WANDERLUST

A PERSONALIZED TRAVEL PLANNING AND TRACKING APP

TEAM MEMBERS

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DESCRIPTION

· **Personalized Recommendations & Dynamic Content**: Wanderlust's AI-driven engine learns from user preferences, travel history, and budget to curate relevant suggestions for destinations, accommodations, activities, and dining options. Users receive tailored itineraries that can be adjusted on the fly, ensuring flexibility and spontaneity during the trip.

· **Smart Itinerary Management**: The app organizes and visualizes each part of the journey, including flights, accommodations, activities, and meals, so users have a clear day-to-day plan. It also integrates with third-party services for bookings, maps, and local guides, making it a centralized hub for all travel-related data.

· **Real-Time Tracking and Instant Updates**: Wanderlust features GPS tracking and live location sharing for added safety and convenience, helping travelers navigate unfamiliar places with ease. It also provides real-time updates on flight status, local weather, and traffic, helping users adjust plans on the go.

· **Expense Tracking & Budgeting Tools**: Wanderlust includes expense tracking, allowing users to input and categorize travel expenses to stay within budget. With real-time currency conversion and a budget breakdown by category (e.g., food, lodging, transport), users have better control over their finances.

· **Customizable Alerts and Reminders**: Users receive automated alerts and reminders for essential travel tasks like passport renewals, check-in times, hotel reservations, and flight boarding. This feature helps travelers stay organized, especially when juggling multiple reservations and connections.

MAIN ACTIVITY .KT

```
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.runtime.Composable
import androidx.compose.ui.Alignment
import androidx.compose.ui.Modifier
```

```
import androidx.compose.ui.draw.scale
import androidx.compose.ui.graphics.Color
import androidx.compose.ui.res.painterResource
import androidx.compose.ui.res.stringResource
import androidx.compose.ui.text.font.FontFamily
import androidx.compose.ui.text.font.FontWeight
import androidx.compose.ui.text.style.TextAlign
import androidx.compose.ui.unit.dp
import androidx.compose.ui.unit.sp

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

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

     ) {

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

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

```
// 01
Card(
    modifier = Modifier
        .fillMaxWidth()
        .height(250.dp)
        .clickable {
        context.startActivity(
            Intent(context, BaliActivity::class.java)
        )
        },
    elevation = 8.dp
{
    Column(
        horizontalAlignment = Alignment.CenterHorizontally
    ) {
        Image(
            painterResource(id = R.drawable.bali), contentDescription = "",
            modifier = Modifier
```

```
.height(150.dp)
                .scale(scaleX = 1.2F, scaleY = 1F)
            )

