Wanderlust: A Personalized Travel Planning And Tracking App

1. INTRODUCTION

1.1 OVERVIEW:

In today's fast-paced world, travellers are always looking for ways to simplify and streamline their trip preparations. A travel planner app is a perfect solution for these needs, offering numerous benefits that make the planning process easier and more enjoyable.

The Wanderlust Personal Travel Planner is here to help make our life easier. This printable planner has everything we need to organize and visualize our trip, from booking activities and accommodations to tracking our budget. It's the perfect way to stay organized and enjoy our vacation without any stress.

The app was designed with a clean and modern interface, featuring intuitive icons and buttons that make it easy for users to navigate the app. It was developed using the latest Android development technologies, optimized for performance and security, and tested thoroughly to ensure that it functioned properly on different devices.

1.2 Purpose:

The purpose of Wanderlust, a personalized travel planning and tracking app, is to make travel planning and tracking easier, more organized, and more personalized for users. The app is designed to provide users with a comprehensive solution for all their travel needs, from planning and booking their trip to tracking their expenses and documenting their journey.

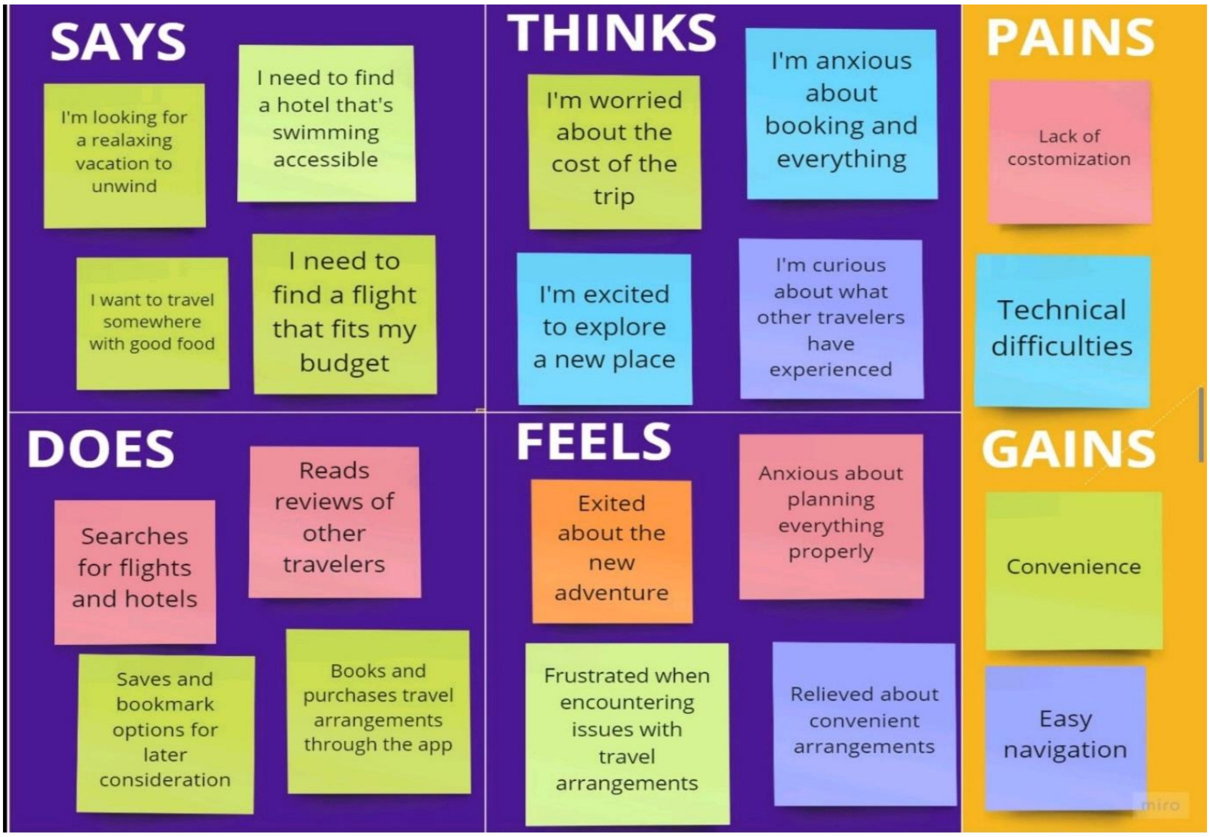
The app's personalized travel recommendations, based on user preferences and travel history, help users discover new destinations and experiences that match their interests and budget. The trip planning tools enable users to organize and manage their entire trip itinerary, including flights, hotels, and activities, all in one place.

Wanderlust also offers real-time travel alerts to keep users informed of any travel disruptions or changes to their itinerary. The expense tracking feature helps users stay on budget by monitoring their expenses throughout the trip. And the travel journal feature allows users to document their journey and share their experiences with friends and family.

Overall, the purpose of Wanderlust is to provide a seamless and personalized travel planning and tracking experience for users, making it easier and more enjoyable to explore new destinations and create unforgettable memories.

2. PROBLEM DEFINITION AND DESIGN THINKING

2.1 Empathy map:



SAYS

I'm looking for a realaxing vacation to unwind

I need to find a hotel that's swimming accessible

I want to travel somewhere with good food

I need to find a flight that fits my budget

THINKS

I'm worried about the cost of the trip

I'm anxious about booking and everything

I'm excited to explore a new place

I'm curious about what other travelers have experienced

PAINS

Lack of costomization

Technical difficulties

DOES

Searches for flights and hotels

Reads reviews of other travelers

Saves and bookmark options for later consideration

Books and purchases travel arrangements through the app

FEELS

Exited about the new adventure

Anxious about planning everything properly

Frustrated when encountering issues with travel arrangements

Relieved about convenient arrangements

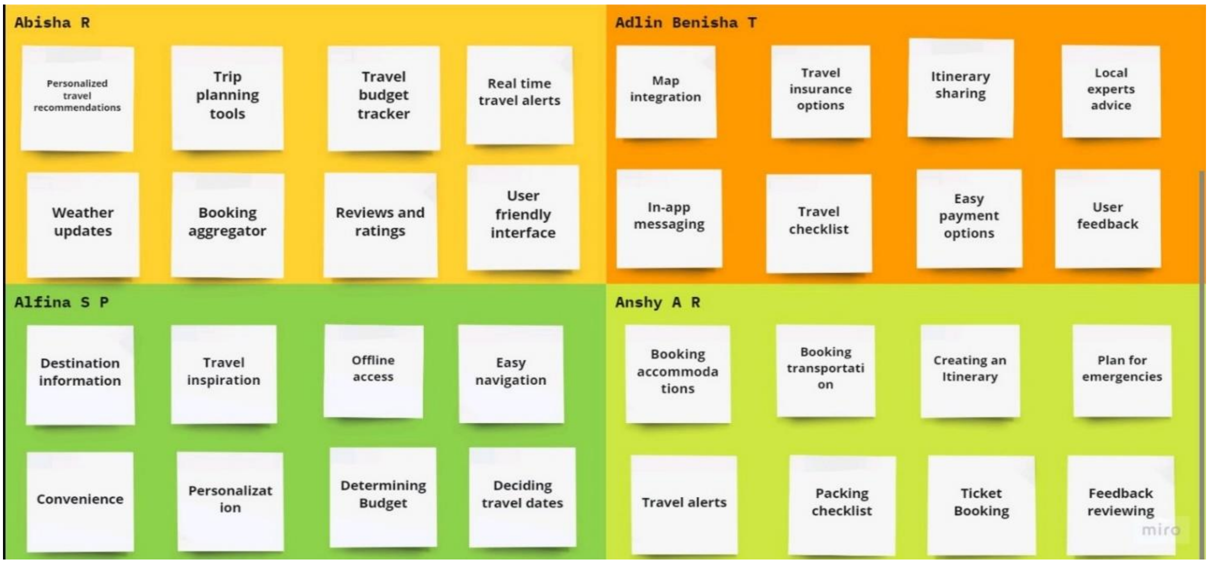
GAINS

Convenience

Easy navigation

miro

2.2 Ideation & Brainstorming Map:



Abisha R

Personalized travel recommendations

Trip planning tools

Travel budget tracker

Real time travel alerts

Weather updates

Booking aggregator

Reviews and ratings

User friendly interface

Adlin Benisha T

Map integration

Travel insurance options

Itinerary sharing

Local experts advice

In-app messaging

Travel checklist

Easy payment options

User feedback

Alfina S P

Destination information

Travel inspiration

Offline access

Easy navigation

Convenience

Personalizat ion

Determining Budget

Deciding travel dates

Anshy A R

Booking accommoda tions

Booking transportati on

Creating an Itinerary

Plan for emergencies

Travel alerts

Packing checklist

Ticket Booking

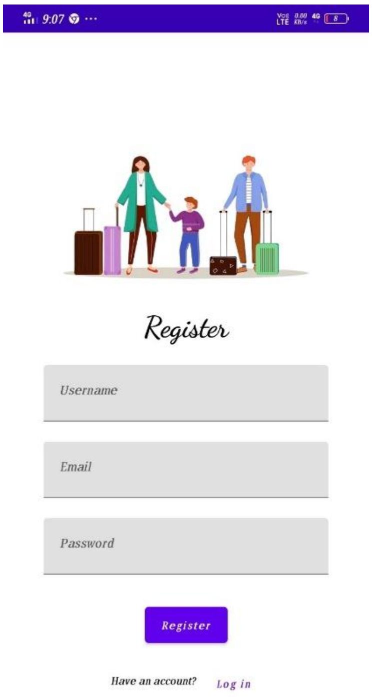
Feedback reviewing

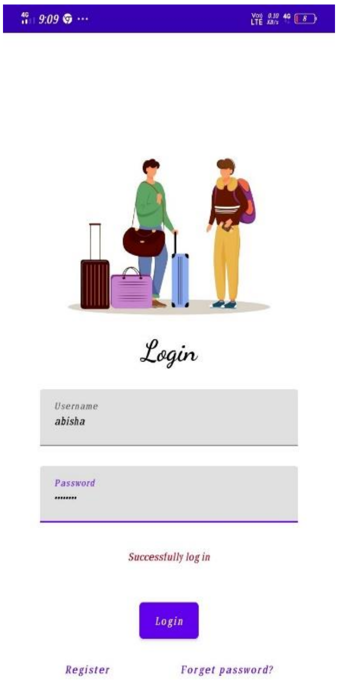
miro

3. RESULT

Output:

RegisterActivity & LoginActivity:

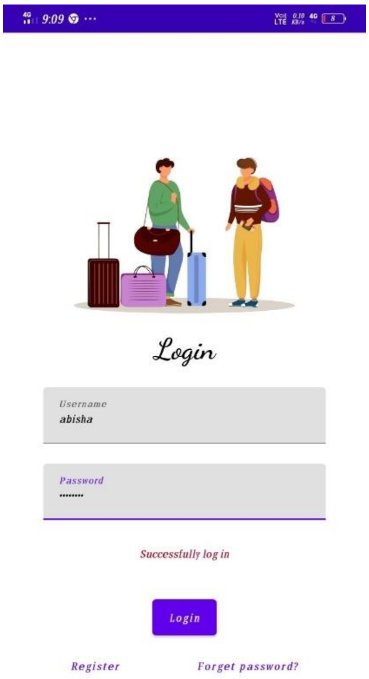




Username
abisha

Password
••••••••

Successfully log in

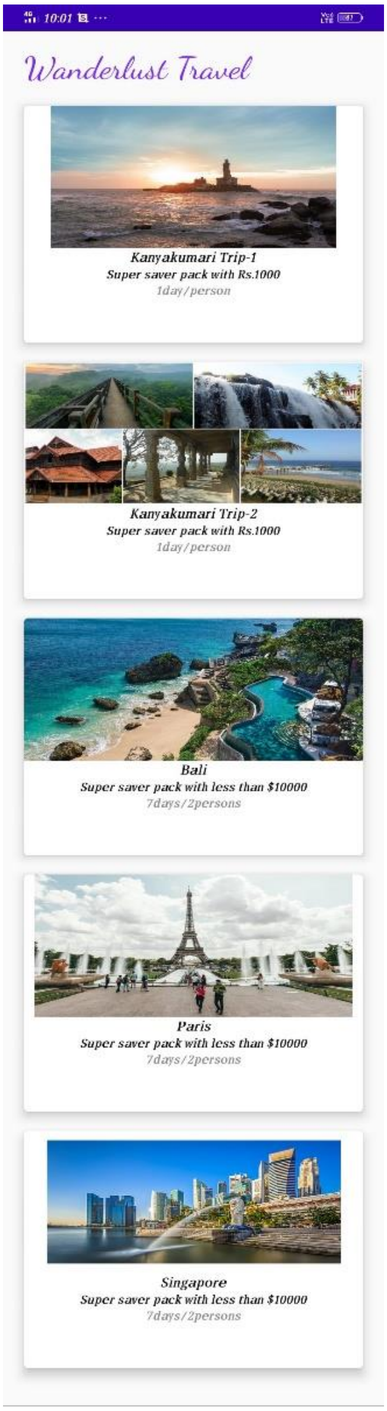


Username
abisha

Password
••••••••

Successfully log in

MainActivity & TripActivity:



