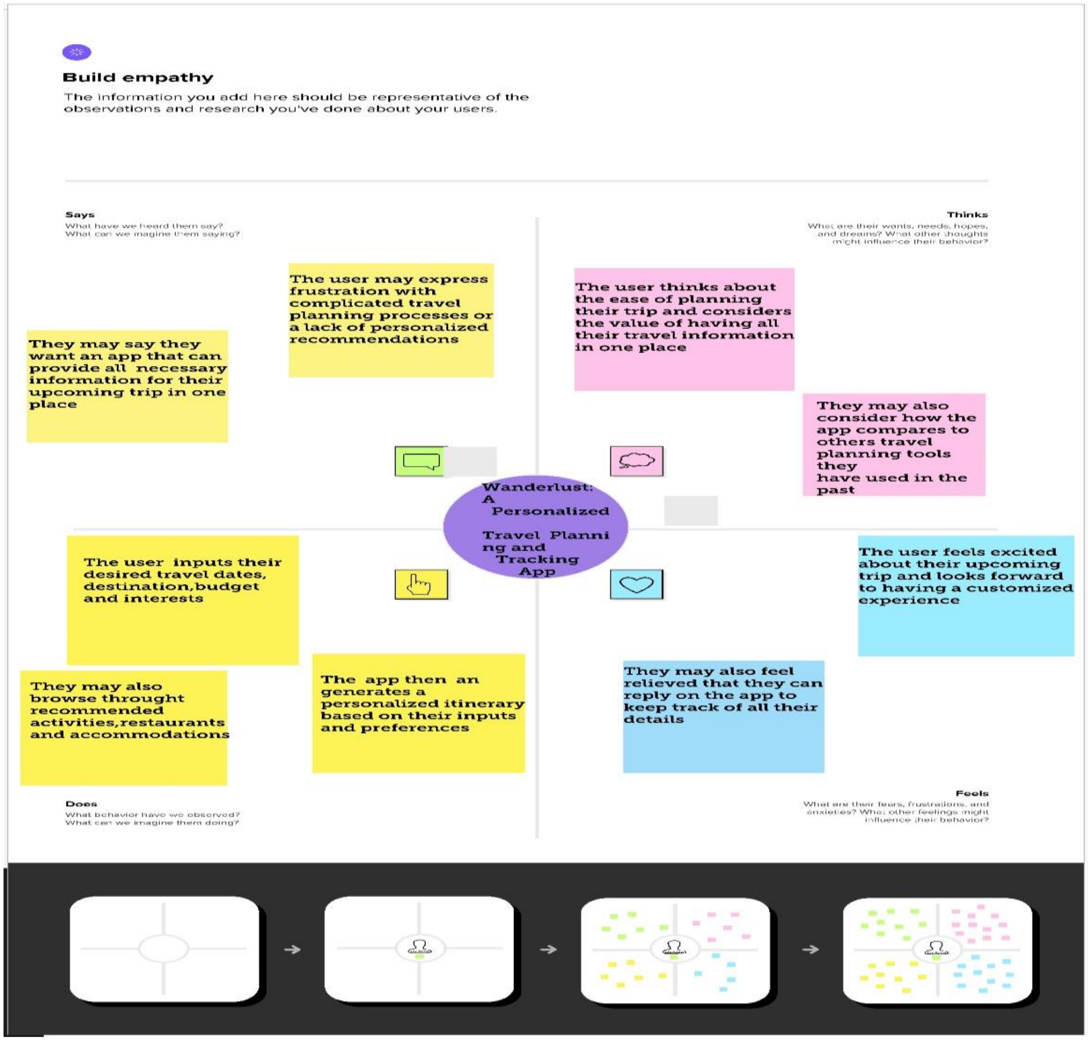
A project built using the Android Compose UI toolkit. It demonstrates how to create a simple travel app using the Compose libraries. It also features a personalized feed of recommended accommodations based on the locations.

1.2 Purpose

The main purpose of the project to develop a simple travel app for the user. The "Wanderlust" App will be used plan and track a personal tour of an individual. It utilizes the user's location for tracking.

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?

They may say they want an app that can provide all necessary information for their upcoming trip in one place

The user may express frustration with complicated travel planning processes or a lack of personalized recommendations

Thinks

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

The user thinks about the ease of planning their trip and considers the value of having all their travel information in one place

They may also consider how the app compares to others travel planning tools they
have used in the past

Wanderlust: A Personalized Travel Planning and Tracking App

The user inputs their desired travel dates, destination,budget and interests

They may also browse throught recommended activities,restaurants and accommodations

The app then an generates a personalized itinerary based on their inputs and preferences

