WANDER LUST : A PERSONALISED TRAVEL PLANNING AND TRACKING APP

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OBJECTIVES

- Promote tourism with well-planned one-week city itineraries.

- Simplify travel planning by offering personalized suggestions.

- Enhance travel experiences with cultural and real-time insights.

DESCRIPTION

An app that suggests cities to visit and provides detailed one-week travel plans, including itineraries, costs, and booking options. It adapts to user preferences, budgets, and real-time changes to ensure an enjoyable travel experience.

FUNCTIONALITIES

- City Suggestions: Recommend cities based on budget and interests.
- Pre-Made Itineraries: Offer one-week travel plans with activities.
- Personalization: Filter plans by budget, group size, and travel style.
- Cultural Insights: Provide tips, customs, and local events.
- User Reviews: Share and rate experiences.
- Offline Access: View itineraries without internet.
- Budget Tracker: Estimate and manage travel costs.

ADDITIONAL REQUIREMENTS

- Technical: Offline access for all features.
- Design: Intuitive, user-friendly interface.
- Monetization: Completely free to use.

Main Activity.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
```

```kotlin
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"
```

```kotlin
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)
```

```kotlin
            .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))
```

```
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)

        )
```

```kotlin
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))
```

```kotlin
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))
 }
 }
}
```

Wanderlust Travel

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

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

Singapore

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