Wanderlust Travel

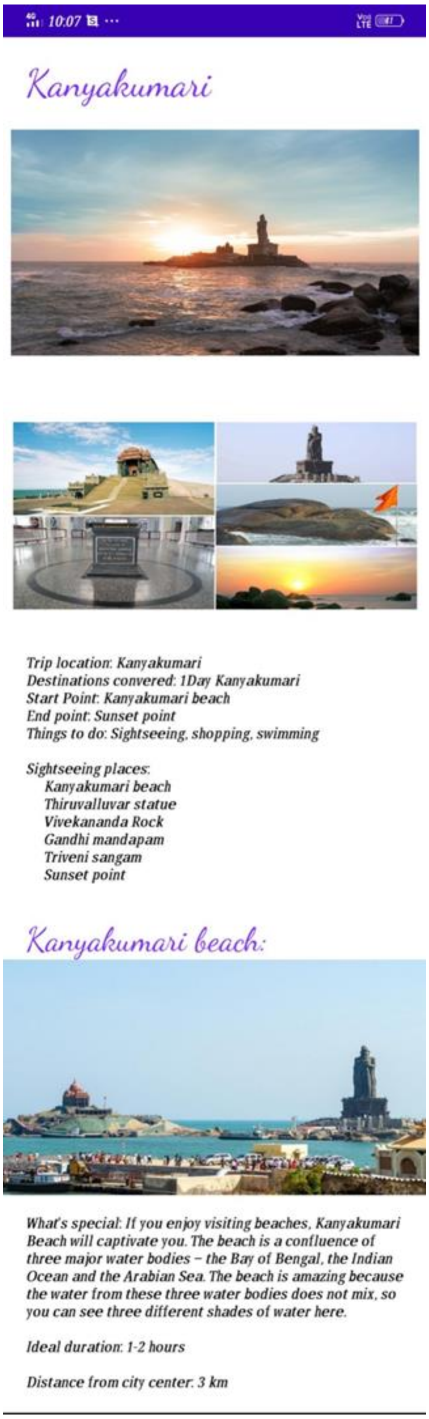
Kanyakumari Trip-1
Super saver pack with Rs.1000
1day/person

Kanyakumari Trip-2
Super saver pack with Rs.1000
1day/person

Bali
Super saver pack with less than $10000
7days/2persons

Paris
Super saver pack with less than $10000
7days/2persons

Singapore
Super saver pack with less than $10000
7days/2persons



Kanyakumari

Trip location: Kanyakumari
Destinations convered: 1Day Kanyakumari
Start Point: Kanyakumari beach
End point: Sunset point
Things to do: Sightseeing, shopping, swimming

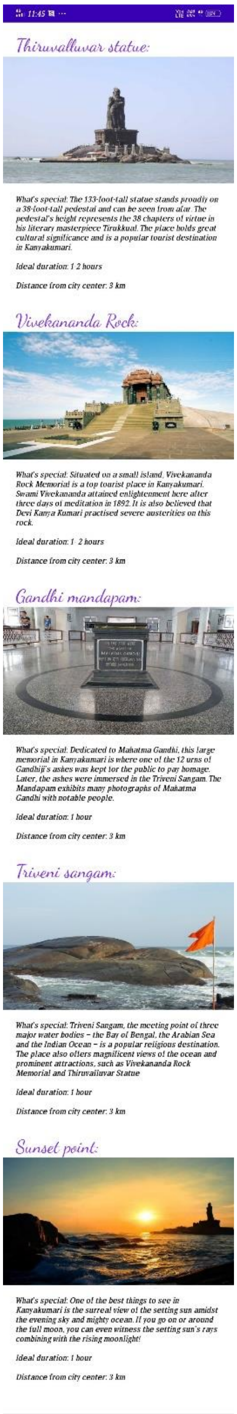
Sightseeing places:
- Kanyakumari beach
- Thiruvalluvar statue
- Vivekananda Rock
- Gandhi mandapam
- Triveni sangam
- Sunset point

Kanyakumari beach:

What's special: If you enjoy visiting beaches, Kanyakumari Beach will captivate you. The beach is a confluence of three major water bodies – the Bay of Bengal, the Indian Ocean and the Arabian Sea. The beach is amazing because the water from these three water bodies does not mix, so you can see three different shades of water here.

Ideal duration: 1-2 hours

Distance from city center: 3 km



Thiruvalluvar statue:

What's special: The 133-foot-tall statue stands proudly on a 38-foot-tall pedestal and can be seen from afar. The pedestal's height represents the 38 chapters of virtue in his literary masterpiece Tirukkual. The place holds great cultural significance and is a popular tourist destination in Kanyakumari.

Ideal duration: 1-2 hours

Distance from city center: 3 km

Vivekananda Rock:

What's special: Situated on a small island, Vivekananda Rock Memorial is a top tourist place in Kanyakumari. Swami Vivekananda attained enlightenment here after three days of meditation in 1892. It is also believed that Devi Kanya Kumari practised severe austerities on this rock.

Ideal duration: 1- 2 hours

Distance from city center: 3 km

Gandhi mandapam:

What's special: Dedicated to Mahatma Gandhi, this large memorial in Kanyakumari is where one of the 12 urns of Gandhiji's ashes was kept for the public to pay homage. Later, the ashes were immersed in the Triveni Sangam. The Mandapam exhibits many photographs of Mahatma Gandhi with notable people.

Ideal duration: 1 hour

Distance from city center: 3 km

Triveni sangam:

What's special: Triveni Sangam, the meeting point of three major water bodies – the Bay of Bengal, the Arabian Sea and the Indian Ocean – is a popular religious destination. The place also offers magnificent views of the ocean and prominent attractions, such as Vivekananda Rock Memorial and Thiruvalluvar Statue

Ideal duration: 1 hour

Distance from city center: 3 km

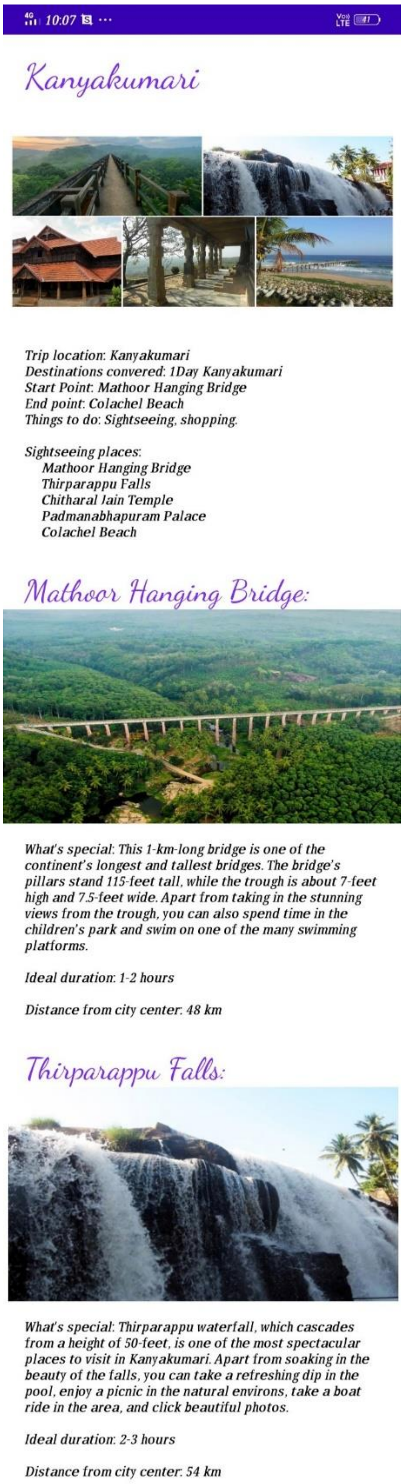
Sunset point:

What's special: One of the best things to see in Kanyakumari is the surreal view of the setting sun amidst the evening sky and mighty ocean. If you go on or around the full moon, you can even witness the setting sun's rays combining with the rising moonlight!

Ideal duration: 1 hour

Distance from city center: 3 km

KkActivity:



Kanyakumari

Trip location: Kanyakumari
Destinations convered: 1Day Kanyakumari
Start Point: Mathoor Hanging Bridge
End point: Colachel Beach
Things to do: Sightseeing, shopping.

Sightseeing places:
Mathoor Hanging Bridge
Thirparappu Falls
Chitharal Jain Temple
Padmanabhapuram Palace
Colachel Beach

Mathoor Hanging Bridge:

What's special: This 1-km-long bridge is one of the continent's longest and tallest bridges. The bridge's pillars stand 115-feet tall, while the trough is about 7-feet high and 7.5-feet wide. Apart from taking in the stunning views from the trough, you can also spend time in the children's park and swim on one of the many swimming platforms.

Ideal duration: 1-2 hours

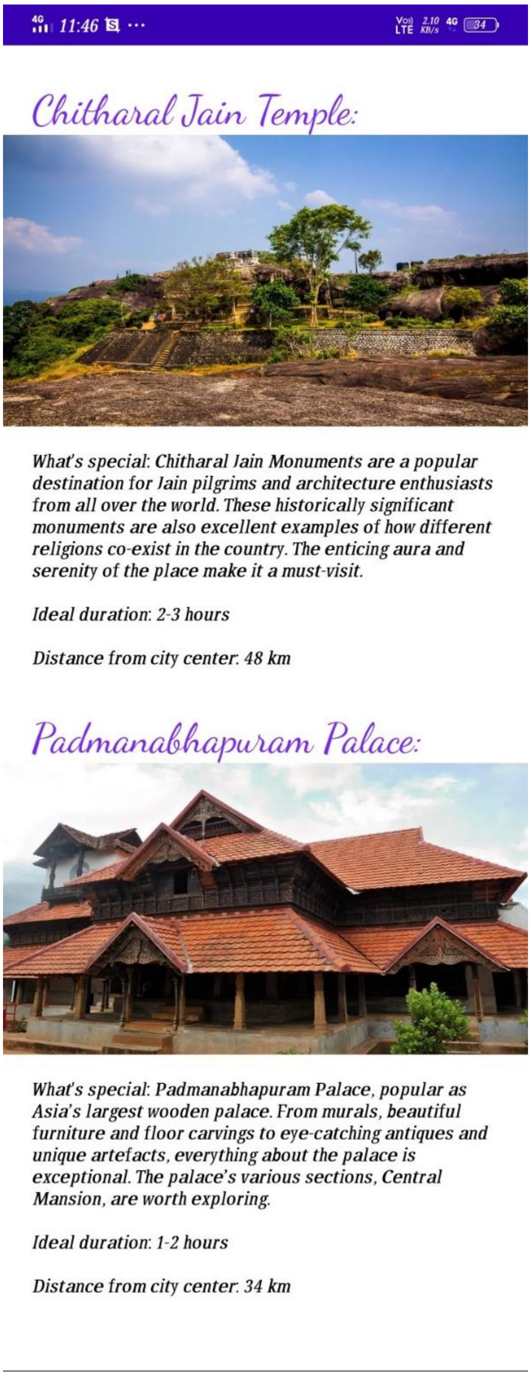
Distance from city center: 48 km

Thirparappu Falls:

What's special: Thirparappu waterfall, which cascades from a height of 50-feet, is one of the most spectacular places to visit in Kanyakumari. Apart from soaking in the beauty of the falls, you can take a refreshing dip in the pool, enjoy a picnic in the natural environs, take a boat ride in the area, and click beautiful photos.