Does

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

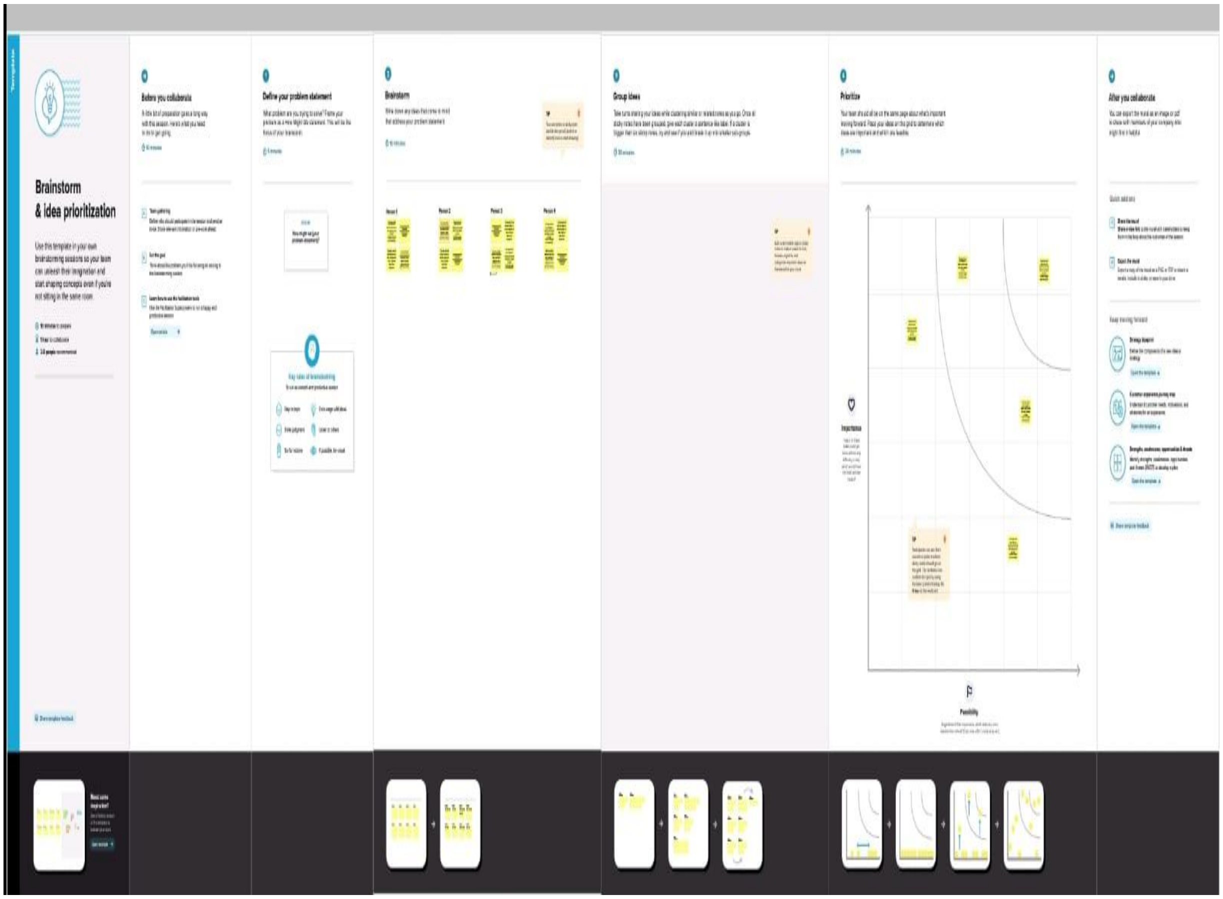
The user feels excited about their upcoming trip and looks forward to having a customized experience

They may also feel relieved that they can reply on the app to keep track of all their details

