

WANDERLUST

A PERSONALIZED TRAVEL
PLANNING AND TRACKING APP



DESCRIPTION

Wandurlust is a personalized travel planning and tracking Android app aimed at helping users streamline their travel experiences. The app enables users to create customized itineraries, view details about popular destinations, track their journey, and document memories with photos and notes.

Key Features:

Personalized Itineraries: Plan daily activities and destinations for each trip.

Destination Insights: Explore key information on locations like Singapore, Paris, and Bali.

Journey Tracking: Visualize travel routes and track visited locations.

Photo Journal: Attach photos and notes to create a travel log.

Technical Stack:

Frontend: Android SDK, XML layouts, Material Design.

APIs: Google Maps API for route visualization.

Additional Services: Firebase for user authentication and data storage.

Future Enhancements could include collaborative trip planning, budget tracking, and offline access, making Wandurlust a comprehensive travel companion.



PROJECT STRUCTURE

Activities:

MainActivity – Home screen and navigation hub.

LoginActivity – User authentication and onboarding.

RegisterActivity – New user registration.

Destination Activities (e.g., SingaporeActivity, ParisActivity, BaliActivity) – Detailed insights for each destination.

Resources:

Layouts: XML files in res/layout define the UI structure for each screen.

Drawables: Custom icons, images, and logos.

Values: strings.xml, styles.xml, and theme settings for cohesive design.

Future Enhancements

Collaborative Planning: Allow users to plan trips with friends and family.

Budget Tracking: Integrate a feature to help track travel expenses.

Offline Mode: Access itineraries and travel notes without internet connectivity.

This description covers the core aspects of Wandurlust, including features, technical stack, and potential future improvements.

me know if you'd like to modify or expand on any sections!



PROJECT CODE

MainActivity.java

```
package com.example.wandurlust;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import androidx.appcompat.app.AppCompatActivity;

public class MainActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
    }

    public void openSingapore(View view) {
        startActivity(new Intent(this, SingaporeActivity.class));
    }

    public void openParis(View view) {
        startActivity(new Intent(this, ParisActivity.class));
    }

    public void openBali(View view) {
        startActivity(new Intent(this, BaliActivity.class));
    }
}
```

LoginActivity.java

```
package com.example.wandurlust;

import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import androidx.appcompat.app.AppCompatActivity;

public class LoginActivity extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_login);
    }

    public void login(View view) {
        startActivity(new Intent(this, MainActivity.class));
    }

    public void openRegister(View view) {
        startActivity(new Intent(this, RegisterActivity.class));
    }
}
```

activity_main.xml

```
<LinearLayout xmlns:android  
    ="http://schemas.android.com/apk/res/android"  
        android:layout_width="match_parent"  
        android:layout_height="match_parent"  
        android:orientation="vertical">  
  
<Button  
    android:text="Visit Singapore"  
    android:onClick="openSingapore"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" />  
  
<Button  
    android:text="Visit Paris"  
    android:onClick="openParis"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" />  
  
<Button  
    android:text="Visit Bali"  
    android:onClick="openBali"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" />  
  
</LinearLayout>
```

activity_login.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:orientation="vertical">  
  
<EditText  
    android:hint="Username"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" />  
  
<EditText  
    android:hint="Password"  
    android:inputType="textPassword"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" />  
  
<Button  
    android:text="Login"  
    android:onClick="login"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" />  
  
<Button  
    android:text="Register"  
    android:onClick="openRegister"  
    android:layout_width="match_parent"  
    android:layout_height="wrap_content" />  
</LinearLayout>
```

activity_register.xml

```
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
    android:layout_width="match_parent"  
    android:layout_height="match_parent"  
    android:orientation="vertical">  
  
    <EditText  
        android:hint="Username"  
        android:layout_width="match_parent"  
        android:layout_height="wrap_content" />  
  
    <EditText  
        android:hint="Password"  
        android:inputType="textPassword"  
        android:layout_width="match_parent"  
        android:layout_height="wrap_content" />  
  
    <Button  
        android:text="Register"  
        android:layout_width="match_parent"  
        android:layout_height="wrap_content" />  
</LinearLayout>
```

strings.xml

```
<resources>  
    <string name="app_name">Wandurlust</string>  
    <string name="login">Login</string>  
    <string name="register">Register</string>  
    <string name="visit_singapore">Visit Singapore</string>  
    <string name="visit_paris">Visit Paris</string>  
    <string name="visit_bali">Visit Bali</string>  
</resources>
```

AndroidManifest.xml

```
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.example.wandurlust">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"
        android:supportsRtl="true"
        android:theme="@style/Theme.Wandurlust">

        <activity android:name=".RegisterActivity" />
        <activity android:name=".SingaporeActivity" />
        <activity android:name=".ParisActivity" />
        <activity android:name=".BaliActivity" />
        <activity android:name=".MainActivity" />

        <activity android:name=".LoginActivity">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />
                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>
</manifest>
```

OUTPUT

9:48 9:48 9:48

TRAVEL EXPLORER

Register

Username

Email

Password

Register

Have an account? [Log in](#)

Wanderlust Travel



kerala
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

Paris



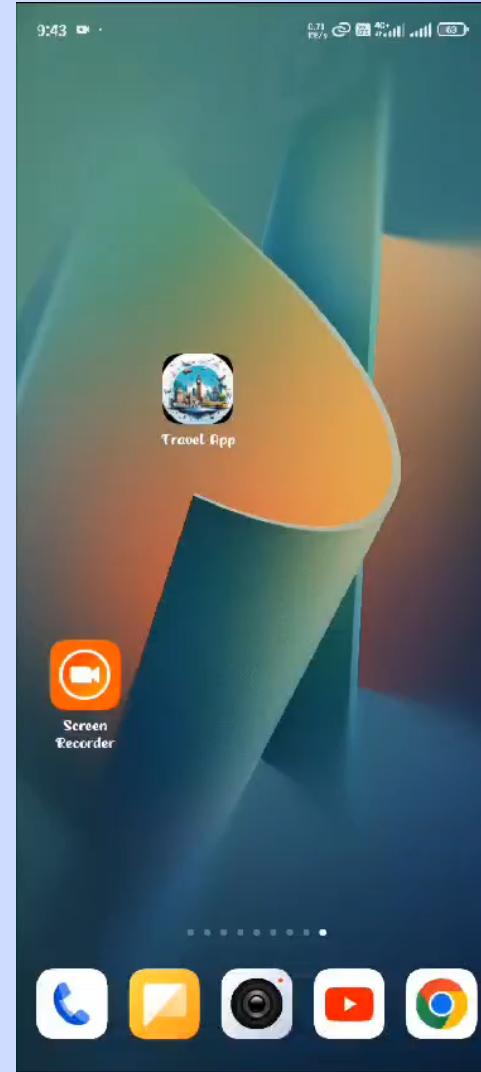
Day 1: Arrival and Introduction
Check into your accommodation and freshen up
Take a stroll around the neighborhood to get acquainted
Visit the Eiffel Tower, preferably in the evening when it is lit up
Have a relaxing dinner at a nearby restaurant

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

OUTPUT





THANK
YOU!