Ideal duration: 2-3 hours

Distance from city center: 54 km



Chitharal Jain Temple:

What's special: Chitharal Jain Monuments are a popular destination for Jain pilgrims and architecture enthusiasts from all over the world. These historically significant monuments are also excellent examples of how different religions co-exist in the country. The enticing aura and serenity of the place make it a must-visit.

Ideal duration: 2-3 hours

Distance from city center: 48 km

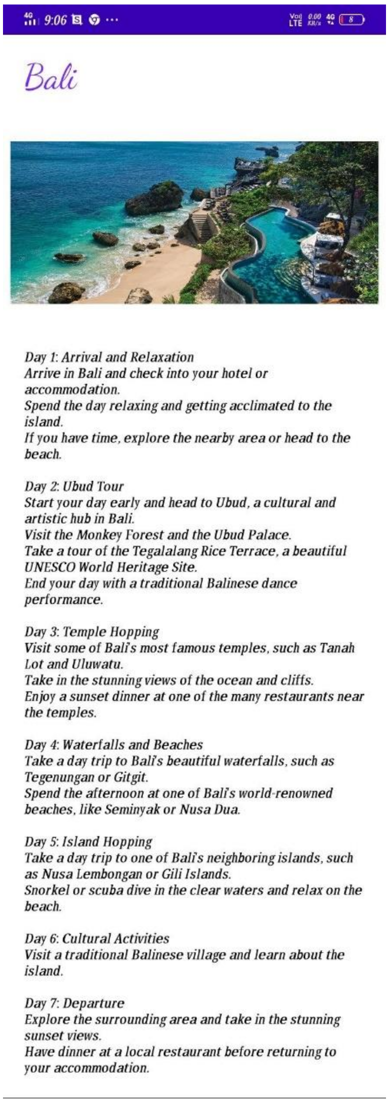
Padmanabhapuram Palace:

What's special: Padmanabhapuram Palace, popular as Asia's largest wooden palace. From murals, beautiful furniture and floor carvings to eye-catching antiques and unique artefacts, everything about the palace is exceptional. The palace's various sections, Central Mansion, are worth exploring.

Ideal duration: 1-2 hours

Distance from city center: 34 km

BaliActivity, ParisActivity & SingaporeActivity:



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.

Day 4: Waterfalls and Beaches

Take a day trip to Bali's beautiful waterfalls, such as Tegenungan or Gitgit.

Spend the afternoon at one of Bali's world-renowned beaches, like Seminyak or Nusa Dua.

Day 5: Island Hopping

Take a day trip to one of Bali's neighboring islands, such as Nusa Lembongan or Gili Islands.

Snorkel or scuba dive in the clear waters and relax on the beach.

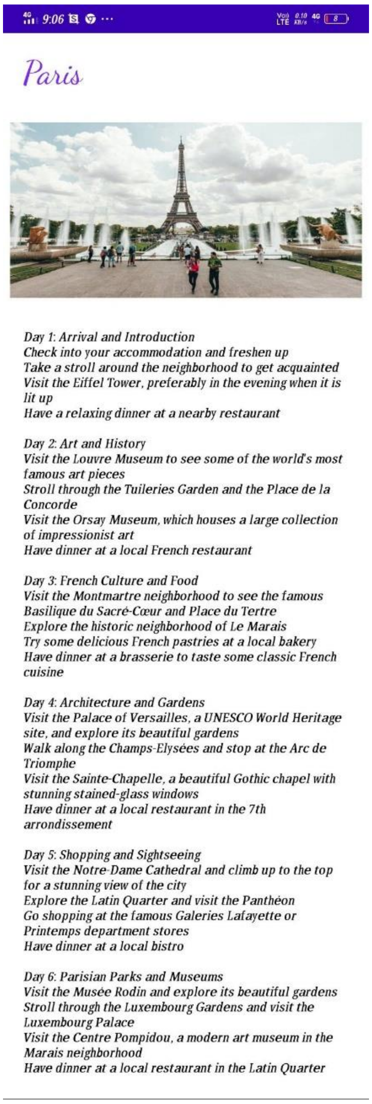
Day 6: Cultural Activities

Visit a traditional Balinese village and learn about the island.

Day 7: Departure

Explore the surrounding area and take in the stunning sunset views.

Have dinner at a local restaurant before returning to your accommodation.



Paris

Day 1: Arrival and Introduction

Check into your accommodation and freshen up

Take a stroll around the neighborhood to get acquainted

Visit the Eiffel Tower, preferably in the evening when it is lit up

Have a relaxing dinner at a nearby restaurant

Day 2: Art and History

Visit the Louvre Museum to see some of the world's most famous art pieces

Stroll through the Tuileries Garden and the Place de la Concorde

Visit the Orsay Museum, which houses a large collection of impressionist art

Have dinner at a local French restaurant

Day 3: French Culture and Food

Visit the Montmartre neighborhood to see the famous Basilique du Sacré-Cœur and Place du Tertre

Explore the historic neighborhood of Le Marais

Try some delicious French pastries at a local bakery

Have dinner at a brasserie to taste some classic French cuisine

Day 4: Architecture and Gardens

Visit the Palace of Versailles, a UNESCO World Heritage site, and explore its beautiful gardens

Walk along the Champs-Elysées and stop at the Arc de Triomphe

Visit the Sainte-Chapelle, a beautiful Gothic chapel with stunning stained-glass windows

Have dinner at a local restaurant in the 7th arrondissement

Day 5: Shopping and Sightseeing

Visit the Notre-Dame Cathedral and climb up to the top for a stunning view of the city

Explore the Latin Quarter and visit the Panthéon

Go shopping at the famous Galeries Lafayette or Printemps department stores

Have dinner at a local bistro

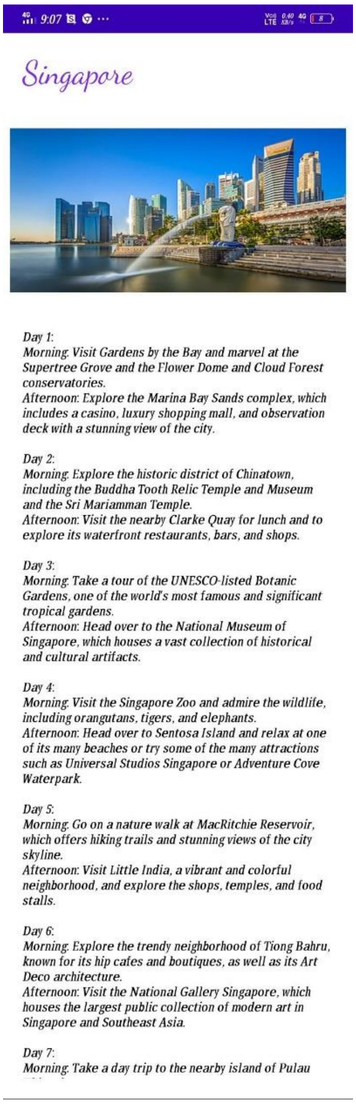
Day 6: Parisian Parks and Museums

Visit the Musée Rodin and explore its beautiful gardens

Stroll through the Luxembourg Gardens and visit the Luxembourg Palace

Visit the Centre Pompidou, a modern art museum in the Marais neighborhood

Have dinner at a local restaurant in the Latin Quarter



Singapore

Day 1:

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

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

Day 2:

Morning: Explore the historic district of Chinatown, including the Buddha Tooth Relic Temple and Museum and the Sri Mariamman Temple.

Afternoon: Visit the nearby Clarke Quay for lunch and to explore its waterfront restaurants, bars, and shops.

Day 3:

Morning: Take a tour of the UNESCO-listed Botanic Gardens, one of the world's most famous and significant tropical gardens.

Afternoon: Head over to the National Museum of Singapore, which houses a vast collection of historical and cultural artifacts.

Day 4:

Morning: Visit the Singapore Zoo and admire the wildlife, including orangutans, tigers, and elephants.

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.

Day 5:

Morning: Go on a nature walk at MacRitchie Reservoir, which offers hiking trails and stunning views of the city skyline.

Afternoon: Visit Little India, a vibrant and colorful neighborhood, and explore the shops, temples, and food stalls.

Day 6:

Morning: Explore the trendy neighborhood of Tiong Bahru, known for its hip cafes and boutiques, as well as its Art Deco architecture.

Afternoon: Visit the National Gallery Singapore, which houses the largest public collection of modern art in Singapore and Southeast Asia.

Day 7:

Morning: Take a day trip to the nearby island of Pulau

4. ADVANTAGES AND DISADVANTAGES

Advantages:

Wanderlust, a personalized travel planning and tracking app, offers a range of advantages to users, including:

Personalized Travel Recommendations: Wanderlust uses AI and machine learning algorithms to provide personalized travel recommendations based on user preferences and travel history, helping users discover new destinations and experiences that match their interests and budget.

Comprehensive Trip Planning Tools: The app provides users with a range of tools to plan and organize their entire trip itinerary, including flights, hotels, and activities, all in one place.

Real-time Travel Alerts: Wanderlust sends real-time travel alerts to users, such as flight delays or gate changes, helping users avoid potential travel disruptions and stay on top of their itinerary.

Expense Tracking: The app's expense tracking feature enables users to monitor their expenses throughout the trip, helping them stay on budget and avoid overspending.

Travel Journal: The app's travel journal feature allows users to document their journey and share their experiences with friends and family, helping them create lasting memories of their trip.

Time-saving: Wanderlust saves time by eliminating the need to visit multiple websites and apps to plan and organize a trip.

Overall, Wanderlust offers users a convenient, personalized, and comprehensive solution for travel planning and tracking, making it easier and more enjoyable to explore new destinations and create unforgettable memories.

Disadvantages:

While Wanderlust, a personalized travel planning and tracking app, offers many advantages, there are also some potential disadvantages to consider:

App Glitches: Like any app, Wanderlust may experience occasional glitches or technical issues that could impact its usability or accuracy.

Limited Availability: The app may not be available in all countries or regions, limiting its usefulness for some users.

Data Usage: The app requires a stable internet connection, and frequent use of the app may consume significant data, which could result in high data charges.

Dependence on Technology: Some users may prefer more traditional methods of travel planning and tracking, such as using a paper map or journal.

Additional Costs: While the app provides a convenient way to plan and book travel, some users may incur additional fees or charges, such as booking fees or transaction fees.

Overall, the potential disadvantages of Wanderlust are relatively minor compared to the many benefits the app offers. However, users should be aware of these issues and weigh them against the app's advantages when deciding whether to use Wanderlust for their travel planning and tracking needs.

5. APPLICATIONS

Wanderlust, a personalized travel planning and tracking app, has many practical applications for users. Some of the key ways in which users can use Wanderlust include:

Trip Planning: Wanderlust can be used to plan and organize entire trips, from booking flights and hotels to reserving activities and creating an itinerary.

Personalized Travel Recommendations: The app's AI and machine learning algorithms provide personalized travel recommendations, helping users discover new destinations and experiences that match their interests and budget.

Real-time Travel Alerts: Wanderlust sends real-time travel alerts to users, such as flight delays or gate changes, helping users stay informed and avoid potential travel disruptions.

Expense Tracking: The app's expense tracking feature enables users to monitor their expenses throughout the trip, helping them stay on budget and avoid overspending.

Travel Journal: The app's travel journal feature allows users to document their journey and share their experiences with friends and family, helping them create lasting memories of their trip.