Feels

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

2.2 Ideation & Brainstorming Map



Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Before you collaborate

Define your problem statement

Brainstorm

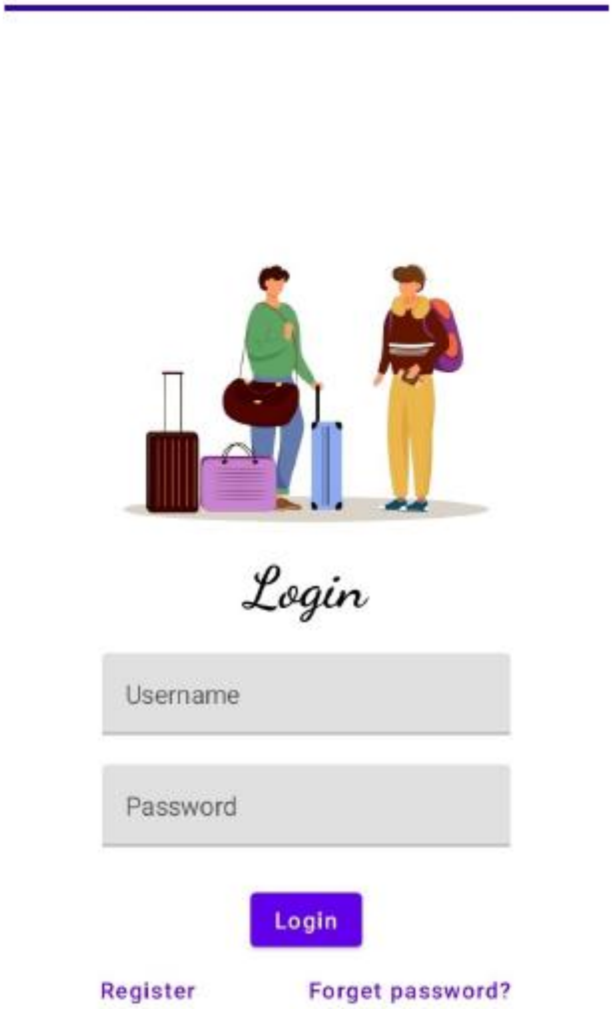
Group ideas

Prioritize

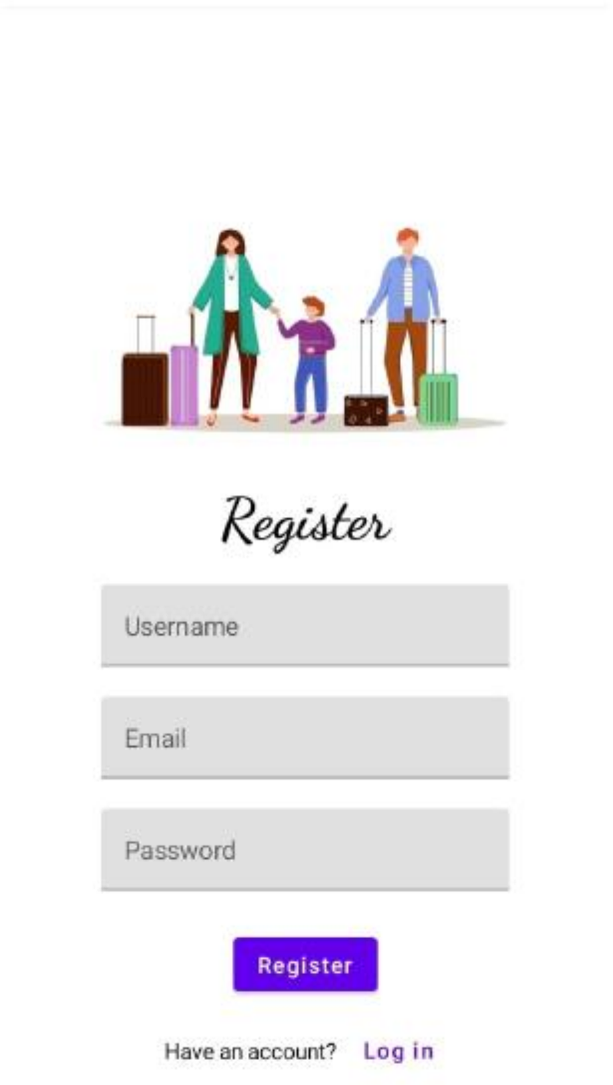
After you collaborate

3. RESULT

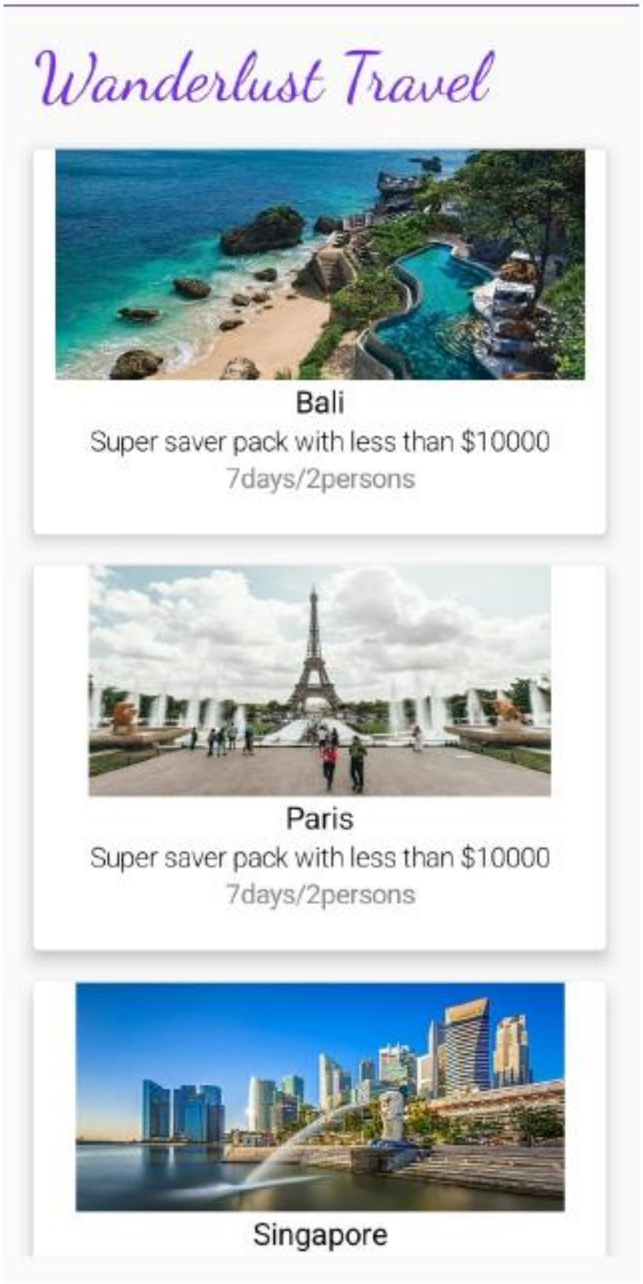
Login Page



Register Page


Register
Username
Email
Password
Register
Have an account? Log in

Main Page



Wanderlust Travel

Bali

Super saver pack with less than $10000

7days/2persons

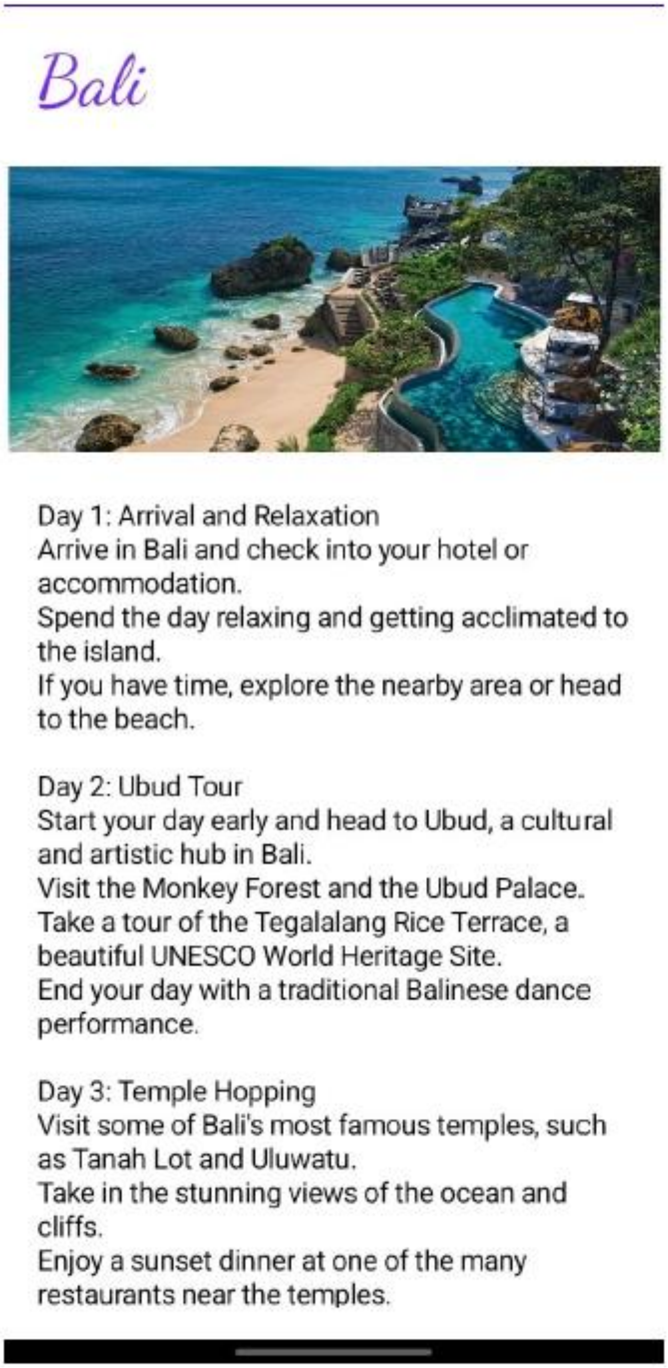
Paris

Super saver pack with less than $10000

7days/2persons

Singapore

Location Page



Bali

Day 1: Arrival and Relaxation
Arrive in Bali and check into your hotel or accommodation.
Spend the day relaxing and getting acclimated to the island.
If you have time, explore the nearby area or head to the beach.

