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.
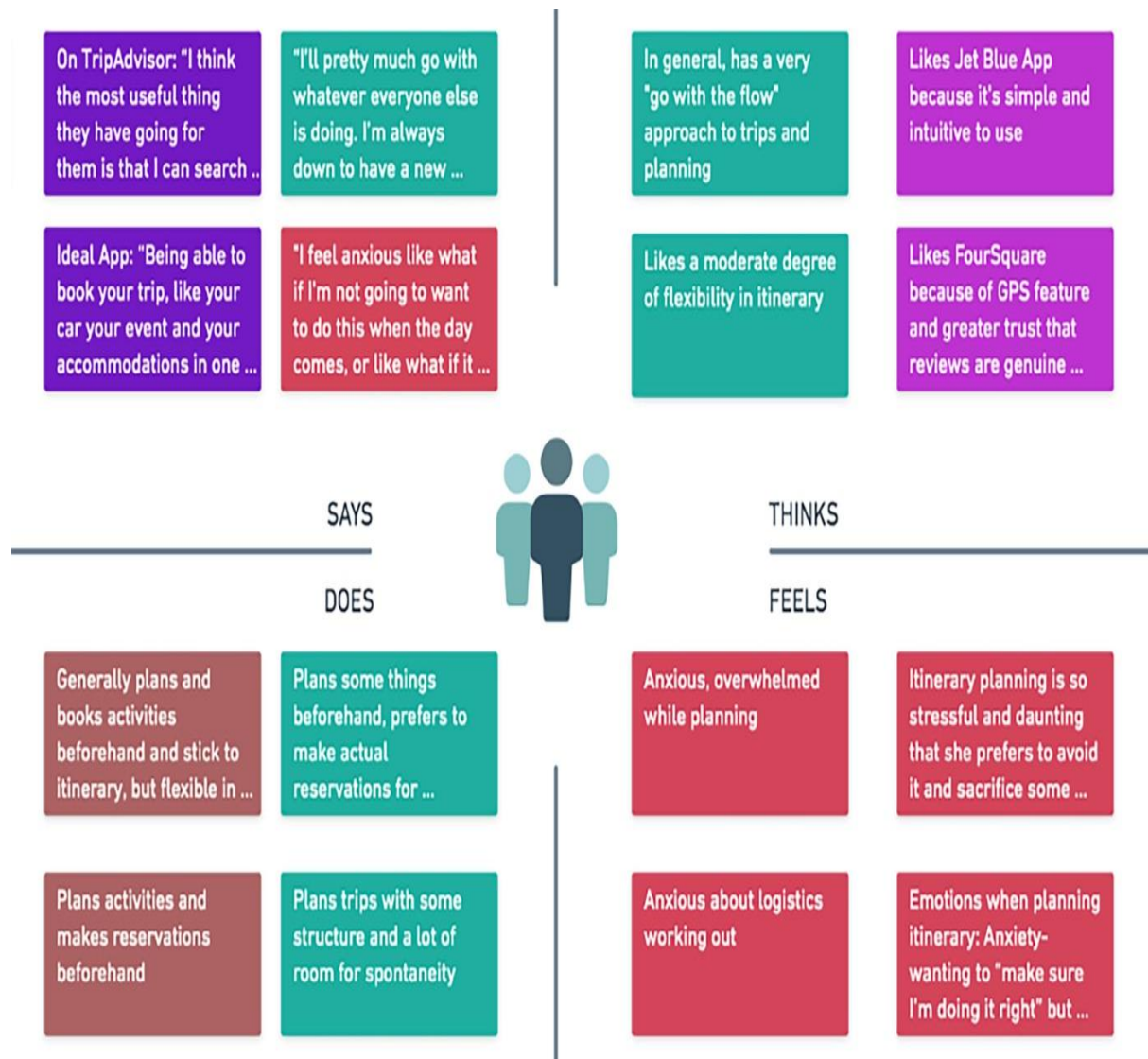
1.2 PURPOSE