Solo Travel: Wanderlust can be especially useful for solo travelers, providing a convenient and organized way to plan and track their trips.

Group Travel: The app can also be used for group travel, allowing users to collaborate and coordinate with other travelers to plan and organize their trips.

Overall, Wanderlust has a wide range of practical applications for users, from planning and organizing trips to documenting and sharing travel experiences. Whether you're traveling solo or in a group, Wanderlust can help you make the most of your journey.

6. CONCLUSION

Wanderlust, a personalized travel planning and tracking app, offers a comprehensive and personalized solution for users to plan, organize, and track their travels. With its AI and machine learning algorithms, the app provides personalized travel recommendations, helping users discover new destinations and experiences that match their interests and budget.

The app's range of features, including trip planning tools, real-time travel alerts, expense tracking, and a travel journal, make it a convenient and organized way to plan and track your travels. Whether you're traveling solo or in a group, Wanderlust can help you make the most of your journey.

While there may be some potential disadvantages to using the app, such as occasional glitches or data usage, the app's benefits outweigh its potential drawbacks. Overall, Wanderlust is a practical and useful tool for anyone looking to plan and organize their travels and create unforgettable memories.

7. FUTURE SCOPE

The future scope of Wanderlust, a personalized travel planning and tracking app, is promising as the travel industry continues to grow and evolve. Here are some potential future developments for the app:

Integration with Smart Devices: With the increasing popularity of smart devices like smartwatches and smart speakers, Wanderlust could potentially integrate with these devices, making it even easier for users to access their travel plans and receive real-time travel alerts.

Enhanced AI Capabilities: As AI and machine learning techniques continue to advance, Wanderlust could enhance its algorithms to provide even more personalized travel recommendations based on user preferences and travel history.

Virtual Reality Travel Planning: Virtual reality (VR) technology has the potential to transform the way users plan and experience their travels. Wanderlust could potentially integrate VR technology, allowing users to explore destinations and experiences virtually before they book their trip.

Augmented Reality Travel Tracking: Augmented reality (AR) technology could also enhance the app's travel tracking capabilities, allowing users to view their travel itinerary and real-time travel alerts in an augmented reality environment.

Sustainable Travel Planning: As sustainability becomes an increasingly important factor in travel planning, Wanderlust could incorporate features that help users choose eco-friendly travel options and reduce their carbon footprint.

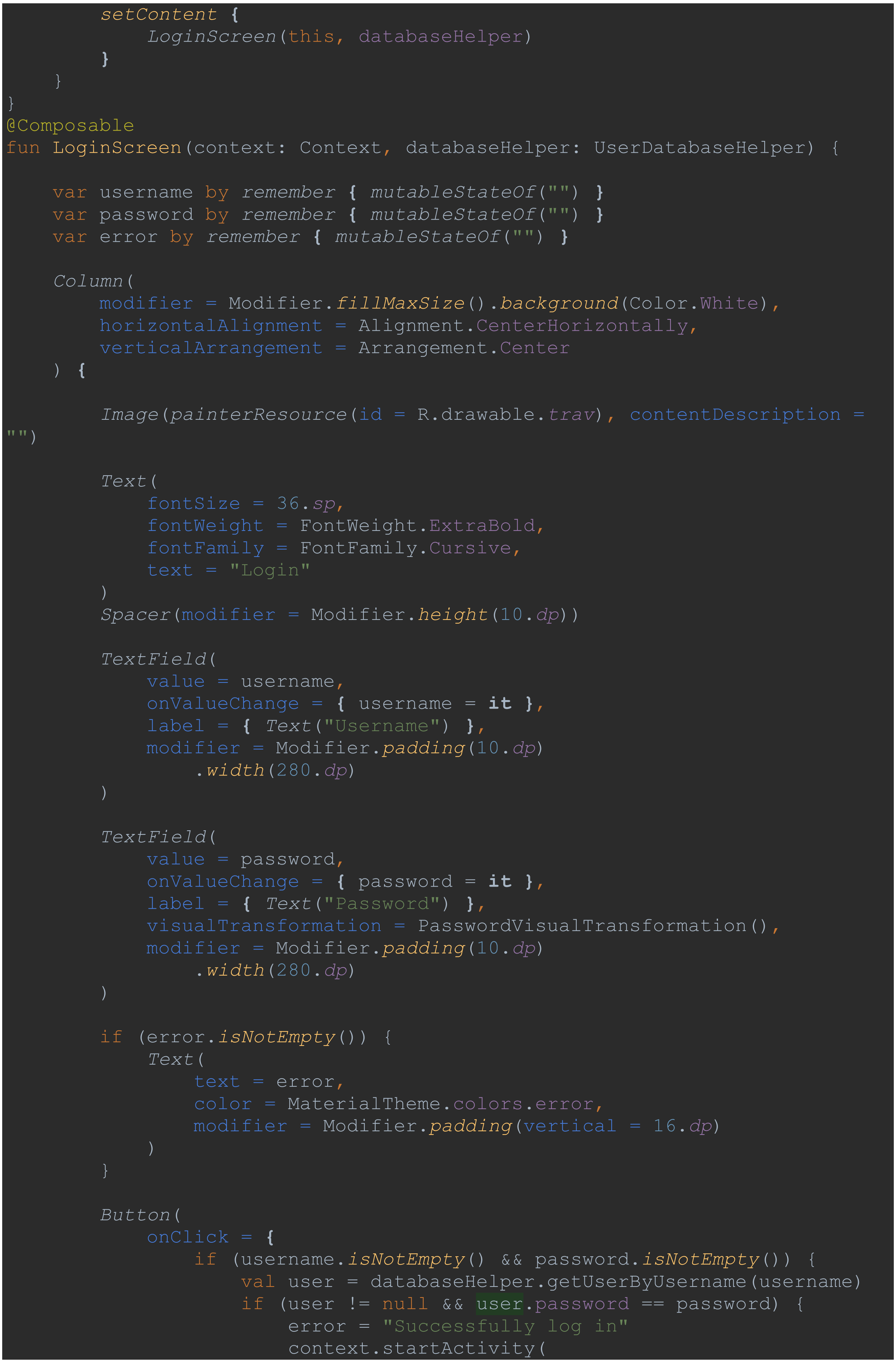
Overall, the future scope of Wanderlust is promising as technology continues to evolve and new trends emerge in the travel industry. By adapting to these changes and incorporating new features and technologies, Wanderlust can continue to provide a comprehensive and personalized solution for travel planning and tracking.