Day 2: Ubud Tour
Start your day early and head to Ubud, a cultural and artistic hub in Bali.
Visit the Monkey Forest and the Ubud Palace.
Take a tour of the Tegalalang Rice Terrace, a beautiful UNESCO World Heritage Site.
End your day with a traditional Balinese dance performance.

Day 3: Temple Hopping
Visit some of Bali's most famous temples, such as Tanah Lot and Uluwatu.
Take in the stunning views of the ocean and cliffs.
Enjoy a sunset dinner at one of the many restaurants near the temples.

4. ADVANTAGES & DISADVANTAGES

4.1 Advantages

1) Easy to use
2) Secured
3) Tracking of current location
4) Detail information about each tourist spot

4.2 Disadvantages

1) Only selected tourist spots
2) More details to be added
3) Not interactive

5. APPLICATIONS

Wanderlust is an Android app that allows its users to keep track of their journey experiences by allowing them to save their journeys in the form of a trip diary and have all their travel experiences saved at one place. The app is used in tourism sector. In order to spice things up, we gave this app a social platform feel by allowing the user to add friends and share his profile containing journeys count and friends count with each other.

6. CONCLUSION

The “Wanderlust” App is a simple travel planning app individuals. The app list the popular tourist spots with photo and description. The user has to plan his travel based on the data shown on the App. It also features a personalized feed of recommended accommodations based on the locations.

7. FUTURE SCOPE

The present App tracks only the listing the tourist spots according to the current location. It can be enhanced by adding more features. New features include the finding the hotels in the travel locations, room booking, and other requirements. More information about each travel location needs to be added. “Wanderlust” App can be improved to fetch travel location dynamically.

8. APPENDIX

```
// User.kt

package com.example.travelapp


import androidx.room.ColumnInfo

import androidx.room.Entity

import androidx.room.PrimaryKey


@Entity(tableName = "user_table")

data class User(

    @PrimaryKey(autoGenerate = true) val id: Int?,

    @ColumnInfo(name = "first_name") val firstName: String?,

    @ColumnInfo(name = "last_name") val lastName: String?,

    @ColumnInfo(name = "email") val email: String?,

    @ColumnInfo(name = "password") val password: String?,


    )


// UserDao.kt

package com.example.travelapp


import androidx.room.*
```

```
@Dao
interface UserDao {

    @Query("SELECT * FROM user_table WHERE email = :email")
    suspend fun getUserByEmail(email: String): User?

    @Insert(onConflict = OnConflictStrategy.REPLACE)
    suspend fun insertUser(user: User)

    @Update
    suspend fun updateUser(user: User)

    @Delete
    suspend fun deleteUser(user: User)
}
```

// UserDatabase.kt

```
package com.example.travelapp

import android.content.Context
import androidx.room.Database
import androidx.room.Room
import androidx.room.RoomDatabase

@Database(entities = [User::class], version = 1)
abstract class UserDatabase : RoomDatabase() {

    abstract fun userDao(): UserDao

    companion object {

        @Volatile
        private var instance: UserDatabase? = null

        fun getDatabase(context: Context): UserDatabase {
            return instance ?: synchronized(this) {
                val newInstance = Room.databaseBuilder(
                    context.applicationContext,
                    UserDatabase::class.java,
                    "user_database"
                ).build()
                instance = newInstance
                newInstance
            }
        }

    }

}
```