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



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

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

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



    //02
    Card(
        modifier = Modifier
            .fillMaxWidth()
```

```
.height(250.dp)
            .clickable {
            context.startActivity(
                Intent(context, ParisActivity::class.java)
            )
            },
        elevation = 8.dp
    )
    {
        Column(
            horizontalAlignment = Alignment.CenterHorizontally
        ) {
            Image(
                painterResource(id = R.drawable.paris), contentDescription = "",
                modifier = Modifier
                    .height(150.dp)
                    .scale(scaleX = 1.2F, scaleY = 1F)
```

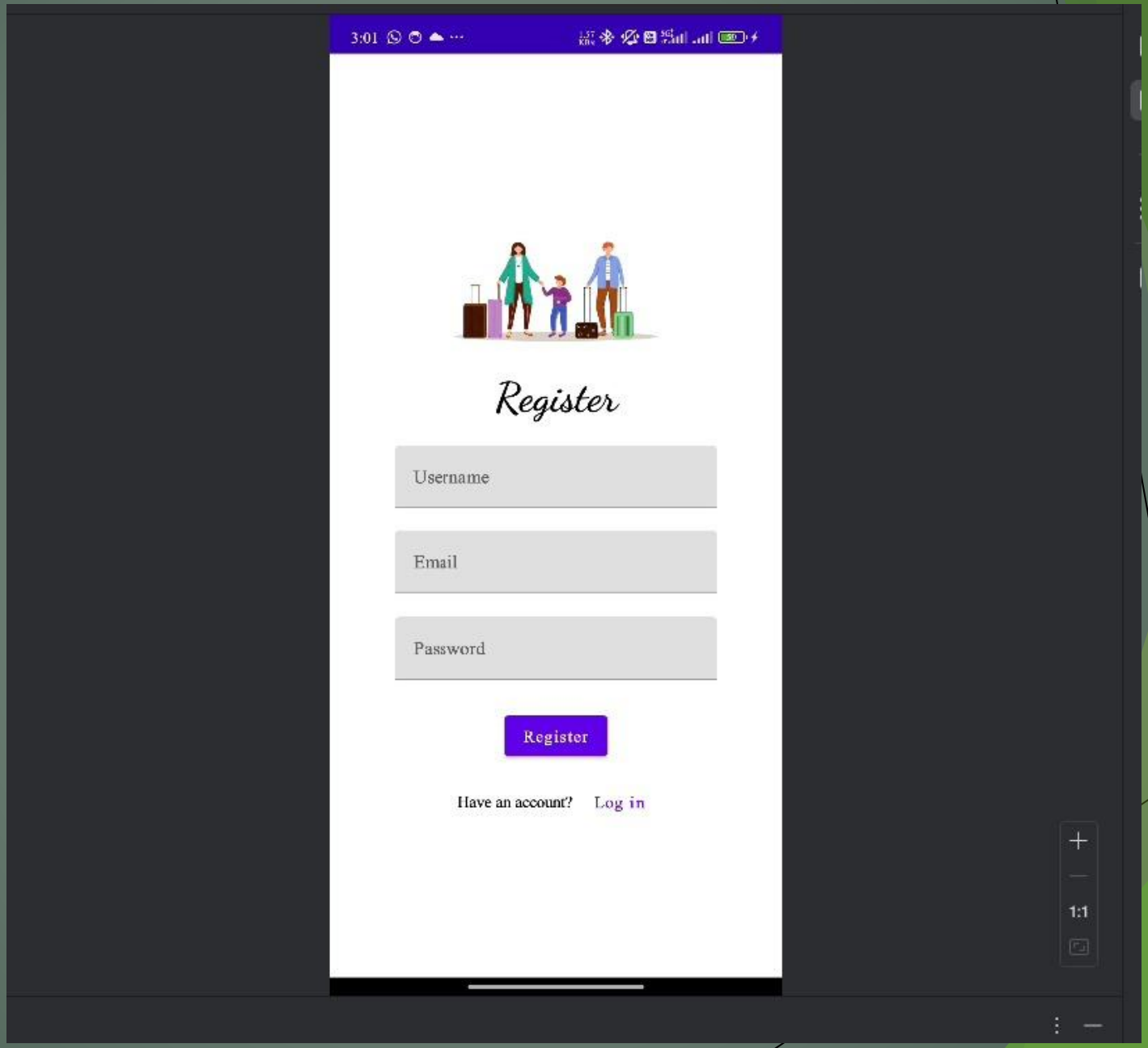
```
Text(
            text = stringResource(id = R.string.place_2),
            fontSize = 18.sp
        )