8. APPENDIX

A. Source Code:

LoginActivity.kt

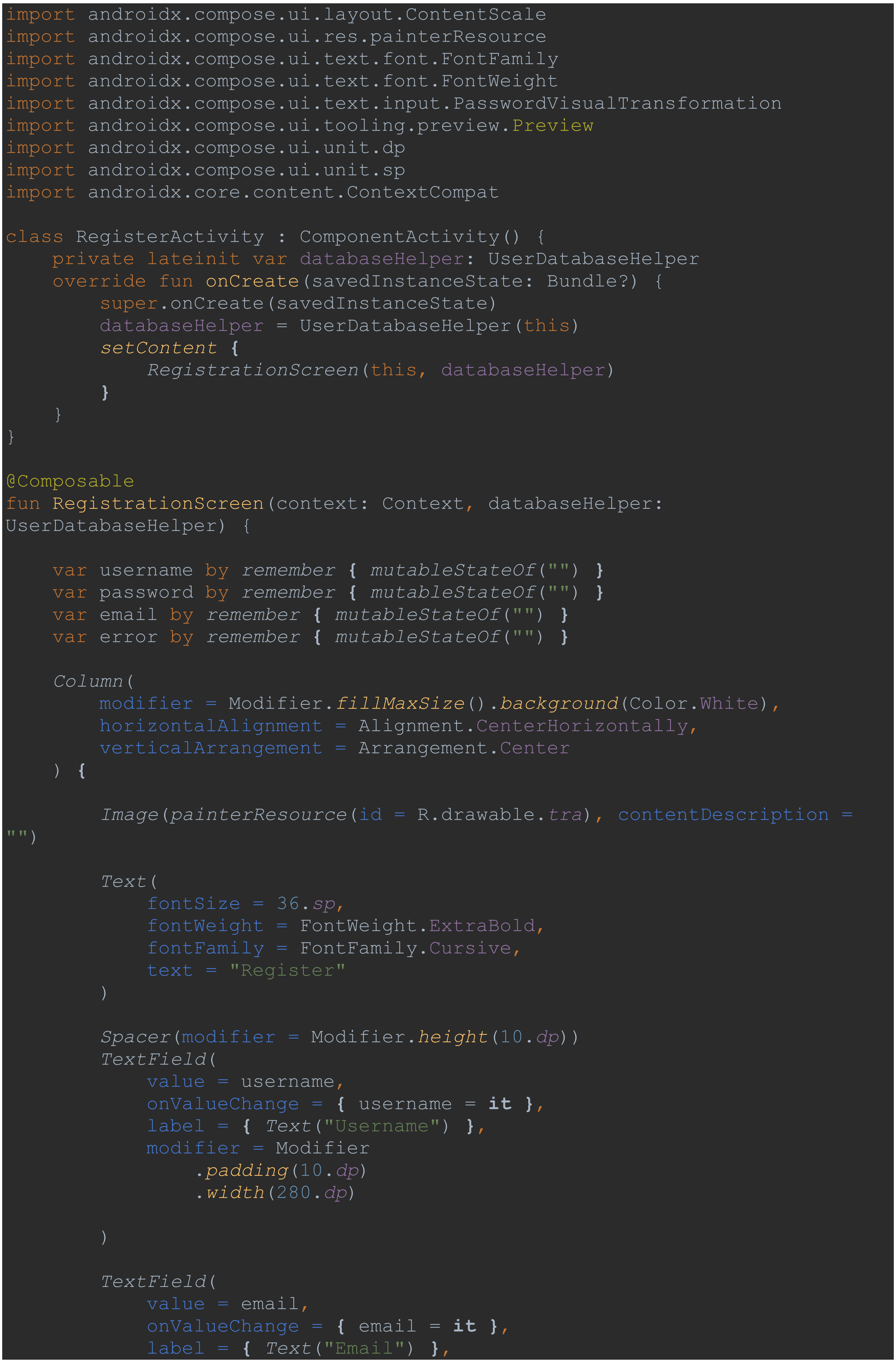
```
package com.example.travelapp

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() {
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    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") },
```
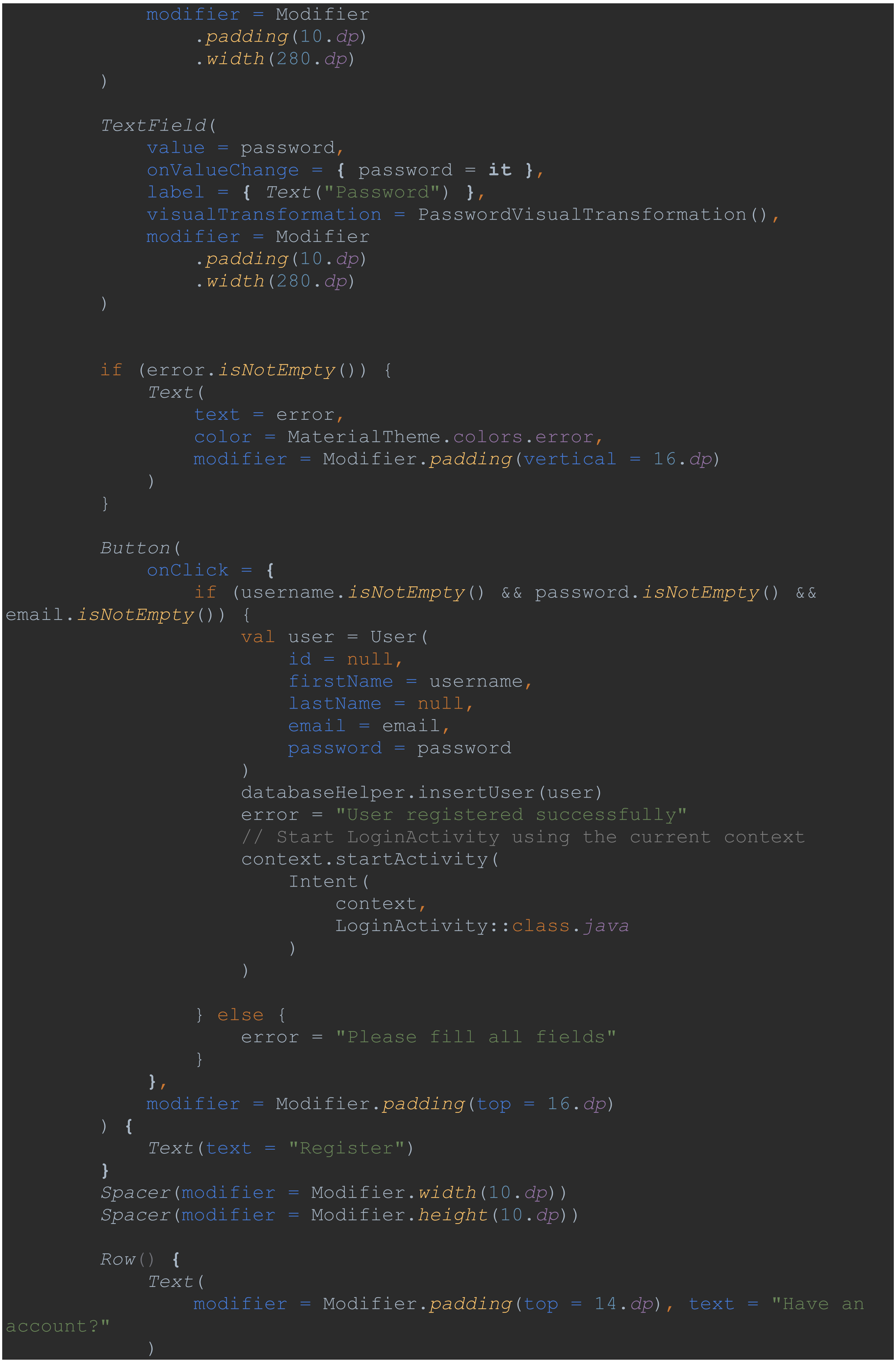
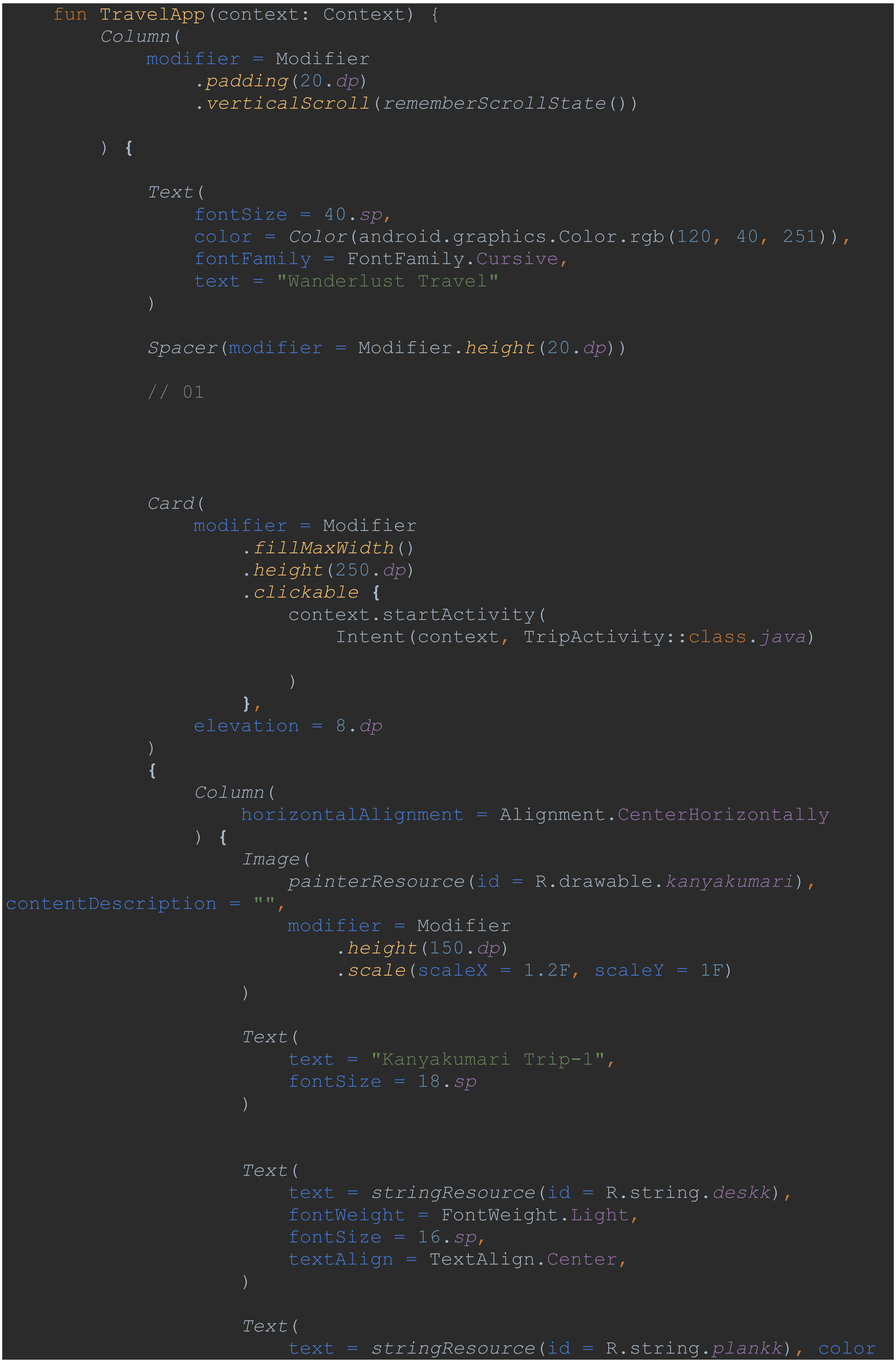



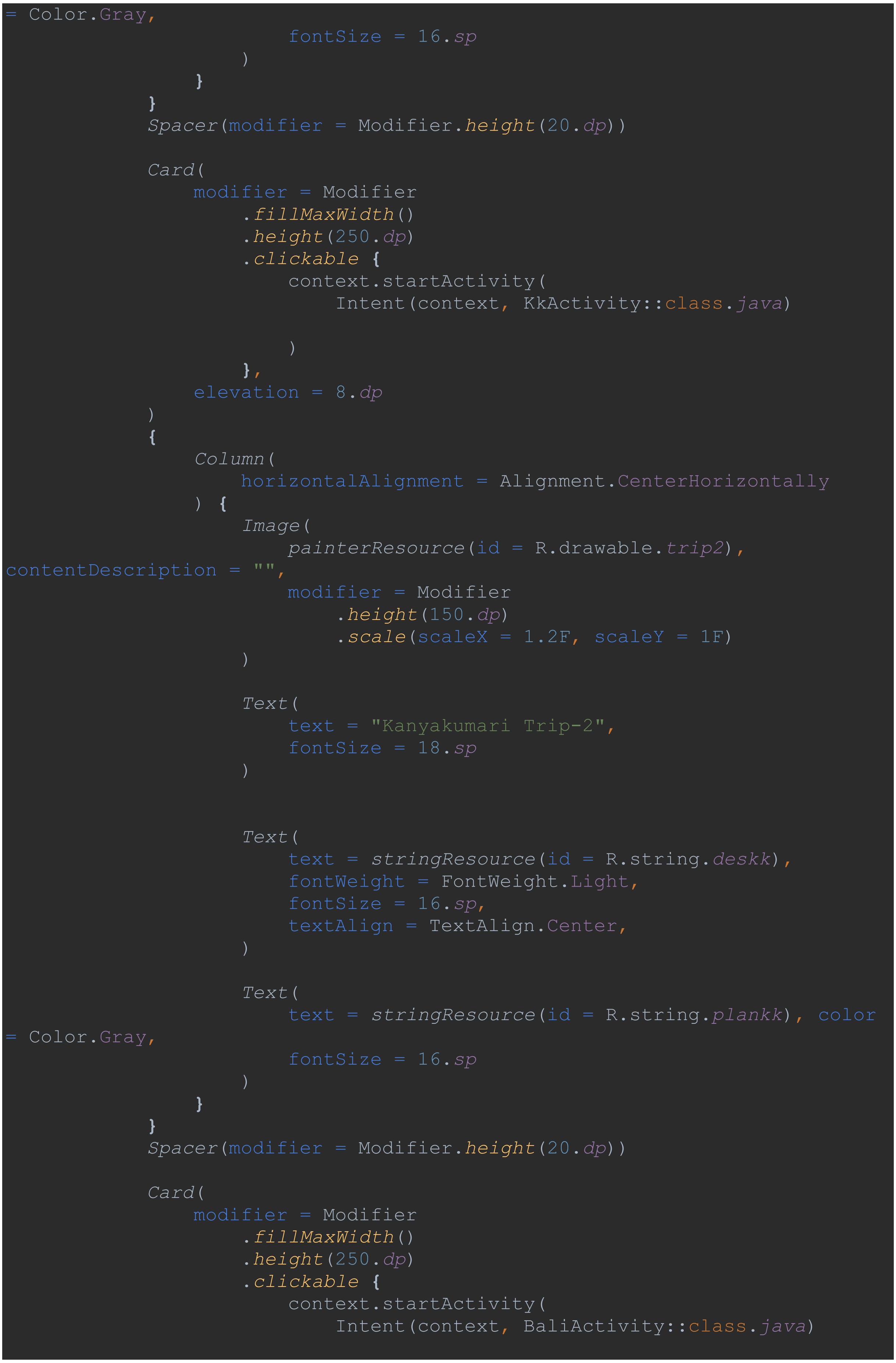
```
            modifier = Modifier
                .padding(10.dp)
                .width(280.dp)
        )

        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:

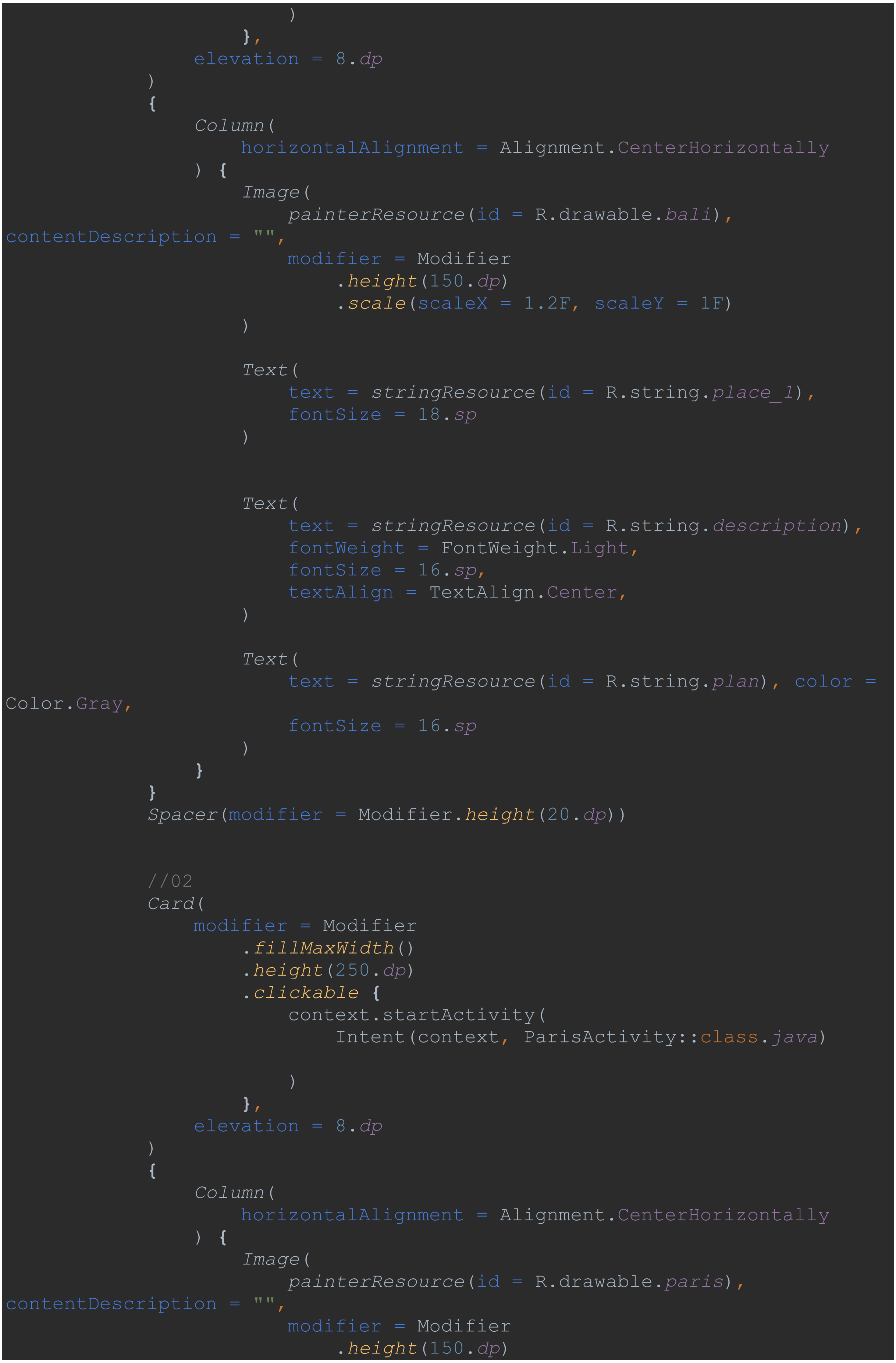
```
package com.example.travelapp