// UserDatabaseHelper.kt

```
package com.example.travelapp


import android.annotation.SuppressLint

import android.content.ContentValues

import android.content.Context

import android.database.Cursor

import android.database.sqlite.SQLiteDatabase

import android.database.sqlite.SQLiteOpenHelper


class UserDatabaseHelper(context: Context) :

    SQLiteOpenHelper(context, DATABASE_NAME, null, DATABASE_VERSION) {


    companion object {

        private const val DATABASE_VERSION = 1

        private const val DATABASE_NAME = "UserDatabase.db"


        private const val TABLE_NAME = "user_table"

        private const val COLUMN_ID = "id"
        private const val COLUMN_FIRST_NAME = "first_name"
        private const val COLUMN_LAST_NAME = "last_name"
        private const val COLUMN_EMAIL = "email"
        private const val COLUMN_PASSWORD = "password"
    }

    override fun onCreate(db: SQLiteDatabase?) {
        val createTable = "CREATE TABLE $TABLE_NAME (" +
                "$COLUMN_ID INTEGER PRIMARY KEY AUTOINCREMENT, " +
                "$COLUMN_FIRST_NAME TEXT, " +
                "$COLUMN_LAST_NAME TEXT, " +
                "$COLUMN_EMAIL TEXT, " +
                "$COLUMN_PASSWORD TEXT" +
                ")"

        db?.execSQL(createTable)
    }

    override fun onUpgrade(db: SQLiteDatabase?, oldVersion: Int, newVersion: Int) {
        db?.execSQL("DROP TABLE IF EXISTS $TABLE_NAME")
        onCreate(db)
    }
    fun insertUser(user: User) {
        val db = writableDatabase
        val values = ContentValues()
        values.put(COLUMN_FIRST_NAME, user.firstName)
        values.put(COLUMN_LAST_NAME, user.lastName)
        values.put(COLUMN_EMAIL, user.email)
        values.put(COLUMN_PASSWORD, user.password)
        db.insert(TABLE_NAME, null, values)
        db.close()
    }

    @SuppressLint("Range")
    fun getUserByUsername(username: String): User? {
        val db = readableDatabase
        val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME
WHERE $COLUMN_FIRST_NAME = ?", arrayOf(username))
        var user: User? = null
        if (cursor.moveToFirst()) {
            user = User(
                id = cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
                firstName =
cursor.getString(cursor.getColumnIndex(COLUMN_FIRST_NAME)),
                lastName =
cursor.getString(cursor.getColumnIndex(COLUMN_LAST_NAME)),
                email =
cursor.getString(cursor.getColumnIndex(COLUMN_EMAIL)),
                password =
cursor.getString(cursor.getColumnIndex(COLUMN_PASSWORD)),
            )
        }
        cursor.close()
        db.close()
        return user
    }
    @SuppressLint("Range")
    fun getUserById(id: Int): User? {
        val db = readableDatabase
        val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME
WHERE $COLUMN_ID = ?", arrayOf(id.toString()))
        var user: User? = null
        if (cursor.moveToFirst()) {
            user = User(
                id = cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
                firstName =
cursor.getString(cursor.getColumnIndex(COLUMN_FIRST_NAME)),
                lastName                                              =
cursor.getString(cursor.getColumnIndex(COLUMN_LAST_NAME)),
                email                                                 =
cursor.getString(cursor.getColumnIndex(COLUMN_EMAIL)),
                password                                              =
cursor.getString(cursor.getColumnIndex(COLUMN_PASSWORD)),
            )
        }
        cursor.close()
        db.close()
        return user
    }

    @SuppressLint("Range")
    fun getAllUsers(): List<User> {
        val users = mutableListOf<User>()
        val db = readableDatabase
        val cursor: Cursor = db.rawQuery("SELECT * FROM $TABLE_NAME",
null)
        if (cursor.moveToFirst()) {
            do {
                val user = User(
                    id                                                =
cursor.getInt(cursor.getColumnIndex(COLUMN_ID)),
                    firstName                                         =
cursor.getString(cursor.getColumnIndex(COLUMN_FIRST_NAME)),
                    lastName                                          =
cursor.getString(cursor.getColumnIndex(COLUMN_LAST_NAME)),
                    email                                             =
cursor.getString(cursor.getColumnIndex(COLUMN_EMAIL)),
                    password                                          =
cursor.getString(cursor.getColumnIndex(COLUMN_PASSWORD)),
                )
                users.add(user)
            } while (cursor.moveToNext())
        }
        cursor.close()
        db.close()
        return users
    }

}
// LoginActivity.kt
package com.example.travelapp

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.*

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.FontFamily

import androidx.compose.ui.text.font.FontWeight

import androidx.compose.ui.text.input.PasswordVisualTransformation

import androidx.compose.ui.tooling.preview.Preview

import androidx.compose.ui.unit.dp

import androidx.compose.ui.unit.sp

import androidx.core.content.ContextCompat


class LoginActivity : ComponentActivity() {
    private lateinit var databaseHelper: UserDatabaseHelper
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        databaseHelper = UserDatabaseHelper(this)
        setContent {
            LoginScreen(this, databaseHelper)
        }
    }
}
@Composable
fun LoginScreen(context: Context, databaseHelper: UserDatabaseHelper) {

    var username by remember { mutableStateOf("") }
    var password by remember { mutableStateOf("") }
    var error by remember { mutableStateOf("") }

    Column(
        modifier = Modifier.fillMaxSize().background(Color.White),
        horizontalAlignment = Alignment.CenterHorizontally,
        verticalArrangement = Arrangement.Center
    ) {
        Image(painterResource(id = R.drawable.trav), contentDescription
= "")

        Text(
            fontSize = 36.sp,
            fontWeight = FontWeight.ExtraBold,
            fontFamily = FontFamily.Cursive,
            text = "Login"
        )
        Spacer(modifier = Modifier.height(10.dp))

        TextField(
            value = username,
            onValueChange = { username = it },
            label = { Text("Username") },
            modifier = Modifier.padding(10.dp)
                .width(280.dp)
        )

        TextField(
            value = password,
            onValueChange = { password = it },
            label = { Text("Password") },
            visualTransformation = PasswordVisualTransformation(),
            modifier = Modifier.padding(10.dp)
                .width(280.dp)
        )

        if (error.isNotEmpty()) {
            Text(
                text = error,
                color = MaterialTheme.colors.error,
                modifier = Modifier.padding(vertical = 16.dp)
            )
        }

        Button(
            onClick = {
                if (username.isNotEmpty() && password.isNotEmpty()) {
                    val                     user                          =
databaseHelper.getUserByUsername(username)
                    if (user != null && user.password == password) {
                        error = "Successfully log in"
                        context.startActivity(
                            Intent(
                                context,
                                MainActivity::class.java
                            )
                        )
                        //onLoginSuccess()
                    }
                    else {
                        error =  "Invalid username or password"
                    }

                } else {
                    error = "Please fill all fields"
                }
            },
            modifier = Modifier.padding(top = 16.dp)
        ) {
            Text(text = "Login")
        }
        Row {
            TextButton(onClick = {context.startActivity(
                Intent(
                    context,
                    RegisterActivity::class.java
```

```
                )
            )}
            )
            { Text(text = "Register") }
            TextButton(onClick = {
            })

            {
                Spacer(modifier = Modifier.width(60.dp))
                Text(text = "Forget password?")
            }
        }
    }
}
private fun startMainPage(context: Context) {
    val intent = Intent(context, MainActivity::class.java)
    ContextCompat.startActivity(context, intent, null)
}
```