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

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

```
Spacer(modifier = Modifier.height(20.dp))    //03
        Card(
            modifier = Modifier
                .fillMaxWidth()
                .height(250.dp)
                .clickable {
                context.startActivity(
                    Intent(context, SingaporeActivity::class.java)


                )
                },
            elevation = 8.dp
        )
        {
            Column(
                horizontalAlignment = Alignment.CenterHorizontally
            ) {
```

```
Image(
    painterResource(id = R.drawable.singapore), contentDescription = "",
    modifier = Modifier
        .height(150.dp)
        .scale(scaleX = 1.2F, scaleY = 1F)
)

Text(
    text = stringResource(id = R.string.place_3),
    fontSize = 18.sp
) Text(

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

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

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

OUTPUTS


3:01
Register
Username
Email
Password
Register
Have an account?
Log in
1:1

Login

Username

Password

Login

Register

Forget password?

3:02

Wanderlust Travel

Bali

Super saver pack with less than $10000

7days/2persons

Paris

Super saver pack with less than $10000

7days/2persons

Singapore

3:02

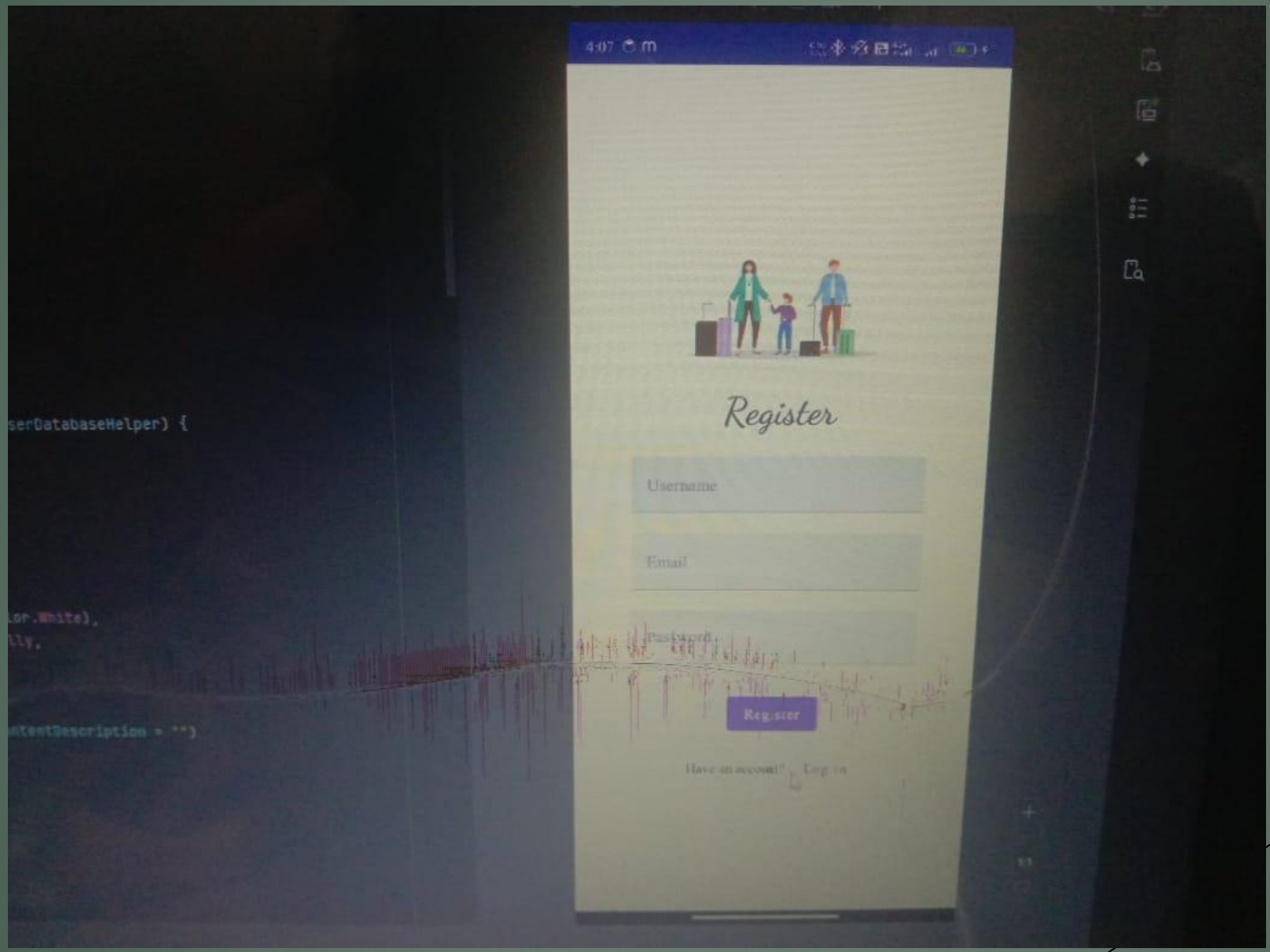
Bali

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


4:07
Register
Username
Email
Register

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EXPLORE AS YOU WISH!!