import android.content.Context
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, TripActivity::class.java)

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

                    Text(
                        text = "Kanyakumari Trip-1",
                        fontSize = 18.sp
                    )


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

                    Text(
                        text = stringResource(id = R.string.plankk), color
```



```
= Color.Gray,
                        fontSize = 16.sp
                    )
                }
            }
            Spacer(modifier = Modifier.height(20.dp))

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

                        )
                    },
                elevation = 8.dp
            )
            {
                Column(
                    horizontalAlignment = Alignment.CenterHorizontally
                ) {
                    Image(
                        painterResource(id = R.drawable.trip2),
contentDescription = "",
                        modifier = Modifier
                            .height(150.dp)
                            .scale(scaleX = 1.2F, scaleY = 1F)
                    )

                    Text(
                        text = "Kanyakumari Trip-2",
                        fontSize = 18.sp
                    )


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

                    Text(
                        text = stringResource(id = R.string.plankk), color
= Color.Gray,
                        fontSize = 16.sp
                    )
                }
            }
            Spacer(modifier = Modifier.height(20.dp))

            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))
        }
    }
}
```

TripActivity.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 TripActivity : 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
                ) {
                    Greeting4()
                }
            }
        }
    }
```

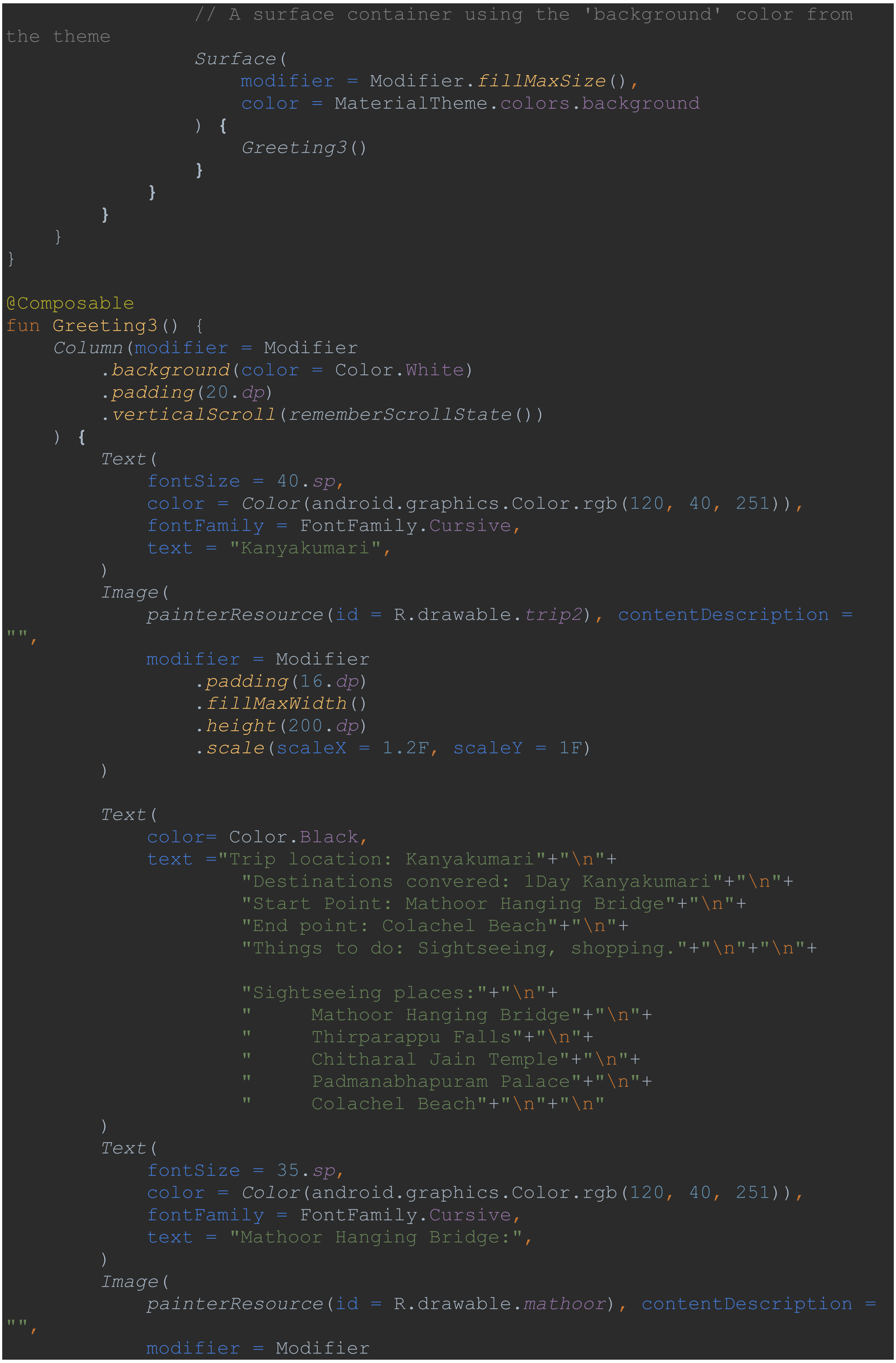
```
}

@Composable
fun Greeting4() {
    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_4),
        )
        Image(
            painterResource(id = R.drawable.kanyakumari),
contentDescription = "",
            modifier = Modifier
                .padding(16.dp)
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Image(
            painterResource(id = R.drawable.kkplaces), contentDescription =
"",
            modifier = Modifier
                .padding(16.dp)
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text = "Trip location: Kanyakumari"+"\n"+
                    "Destinations convered: 1Day Kanyakumari"+"\n"+
                    "Start Point: Kanyakumari beach"+"\n"+
                    "End point: Sunset point"+"\n"+
                    "Things to do: Sightseeing, shopping,
swimming"+"\n"+"\n"+

                    "Sightseeing places:\n" +
                    "     Kanyakumari beach\n" +
                    "     Thiruvalluvar statue\n" +
                    "     Vivekananda Rock\n" +
                    "     Gandhi mandapam\n" +
                    "     Triveni sangam\n" +
                    "     Sunset point\n" +"\n"

        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Kanyakumari beach:",
        )
        Image(
            painterResource(id = R.drawable.beach), contentDescription =
"",
            modifier = Modifier
```

```
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: If you enjoy visiting beaches,
Kanyakumari Beach will captivate you. The beach is a confluence of three
major water bodies – the Bay of Bengal, the Indian Ocean and the Arabian
Sea. The beach is amazing because the water from these three water bodies
does not mix, so you can see three different shades of water here."
                    +"\n"+"\n"+
                    "Ideal duration: 1-2 hours"+"\n"+"\n"+
                    "Distance from city center: 3 km"+"\n"+

                    "\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Thiruvalluvar statue:",
        )
        Image(
            painterResource(id = R.drawable.statue), contentDescription =
"",

            modifier = Modifier
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: The 133-foot-tall statue stands
proudly on a 38-foot-tall pedestal and can be seen from afar. The
pedestal's height represents the 38 chapters of virtue in his literary
masterpiece Tirukkual. The place holds great cultural significance and is a
popular tourist destination in Kanyakumari."
                    +"\n"+"\n"+
                    "Ideal duration: 1-2 hours"+"\n"+"\n"+
                    "Distance from city center: 3 km"+"\n"+
                    "\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Vivekananda Rock:",
        )
        Image(
            painterResource(id = R.drawable.rock), contentDescription = "",
            modifier = Modifier
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: Situated on a small island,
Vivekananda Rock Memorial is a top tourist place in Kanyakumari. Swami
Vivekananda attained enlightenment here after three days of meditation in
```