// RegisterActivity.kt

```
package com.example.travelapp

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.*
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.FontFamily
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.input.PasswordVisualTransformation
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import androidx.core.content.ContextCompat
```

```
class RegisterActivity : ComponentActivity() {
    private lateinit var databaseHelper: UserDatabaseHelper
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        databaseHelper = UserDatabaseHelper(this)
        setContent {
            RegistrationScreen(this, databaseHelper)
        }
    }
}

@Composable
fun RegistrationScreen(context: Context, databaseHelper:
UserDatabaseHelper) {

    var username by remember { mutableStateOf("") }
    var password by remember { mutableStateOf("") }
    var email by remember { mutableStateOf("") }
    var error by remember { mutableStateOf("") }

    Column(
        modifier = Modifier.fillMaxSize().background(Color.White),
        horizontalAlignment = Alignment.CenterHorizontally,
        verticalArrangement = Arrangement.Center
    ) {

        Image(painterResource(id = R.drawable.tra), contentDescription = "")

        Text(
            fontSize = 36.sp,
            fontWeight = FontWeight.ExtraBold,
            fontFamily = FontFamily.Cursive,
            text = "Register"
        )

        Spacer(modifier = Modifier.height(10.dp))
        TextField(
            value = username,
            onValueChange = { username = it },
            label = { Text("Username") },
            modifier = Modifier
                .padding(10.dp)
                .width(280.dp)


        )
```

```
TextField(

    value = email,

    onValueChange = { email = it },

    label = { Text("Email") },

    modifier = Modifier

        .padding(10.dp)

        .width(280.dp)

)


TextField(

    value = password,

    onValueChange = { password = it },

    label = { Text("Password") },

    visualTransformation = PasswordVisualTransformation(),

    modifier = Modifier

        .padding(10.dp)

        .width(280.dp)

)



if (error.isNotEmpty()) {
```

```
            Text(
                text = error,
                color = MaterialTheme.colors.error,
                modifier = Modifier.padding(vertical = 16.dp)
            )
        }

        Button(
            onClick = {
                if (username.isNotEmpty() && password.isNotEmpty() &&
email.isNotEmpty()) {
                    val user = User(
                        id = null,
                        firstName = username,
                        lastName = null,
                        email = email,
                        password = password
                    )
                    databaseHelper.insertUser(user)
                    error = "User registered successfully"
                    // Start LoginActivity using the current context
                    context.startActivity(
                        Intent(
                            context,
                            LoginActivity::class.java
                        )
                    )

                } else {
                    error = "Please fill all fields"
                }
            },
            modifier = Modifier.padding(top = 16.dp)
        ) {
            Text(text = "Register")
        }
        Spacer(modifier = Modifier.width(10.dp))
        Spacer(modifier = Modifier.height(10.dp))

        Row() {
            Text(
                modifier = Modifier.padding(top = 14.dp), text = "Have
an account?"
            )
            TextButton(onClick = {
                context.startActivity(
                    Intent(
                        context,
                        LoginActivity::class.java
                    )
                )
            })

            {
                Spacer(modifier = Modifier.width(10.dp))
                Text(text = "Log in")
            }
        }
    }
}
private fun startLoginActivity(context: Context) {
    val intent = Intent(context, LoginActivity::class.java)
    ContextCompat.startActivity(context, intent, null)
}
```

// MainActivity.kt

```
package com.example.travelapp

import android.content.Context
```

```kotlin
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.clickable

import androidx.compose.foundation.layout.*

import androidx.compose.foundation.rememberScrollState

import androidx.compose.foundation.verticalScroll

import androidx.compose.material.Card

import androidx.compose.material.Text

import androidx.compose.runtime.Composable

import androidx.compose.ui.Alignment

import androidx.compose.ui.Modifier

import androidx.compose.ui.draw.scale

import androidx.compose.ui.graphics.Color

import androidx.compose.ui.res.painterResource

import androidx.compose.ui.res.stringResource

import androidx.compose.ui.text.font.FontFamily

import androidx.compose.ui.text.font.FontWeight

import androidx.compose.ui.text.style.TextAlign

import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp

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


    @Composable
    fun TravelApp(context: Context) {
        Column(
            modifier = Modifier
                .padding(20.dp)
                .verticalScroll(rememberScrollState())

        ) {

            Text(
                fontSize = 40.sp,
                color = Color(android.graphics.Color.rgb(120, 40,
251)),
                fontFamily = FontFamily.Cursive,
                text = "Wanderlust Travel"
            )

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

            // 01
            Card(
                modifier = Modifier
                    .fillMaxWidth()
                    .height(250.dp)
                    .clickable {
                    context.startActivity(
                        Intent(context, BaliActivity::class.java)

                    )
                    },
                elevation = 8.dp
            )
            {
                Column(
                    horizontalAlignment = Alignment.CenterHorizontally
                ) {
                    Image(
                        painterResource(id = R.drawable.bali),
contentDescription = "",
                        modifier = Modifier
                            .height(150.dp)
                            .scale(scaleX = 1.2F, scaleY = 1F)
                    )

                    Text(
                        text = stringResource(id = R.string.place_1),
                        fontSize = 18.sp
                    )



                    Text(
                        text = stringResource(id =
R.string.description),
                        fontWeight = FontWeight.Light,
                        fontSize = 16.sp,
                        textAlign = TextAlign.Center,
                    )
                    Text(
                        text = stringResource(id = R.string.plan), color
= Color.Gray,
                        fontSize = 16.sp
                    )
                }
            }

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



            //02
            Card(
                modifier = Modifier
                    .fillMaxWidth()
                    .height(250.dp)
                    .clickable {
                    context.startActivity(
                        Intent(context, ParisActivity::class.java)

                    )
                    },
                elevation = 8.dp
            )
            {
                Column(
                    horizontalAlignment = Alignment.CenterHorizontally
                ) {
                    Image(
                        painterResource(id = R.drawable.paris),
contentDescription = "",
                        modifier = Modifier
                            .height(150.dp)
                            .scale(scaleX = 1.2F, scaleY = 1F)
                    )

                    Text(
                        text = stringResource(id = R.string.place_2),
                        fontSize = 18.sp
                    )


                    Text(
                        text = stringResource(id =
R.string.description),
                        fontWeight = FontWeight.Light,

                        fontSize = 16.sp,

                        textAlign = TextAlign.Center,

                    )


                    Text(

                        text = stringResource(id = R.string.plan), color
= Color.Gray,

                        fontSize = 16.sp

                    )

                }

            }


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


            //03

            Card(

                modifier = Modifier

                    .fillMaxWidth()

                    .height(250.dp)

                    .clickable {

                    context.startActivity(

                        Intent(context, SingaporeActivity::class.java)
                    )
                    },
                elevation = 8.dp
            )
            {
                Column(
                    horizontalAlignment = Alignment.CenterHorizontally
                ) {
                    Image(
                        painterResource(id = R.drawable.singapore),
contentDescription = "",
                        modifier = Modifier
                            .height(150.dp)
                            .scale(scaleX = 1.2F, scaleY = 1F)
                    )

                    Text(
                        text = stringResource(id = R.string.place_3),
                        fontSize = 18.sp
                    )
                    Text(
                        text = stringResource(id =
R.string.description),
                        fontWeight = FontWeight.Light,
                        fontSize = 16.sp,
                        textAlign = TextAlign.Center,
                    )

                    Text(
                        text = stringResource(id = R.string.plan), color
= Color.Gray,
                        fontSize = 16.sp
                    )
                }
            }

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

// BaliActivity.kt