Travel plans can help to tackle specific problems such as car parking pressures or road safety issues. Some organisations develop travel plans to address environmental concerns or to improve conditions for their workforce, visitors, customers, patients and/or students.
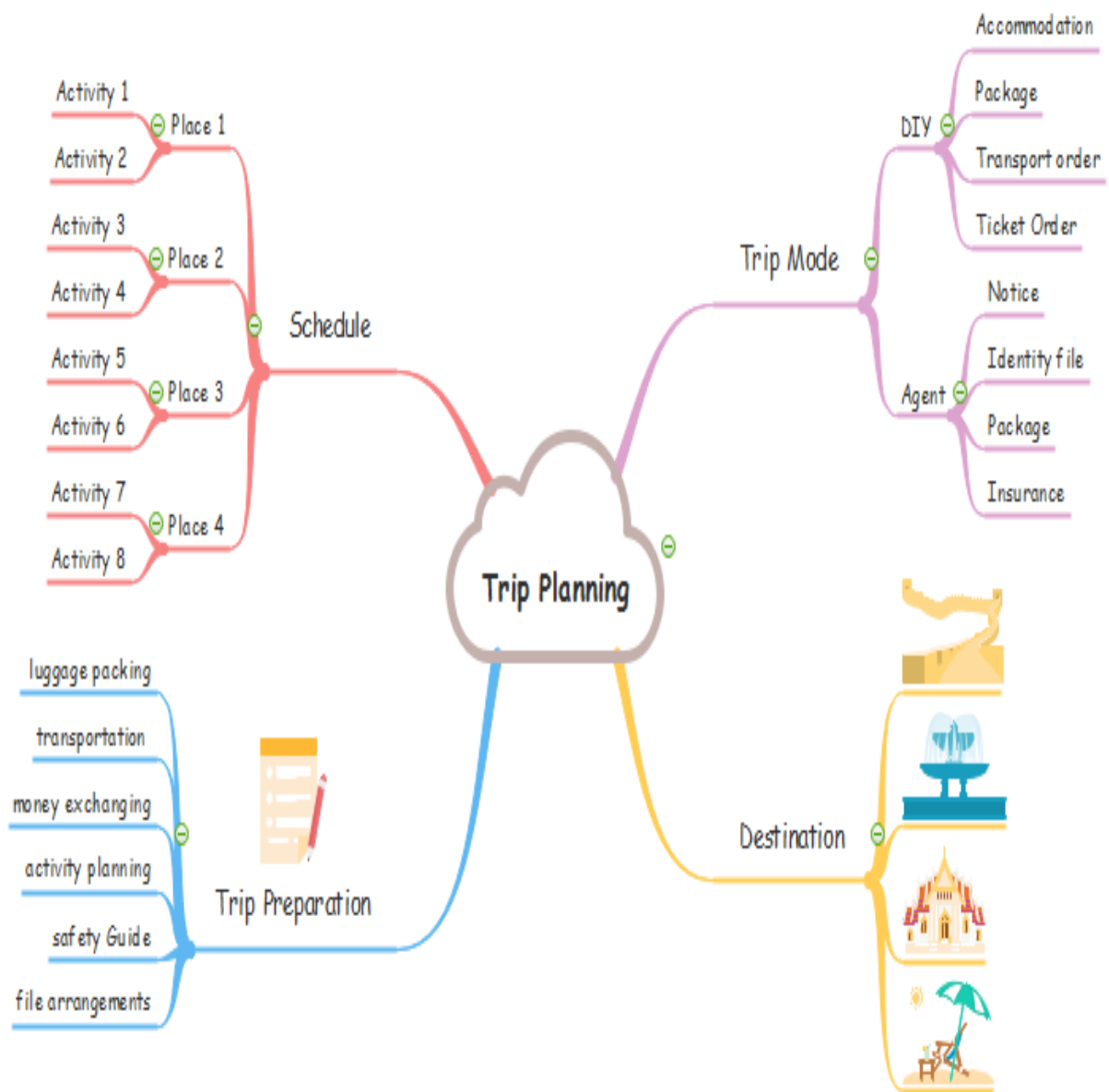
A travel plan is a long-term strategy which aims to encourage people to use alternatives to cars. It should include a range of measures which encourage people to walk, cycle, use public transport and share car journeys. A travel plan will usually include any travel issues which need to be addressed, details of how people travel to the site, an action plan, a specific car reduction target and details of how the travel plan will be monitored and reported on.