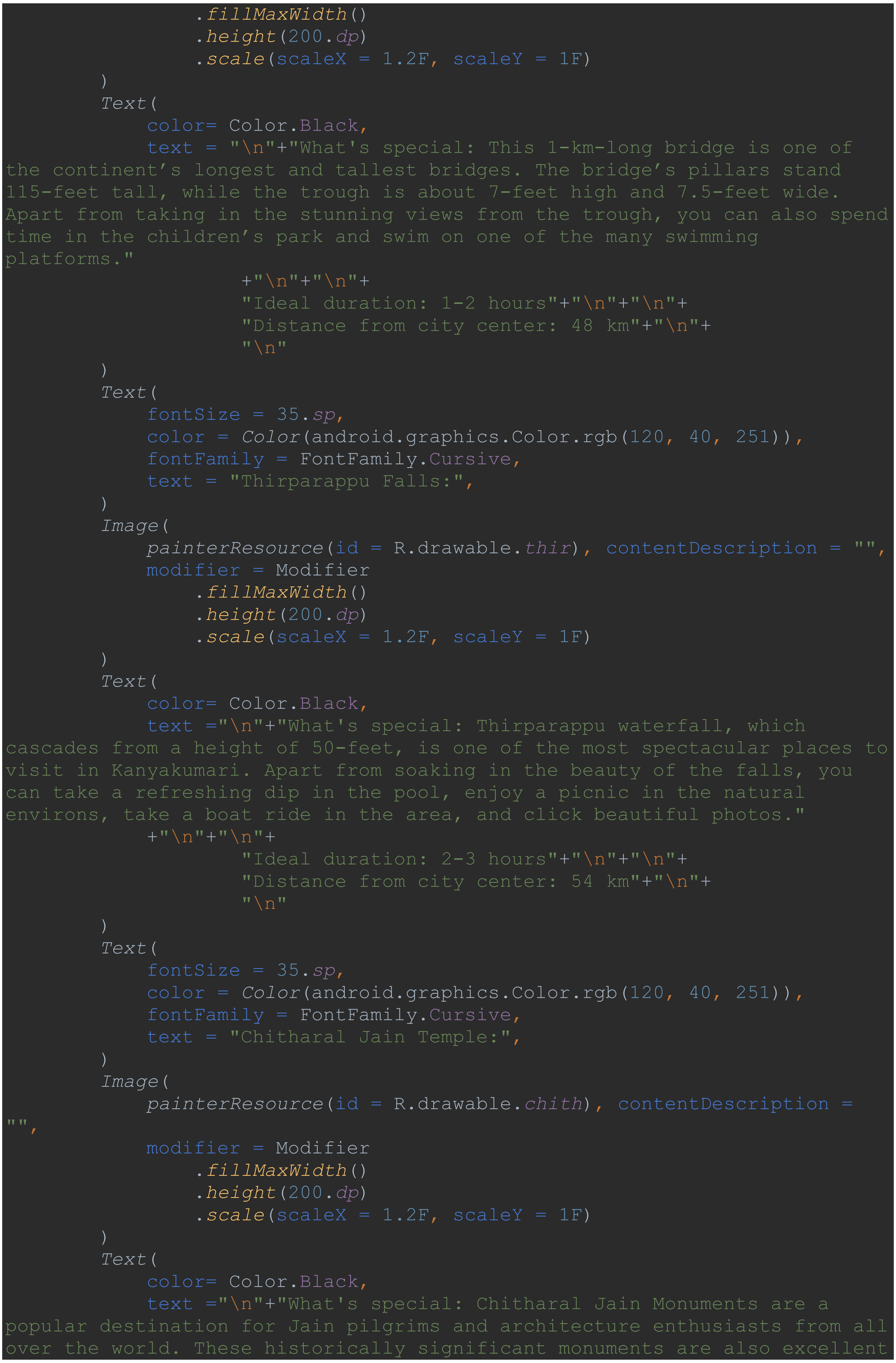
```
1892. It is also believed that Devi Kanya Kumari practised severe
austerities on this rock."
                    +"\n"+"\n"+
                    "Ideal duration: 1- 2 hours"+"\n"+"\n"+
                    "Distance from city center: 3 km"+"\n"+
                    "\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Gandhi mandapam:",
        )
        Image(
            painterResource(id = R.drawable.gandhi), contentDescription =
"",
            modifier = Modifier
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: Dedicated to Mahatma Gandhi, this
large memorial in Kanyakumari is where one of the 12 urns of Gandhiji’s
ashes was kept for the public to pay homage. Later, the ashes were immersed
in the Triveni Sangam. The Mandapam exhibits many photographs of Mahatma
Gandhi with notable people."
                    +"\n"+"\n"+
                    "Ideal duration: 1 hour"+"\n"+"\n"+
                    "Distance from city center: 3 km"+"\n"+
                    "\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Triveni sangam:",
        )
        Image(
            painterResource(id = R.drawable.triveni), contentDescription =
"",
            modifier = Modifier
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: Triveni Sangam, the meeting point
of three major water bodies – the Bay of Bengal, the Arabian Sea and the
Indian Ocean – is a popular religious destination. The place also offers
magnificent views of the ocean and prominent attractions, such as
Vivekananda Rock Memorial and Thiruvalluvar Statue"
                    +"\n"+"\n"+
                    "Ideal duration: 1 hour"+"\n"+"\n"+
                    "Distance from city center: 3 km"+"\n"+
                    "\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Sunset point:",
        )
        Image(
            painterResource(id = R.drawable.sunset), contentDescription =
"",
            modifier = Modifier
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: One of the best things to see in
Kanyakumari is the surreal view of the setting sun amidst the evening sky
and mighty ocean. If you go on or around the full moon, you can even
witness the setting sun’s rays combining with the rising moonlight! "
                    +"\n"+"\n"+
                    "Ideal duration: 1 hour"+"\n"+"\n"+
                    "Distance from city center: 3 km"+"\n"+
                    "\n"
        )


    }
}
```

KkActivity.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 KkActivity : 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
                ) {
                    Greeting3()
                }
            }
        }
    }
}

@Composable
fun Greeting3() {
    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 = "Kanyakumari",
        )
        Image(
            painterResource(id = R.drawable.trip2), contentDescription =
"",
            modifier = Modifier
                .padding(16.dp)
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )

        Text(
            color= Color.Black,
            text ="Trip location: Kanyakumari"+"\n"+
                    "Destinations convered: 1Day Kanyakumari"+"\n"+
                    "Start Point: Mathoor Hanging Bridge"+"\n"+
                    "End point: Colachel Beach"+"\n"+
                    "Things to do: Sightseeing, shopping."+"\n"+"\n"+

                    "Sightseeing places:"+"\n"+
                    "     Mathoor Hanging Bridge"+"\n"+
                    "     Thirparappu Falls"+"\n"+
                    "     Chitharal Jain Temple"+"\n"+
                    "     Padmanabhapuram Palace"+"\n"+
                    "     Colachel Beach"+"\n"+"\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Mathoor Hanging Bridge:",
        )
        Image(
            painterResource(id = R.drawable.mathoor), contentDescription =
"",
            modifier = Modifier
```



```
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text = "\n"+"What's special: This 1-km-long bridge is one of
the continent’s longest and tallest bridges. The bridge’s pillars stand
115-feet tall, while the trough is about 7-feet high and 7.5-feet wide.
Apart from taking in the stunning views from the trough, you can also spend
time in the children’s park and swim on one of the many swimming
platforms."
                    +"\n"+"\n"+
                    "Ideal duration: 1-2 hours"+"\n"+"\n"+
                    "Distance from city center: 48 km"+"\n"+
                    "\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Thirparappu Falls:",
        )
        Image(
            painterResource(id = R.drawable.thir), contentDescription = "",
            modifier = Modifier
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: Thirparappu waterfall, which
cascades from a height of 50-feet, is one of the most spectacular places to
visit in Kanyakumari. Apart from soaking in the beauty of the falls, you
can take a refreshing dip in the pool, enjoy a picnic in the natural
environs, take a boat ride in the area, and click beautiful photos."
            +"\n"+"\n"+
                    "Ideal duration: 2-3 hours"+"\n"+"\n"+
                    "Distance from city center: 54 km"+"\n"+
                    "\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Chitharal Jain Temple:",
        )
        Image(
            painterResource(id = R.drawable.chith), contentDescription =
"",
            modifier = Modifier
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: Chitharal Jain Monuments are a
popular destination for Jain pilgrims and architecture enthusiasts from all
over the world. These historically significant monuments are also excellent
```

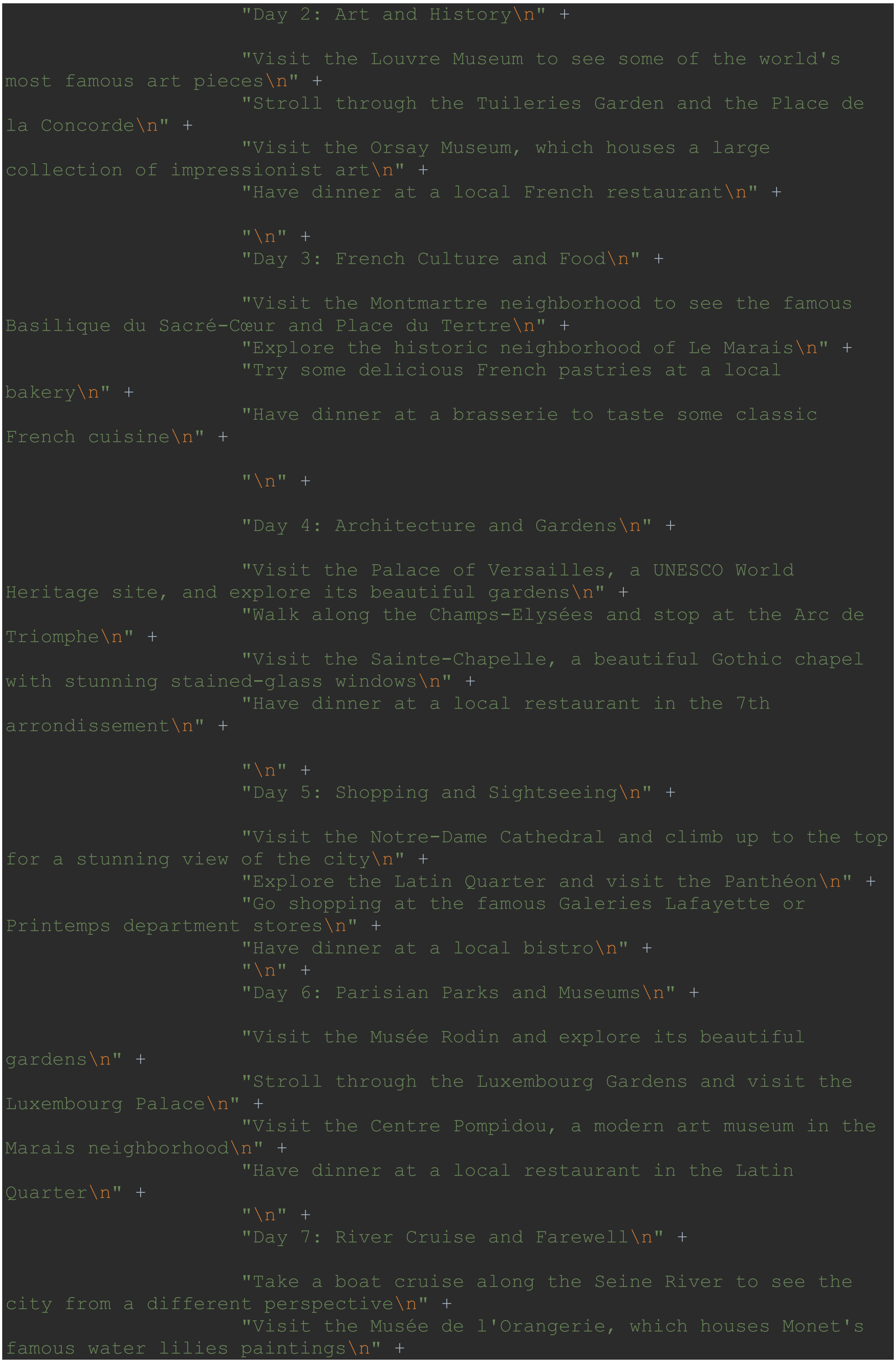
```
examples of how different religions co-exist in the country. The enticing
aura and serenity of the place make it a must-visit."
            +"\n"+"\n"+
                    "Ideal duration: 2-3 hours"+"\n"+"\n"+
                    "Distance from city center: 48 km"+"\n"+
                    "\n"
        )
        Text(
            fontSize = 35.sp,
            color = Color(android.graphics.Color.rgb(120, 40, 251)),
            fontFamily = FontFamily.Cursive,
            text = "Padmanabhapuram Palace:",
        )
        Image(
            painterResource(id = R.drawable.pad), contentDescription = "",
            modifier = Modifier
                .fillMaxWidth()
                .height(200.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
        )
        Text(
            color= Color.Black,
            text ="\n"+"What's special: Padmanabhapuram Palace, popular as
Asia's largest wooden palace. From murals, beautiful furniture and floor
carvings to eye-catching antiques and unique artefacts, everything about
the palace is exceptional. The palace's various sections, Central Mansion,
are worth exploring."
            +"\n"+"\n"+
                    "Ideal duration: 1-2 hours"+"\n"+"\n"+
                    "Distance from city center: 34 km"+"\n"+
                    "\n"
        )