```
package com.example.travelapp
```

```
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.foundation.rememberScrollState

import androidx.compose.foundation.verticalScroll

import androidx.compose.material.MaterialTheme

import androidx.compose.material.Surface

import androidx.compose.material.Text

import androidx.compose.runtime.Composable

import androidx.compose.ui.Modifier

import androidx.compose.ui.draw.scale

import androidx.compose.ui.graphics.Color

import androidx.compose.ui.res.painterResource

import androidx.compose.ui.res.stringResource

import androidx.compose.ui.text.font.FontFamily

import androidx.compose.ui.tooling.preview.Preview

import androidx.compose.ui.unit.dp

import androidx.compose.ui.unit.sp
```

```kotlin
import com.example.travelapp.ui.theme.TravelAppTheme


class BaliActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            TravelAppTheme {
                // A surface container using the 'background' color from the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colors.background
                ) {
                    PlaceOne()
                }
            }
        }
    }
}


@Composable
fun PlaceOne() {
    Column(modifier = Modifier.background(color = Color.White)
        .padding(20.dp)
        .verticalScroll(rememberScrollState())
    ) {
        Text(
            fontSize = 40.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = stringResource(id = R.string.place_1),
        )
        Image(
            painterResource(id = R.drawable.bali), contentDescription =
"",
            modifier = Modifier
                .padding(16.dp)
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color=Color.Black,
            text = "Day 1: Arrival and Relaxation\n" +
                    "Arrive in Bali and check into your hotel or
accommodation.\n" +
                    "Spend the day relaxing and getting acclimated to
the island.\n" +
                    "If you have time, explore the nearby area or head
to the beach.\n" +
                    "\n" +

                    "Day 2: Ubud Tour\n" +

                    "Start your day early and head to Ubud, a cultural
and artistic hub in Bali.\n" +
                    "Visit the Monkey Forest and the Ubud Palace.\n" +
                    "Take a tour of the Tegalalang Rice Terrace, a
beautiful UNESCO World Heritage Site.\n" +
                    "End your day with a traditional Balinese dance
performance.\n" +
                    "\n" +
                    "Day 3: Temple Hopping\n" +

                    "Visit some of Bali's most famous temples, such as
Tanah Lot and Uluwatu.\n" +
                    "Take in the stunning views of the ocean and
cliffs.\n" +
                    "Enjoy a sunset dinner at one of the many restaurants near the temples.\n" +
                    "\n" +
                    "Day 4: Waterfalls and Beaches\n" +

                    "Take a day trip to Bali's beautiful waterfalls, such as Tegenungan or Gitgit.\n" +
                    "Spend the afternoon at one of Bali's world-renowned beaches, like Seminyak or Nusa Dua.\n" +
                    "\n" +
                    "Day 5: Island Hopping\n" +

                    "Take a day trip to one of Bali's neighboring islands, such as Nusa Lembongan or Gili Islands.\n" +
                    "Snorkel or scuba dive in the clear waters and relax on the beach.\n" +
                    "\n" +
                    "Day 6: Cultural Activities\n" +
                    "Visit a traditional Balinese village and learn about the island.\n" +
            "\n" +
                    "Day 7: Departure\n" +
                    "Explore the surrounding area and take in the stunning sunset views.\n" +
                    "Have dinner at a local restaurant before returning
to your accommodation."
        )


    }
}
```

// ParisActivity.kt

```
package com.example.travelapp

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.foundation.rememberScrollState
import androidx.compose.foundation.verticalScroll
import androidx.compose.material.MaterialTheme
import androidx.compose.material.Surface
import androidx.compose.material.Text
import androidx.compose.runtime.Composable
import androidx.compose.ui.Modifier
import androidx.compose.ui.draw.scale
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.res.stringResource
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import com.example.travelapp.ui.theme.TravelAppTheme

class ParisActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            TravelAppTheme {
                // A surface container using the 'background' color from
the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colors.background
                ) {
                    Greeting()
                }
            }
        }
    }
}

@Composable
fun Greeting() {

    Column(
        modifier = Modifier.background(color = Color.White)
            .padding(20.dp)
            .verticalScroll(rememberScrollState())
    ) {
        Text(
            fontSize = 40.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = stringResource(id = R.string.place_2),
        )
        Image(
            painterResource(id = R.drawable.paris), contentDescription
= "",
            modifier = Modifier
```

```
                .padding(16.dp)
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color=Color.Black,
            text = "Day 1: Arrival and Introduction\n" +

                    "Check into your accommodation and freshen up\n" +
                    "Take a stroll around the neighborhood to get
acquainted\n" +
                    "Visit the Eiffel Tower, preferably in the evening
when it is lit up\n" +
                    "Have a relaxing dinner at a nearby restaurant\n" +