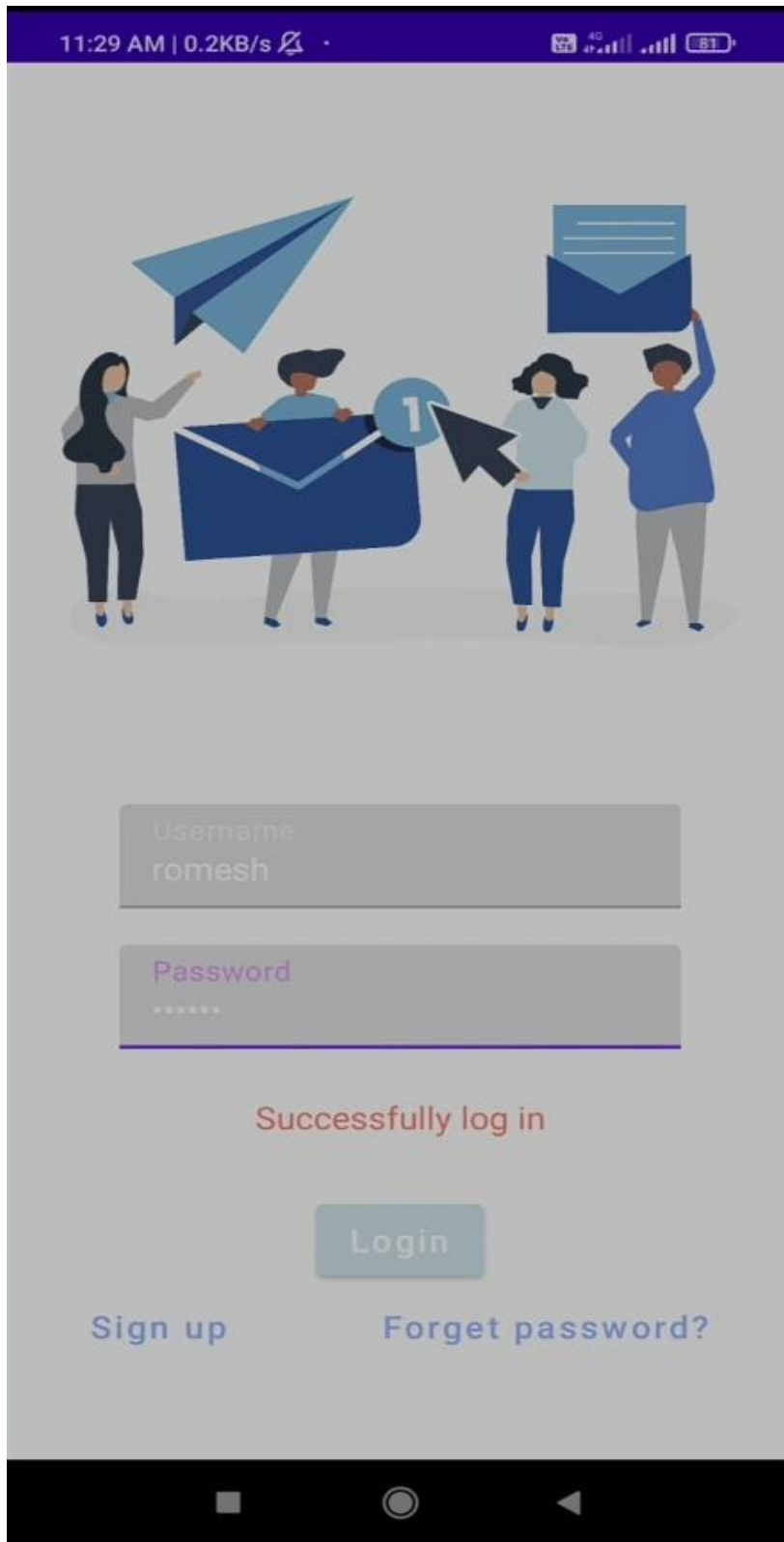# 2. PROBLEM DEFINITION & DESIGN THINKING

2.1. EMPATHY MAP

On TripAdvisor: "I think the most useful thing they have going for them is that I can search ..

"I'll pretty much go with whatever everyone else is doing. I'm always down to have a new ...

In general, has a very "go with the flow" approach to trips and planning

Likes Jet Blue App because it's simple and intuitive to use

Ideal App: "Being able to book your trip, like your car your event and your accommodations in one ...

"I feel anxious like what if I'm not going to want to do this when the day comes, or like what if it ...