    }
}
```

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
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:

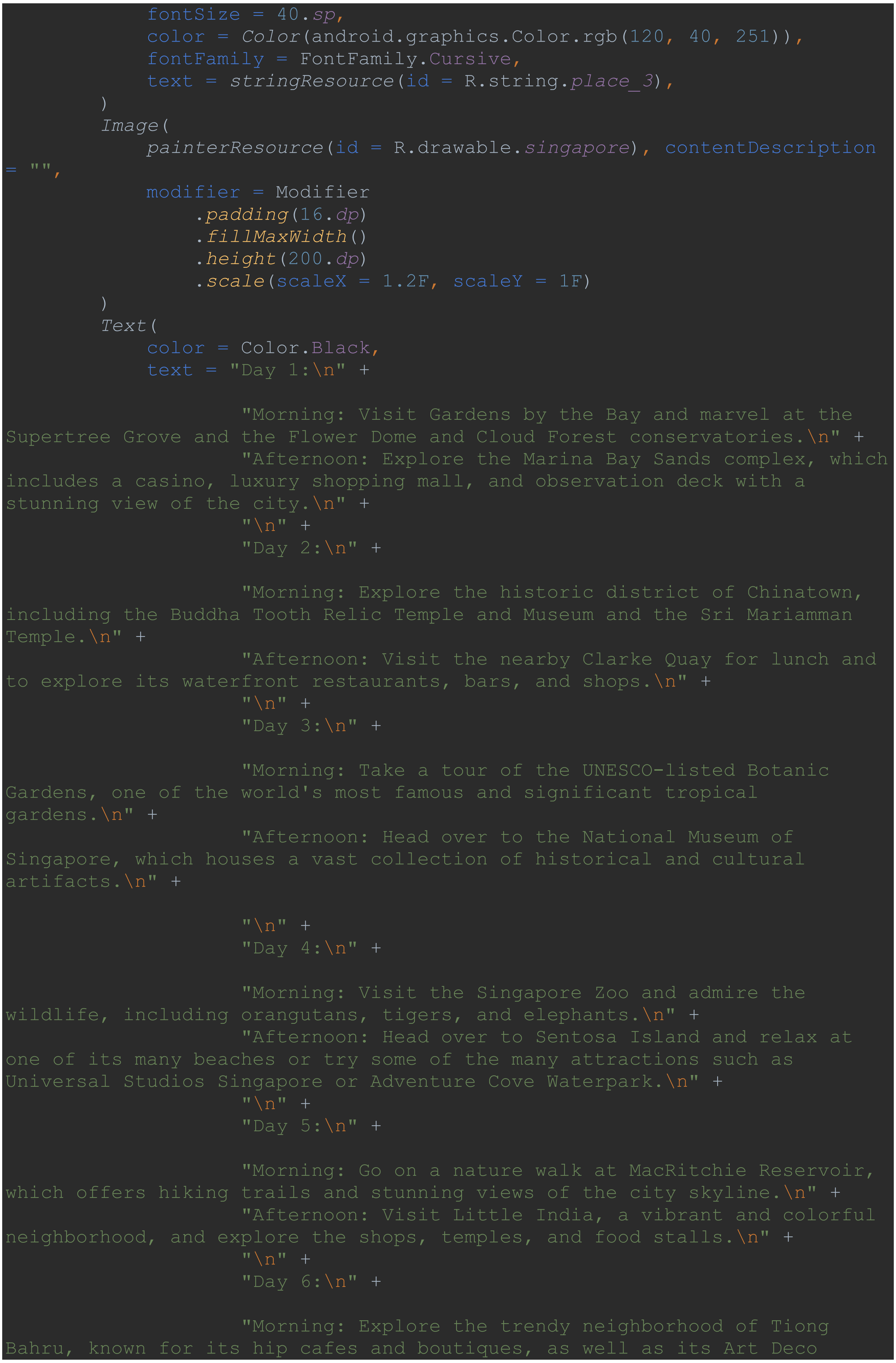
```
package com.example.travelapp

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 "
        )
    }
}
```

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)
}
```

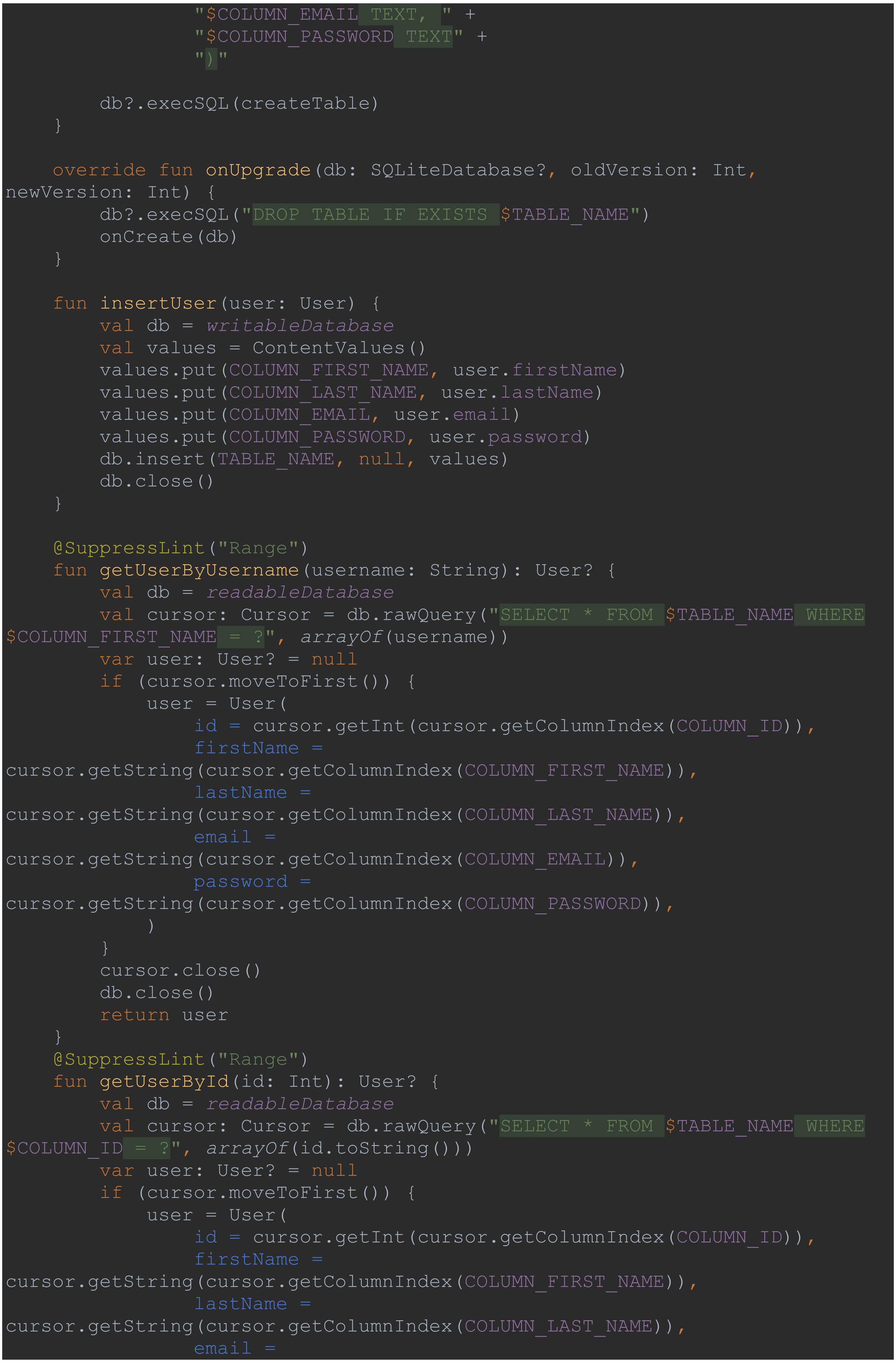
UserDatabase.kt:

```
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:

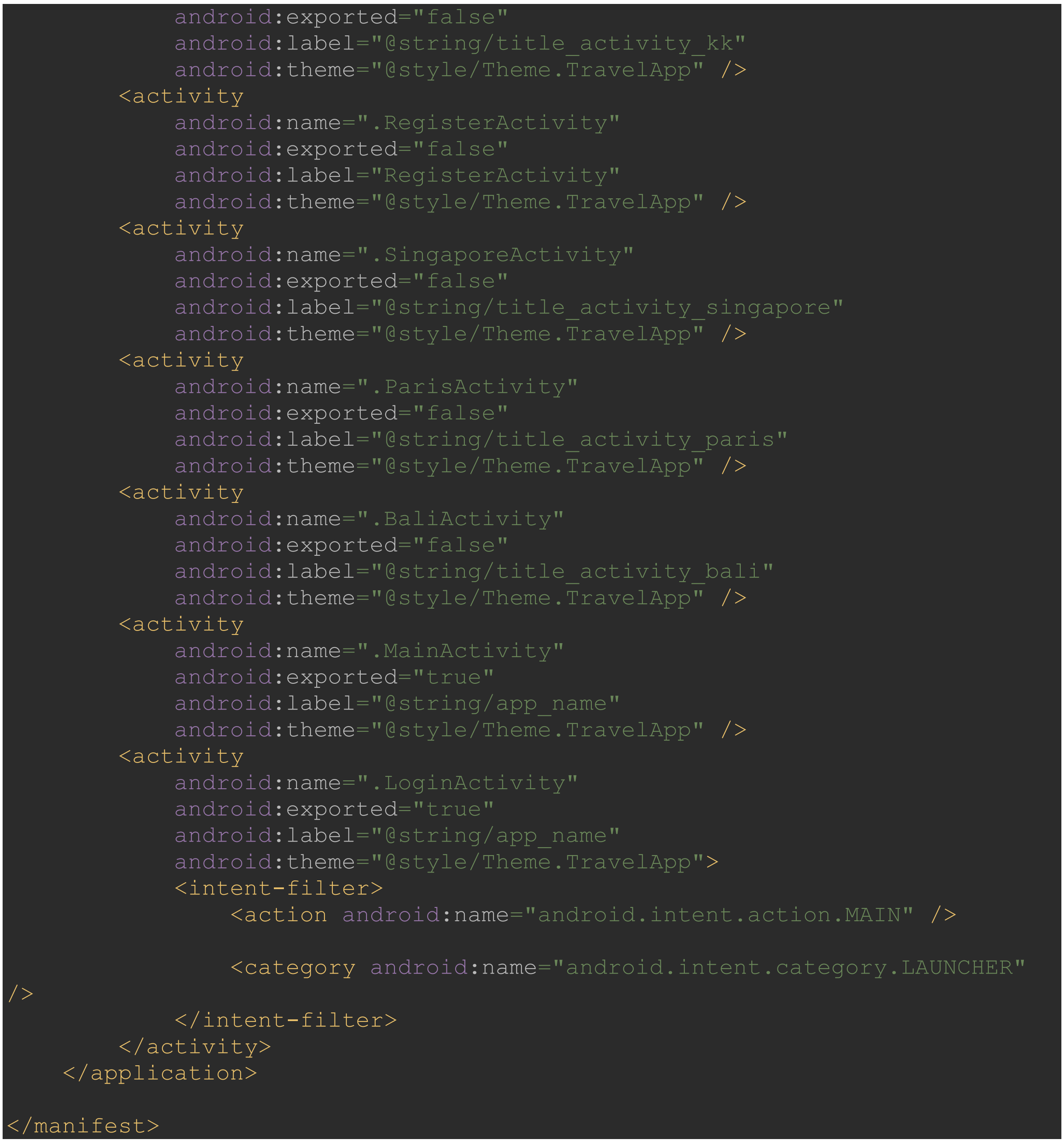
```
package com.example.travelapp

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
    }

}
```

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">

    <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.TravelApp"
        tools:targetApi="31">
        <activity
            android:name=".TripActivity"
            android:exported="false"
            android:label="@string/title_activity_trip"
            android:theme="@style/Theme.TravelApp" />
        <activity
            android:name=".KkActivity"
```



```
            android:exported="false"
            android:label="@string/title_activity_kk"
            android:theme="@style/Theme.TravelApp" />
        <activity
            android:name=".RegisterActivity"
            android:exported="false"
            android:label="RegisterActivity"
            android:theme="@style/Theme.TravelApp" />
        <activity
            android:name=".SingaporeActivity"
            android:exported="false"
            android:label="@string/title_activity_singapore"
            android:theme="@style/Theme.TravelApp" />
        <activity
            android:name=".ParisActivity"
            android:exported="false"
            android:label="@string/title_activity_paris"
            android:theme="@style/Theme.TravelApp" />
        <activity
            android:name=".BaliActivity"
            android:exported="false"
            android:label="@string/title_activity_bali"
            android:theme="@style/Theme.TravelApp" />
        <activity
            android:name=".MainActivity"
            android:exported="true"
            android:label="@string/app_name"
            android:theme="@style/Theme.TravelApp" />
        <activity
            android:name=".LoginActivity"
            android:exported="true"
            android:label="@string/app_name"
            android:theme="@style/Theme.TravelApp">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

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

</manifest>
```