                    "\n" +
                    "Day 2: Art and History\n" +

                    "Visit the Louvre Museum to see some of the world's
most famous art pieces\n" +
                    "Stroll through the Tuileries Garden and the Place
de la Concorde\n" +
                    "Visit the Orsay Museum, which houses a large
collection of impressionist art\n" +
                    "Have dinner at a local French restaurant\n" +


                    "\n" +
                    "Day 3: French Culture and Food\n" +


                    "Visit the Montmartre neighborhood to see the famous
Basilique du Sacré-Cœur and Place du Tertre\n" +
                    "Explore the historic neighborhood of Le Marais\n"
+
                    "Try some delicious French pastries at a local
bakery\n" +
                    "Have dinner at a brasserie to taste some classic
French cuisine\n" +


                    "\n" +


                    "Day 4: Architecture and Gardens\n" +


                    "Visit the Palace of Versailles, a UNESCO World
Heritage site, and explore its beautiful gardens\n" +
                    "Walk along the Champs-Elysées and stop at the Arc
de Triomphe\n" +
                    "Visit the Sainte-Chapelle, a beautiful Gothic
chapel with stunning stained-glass windows\n" +
                    "Have dinner at a local restaurant in the 7th
arrondissement\n" +


                    "\n" +
                    "Day 5: Shopping and Sightseeing\n" +


                    "Visit the Notre-Dame Cathedral and climb up to the
top for a stunning view of the city\n" +
                    "Explore the Latin Quarter and visit the Panthéon\n"
+
                    "Go shopping at the famous Galeries Lafayette or
Printemps department stores\n" +
                    "Have dinner at a local bistro\n" +
                    "\n" +
                    "Day 6: Parisian Parks and Museums\n" +


                    "Visit the Musée Rodin and explore its beautiful
gardens\n" +
                    "Stroll through the Luxembourg Gardens and visit the
Luxembourg Palace\n" +
                    "Visit the Centre Pompidou, a modern art museum in
the Marais neighborhood\n" +
                    "Have dinner at a local restaurant in the Latin Quarter\n" +
                    "\n" +
                    "Day 7: River Cruise and Farewell\n" +

                    "Take a boat cruise along the Seine River to see the city from a different perspective\n" +
                    "Visit the Musée de l'Orangerie, which houses Monet's famous water lilies paintings\n" +
                    "Have a farewell dinner at a Michelin-starred restaurant"
        )
    }
}

// SingaporeActivity.kt
package com.example.travelapp

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.foundation.rememberScrollState
import androidx.compose.foundation.verticalScroll
import androidx.compose.material.MaterialTheme
import androidx.compose.material.Surface
import androidx.compose.material.Text
import androidx.compose.runtime.Composable
import androidx.compose.ui.Modifier
import androidx.compose.ui.draw.scale
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.res.stringResource
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.tooling.preview.Preview
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp
import com.example.travelapp.ui.theme.TravelAppTheme

class SingaporeActivity : ComponentActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContent {
            TravelAppTheme {
                // A surface container using the 'background' color from
the theme
                Surface(
                    modifier = Modifier.fillMaxSize(),
                    color = MaterialTheme.colors.background
                ) {
                    Greeting2()
                }
            }
        }
    }
}

@Composable
fun Greeting2() {

    Column(
        modifier = Modifier.background(color = Color.White)
            .padding(20.dp)
            .verticalScroll(rememberScrollState())
    ) {
        Text(
            fontSize = 40.sp,

            color = Color(android.graphics.Color.rgb(120, 40, 251)),

            fontFamily = FontFamily.Cursive,

            text = stringResource(id = R.string.place_3),

        )

        Image(

            painterResource(id = R.drawable.singapore),
contentDescription = "",

            modifier = Modifier

                .padding(16.dp)

                .fillMaxWidth()

                .height(200.dp)

                .scale(scaleX = 1.2F, scaleY = 1F)

        )

        Text(

            color = Color.Black,

            text = "Day 1:\n" +


                    "Morning: Visit Gardens by the Bay and marvel at the
Supertree Grove and the Flower Dome and Cloud Forest conservatories.\n"
+

                    "Afternoon: Explore the Marina Bay Sands complex,
which includes a casino, luxury shopping mall, and observation deck with
a stunning view of the city.\n" +
                    "\n" +
                    "Day 2:\n" +

                    "Morning: Explore the historic district of Chinatown, including the Buddha Tooth Relic Temple and Museum and the Sri Mariamman Temple.\n" +
                    "Afternoon: Visit the nearby Clarke Quay for lunch and to explore its waterfront restaurants, bars, and shops.\n" +
                    "\n" +
                    "Day 3:\n" +

                    "Morning: Take a tour of the UNESCO-listed Botanic Gardens, one of the world's most famous and significant tropical gardens.\n" +
                    "Afternoon: Head over to the National Museum of Singapore, which houses a vast collection of historical and cultural artifacts.\n" +

                    "\n" +
                    "Day 4:\n" +

                    "Morning: Visit the Singapore Zoo and admire the wildlife, including orangutans, tigers, and elephants.\n" +
                    "Afternoon: Head over to Sentosa Island and relax at one of its many beaches or try some of the many attractions such as Universal Studios Singapore or Adventure Cove Waterpark.\n" +
                    "\n" +
                    "Day 5:\n" +

                    "Morning: Go on a nature walk at MacRitchie Reservoir, which offers hiking trails and stunning views of the city skyline.\n" +
                    "Afternoon: Visit Little India, a vibrant and colorful neighborhood, and explore the shops, temples, and food stalls.\n" +
                    "\n" +
                    "Day 6:\n" +

                    "Morning: Explore the trendy neighborhood of Tiong Bahru, known for its hip cafes and boutiques, as well as its Art Deco architecture.\n" +
                    "Afternoon: Visit the National Gallery Singapore, which houses the largest public collection of modern art in Singapore and Southeast Asia.\n" +
                    "\n" +
                    "Day 7:\n" +
                    "Morning: Take a day trip to the nearby island of
Pulau Ubin, where you can rent a "
        )
    }
}
```