Likes a moderate degree of flexibility in itinerary

Likes FourSquare because of GPS feature and greater trust that reviews are genuine ...

SAYS

THINKS

DOES

FEELS

Generally plans and books activities beforehand and stick to itinerary, but flexible in ...

Plans some things beforehand, prefers to make actual reservations for ...

Anxious, overwhelmed while planning

Itinerary planning is so stressful and daunting that she prefers to avoid it and sacrifice some ...

Plans activities and makes reservations beforehand

Plans trips with some structure and a lot of room for spontaneity

Anxious about logistics working out

Emotions when planning itinerary: Anxiety- wanting to "make sure I'm doing it right" but ...

2.2 IDEATION & BRAINSTROMING MAP

3. RESULT

HOME PAGE

REGISTERATION PAGE

LOGIN PAGE

Login

Username
Manikandan

Password
········

Login

Register   Forget password?

DASHBOARD PAGE

Wanderlust Travel

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

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

Singapore

TOURIST PLACE 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.

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.

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

4. ADVANTAGES & DISADVANTAGES

4.1 ADVANTAGES

Economic Growth

There is always money coming in, which is one of tourism's main benefits. It is crucial for everyone involved in the travel and tourism industries as well as the overall economy of the nation. As travellers from all over the world fly to a tourist destinations, commercial and private airlines operating out of these nations typically generate huge amounts of revenue. As guests flood hotel lobbies in search of a place to stay, hotels and other lodging establishments in the hospitality sector generate steady income.

This ensures that hotels are profitable all year long. All throughout the year, the small industries that fall under the tourism category contribute to the nation's economic growth. *Small, developing, and third-world countries are even more in need of this cash flow because, in some cases, the tourism industry is the main driver of their local economies.*

The Development of a Country

The beginning of the wealth influx into the nation aids in the government's ability to raise the money required for the nation's advancement and development. *The tourism industry gives the country economic security and stability, preventing it from collapsing during times of crisis.*

4.2 DISADVANTAGES

Tourists' Negligence of the Environment

When it comes to tourism, thousands or even millions of people may travel somewhere. Particularly in places where tourists are more likely to travel, this high tourist influx has the potential to cause significant environmental damage.

The significant increase in tourists is one factor contributing to this environmental burden, but there are several other factors as well that are interrelated and also hurt the environment. These factors include increasing the presence and use of cars, buses, trains, and other vehicles, all of which may contribute to increased carbon emissions. A large number of flights at the airport may also contribute significantly to air pollution.

Tourists can contribute significantly to land pollution because they generate a large amount of garbage and waste, the majority of which is non-biodegradable, resulting in a large number of landfills. All of these activities may have a significant impact on the region's environment.

5. APPLICATION

In a fast-paced world where the stress of work and school is overwhelming, we all need a break to de-stress our minds. Traveling is one good way to take your mind off of stressful things – a breather. And a scheduled vacation gives you something to look forward to.

Whether it's a local trip alone, a family holiday, or a getaway with your best friends, it just excites you to wish the day would come faster.

Although trip planning is fun, sometimes, it is just too much. There are many apps that would help us with that burden and more from joyofandroid.com.

6. CONCLUSION

Travellers continue to seek authentic experiences. The tools they use to research and book these experiences are constantly changing due to innovations in technology. Destinations are also challenged by limited financial resources and strong competition for tourist dollars from other iconic and even lesser known locations. The personalisation of travel suggests that independent travel will have a stronger presence than group travel, however, we must always consider the type of traveller. The travel services sector is being forced to innovate at a startling rate.

7. FEATURE SCOPE

The taste of the Indian traveller has matured over the years. Not only are Indian travellers seeking experiences that are considered more unusual and offbeat, they are also becoming more self-reliant and drawn to the seamless and discreet travel planning process. Increasingly, travellers are explicitly demanding a deviation from the 'template-driven' attempts to package sell by airlines, hotels and other travel suppliers. They are also demanding more command over planning and consuming travel: Being able to check themselves in, get their baggage tags printed, purchasing extra baggage allowance, as well as other add-on services that they can decide on prior to leaving for their trip.

This evolution to being more demanding and less patient means that travel businesses are often left with the challenge of the hyper mobile traveller who is looking for instant convenience.

8. APPENDIX

A. SOURCE CODE

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
```

```kotlin
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."
        )



    }
}
```