TELAS DO ANDROID
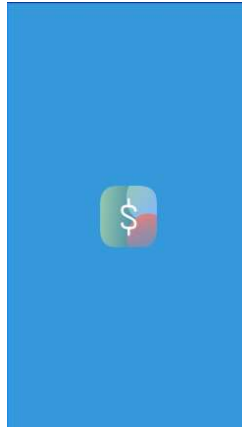
SPLASH DO APP:

Código de XML:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="#3498DB"
    tools:context=".Splash">

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:srcCompat="@drawable/logo" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

CÓDIGO JAVA:

```java
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.graphics.Color;
import android.os.Bundle;
import android.os.Handler;
import android.view.Window;

public class Splash extends AppCompatActivity {

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

```
        Window window = getWindow();
        window.setStatusBarColor(Color.parseColor("#3498DB"));

        Handler handler = new Handler();
        handler.postDelayed(new Runnable() {
            @Override
            public void run() {
                Intent intent = new Intent(Splash.this, Welcome.class
);
                startActivity(intent);
            }
        }, 3000);
    }
}
```

Tela de Bem Vindo é a tela em que possui as opções de cadastro ou login do usuário com nome activity_welcome.xml

CÓDIGO XML:

```
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Welcome">

    <View
        android:id="@+id/topcolor3"
        android:layout_width="406dp"
        android:layout_height="368dp"
        android:layout_marginStart="-250dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
```

```xml
        app:layout_constraintHorizontal_bias="0.74"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.044" />

    <View
        android:id="@+id/topcolor2"
        android:layout_width="409dp"
        android:layout_height="368dp"
        android:layout_marginTop="-250dp"
        android:background="@drawable/background_top2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.41000003" />

    <View
        android:id="@+id/topcolor5"
        android:layout_width="413dp"
        android:layout_height="368dp"
        android:layout_marginTop="-250dp"
        android:layout_marginEnd="-250dp"

        android:background="@drawable/background_top4"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.133"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.34" />

    <View
        android:id="@+id/topcolor"
        android:layout_width="416dp"
        android:layout_height="367dp"
        android:layout_marginTop="-250dp"

        android:background="@drawable/background_top"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.25" />


    <TextView
        android:id="@+id/title"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginBottom="250dp"
        android:text="@string/welcome"
        android:textColor="@color/white"
        android:textSize="24sp"
        app:layout_constraintBottom_toTopOf="@+id/Blogin"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.228"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/dollar"
        app:layout_constraintVertical_bias="0.47000003" />
```

```xml
    <ImageView
        android:id="@+id/dollar"
        android:layout_width="64dp"
        android:layout_height="85dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.161"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.066"
        app:srcCompat="@drawable/iconedin2" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/Blogin"
        android:layout_width="324dp"
        android:layout_height="61dp"
        android:layout_marginBottom="84dp"
        android:background="@drawable/background_button_selector"
        android:enabled="true"
        android:drawableEnd="@drawable/arrow3"
        android:paddingStart="20dp"
        android:text="Login"
        android:textAlignment="textStart"
        android:textColor="@color/white"
        app:layout_constraintBottom_toTopOf="@+id/Bregister"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.367"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/topcolor2"
        app:layout_constraintVertical_bias="1.0" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/Bregister"
        android:layout_width="327dp"
        android:layout_height="59dp"
        android:layout_marginTop="150dp"

android:background="@drawable/background_button_register_selector"
        android:drawableEnd="@drawable/arrow3"
        android:enabled="true"
        android:paddingStart="20dp"
        android:text="Cadastrar"
        android:textAlignment="textStart"
        android:textColor="@color/blue"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.392"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/topcolor3"
        app:layout_constraintVertical_bias="0.55" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

CÓDIGO JAVA:

```java
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;
import androidx.core.content.ContextCompat;
```

```java
import android.content.Intent;
import android.graphics.Color;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.widget.Button;

public class Welcome extends AppCompatActivity {

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

        Window window = getWindow();
        window.setStatusBarColor(Color.parseColor("#3498DB"));

        final Button register = (Button) findViewById(R.id.Bregister);
        final Button login = (Button) findViewById(R.id.Blogin);

        register.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(Welcome.this,
Register.class);
                startActivity(intent);
            }
        });
        login.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(Welcome.this, Login.class);
                startActivity(intent);
            }
        });
    }
}
```

A tela de cadastro

CÓDIGO activity_register.xml

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Register">

    <EditText
        android:id="@+id/email"
        android:layout_width="292dp"
        android:layout_height="44dp"
        android:layout_marginTop="37dp"
        android:layout_marginBottom="147dp"
        android:backgroundTint="@color/blue"
        android:ems="10"
        android:hint="E-mail"
        android:inputType="text"
        app:layout_constraintBottom_toTopOf="@+id/Bregister"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.47"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/name" />

    <EditText
        android:id="@+id/password"
        android:layout_width="288dp"
        android:layout_height="38dp"
        android:layout_marginTop="36dp"
        android:layout_marginBottom="73dp"
        android:backgroundTint="@color/blue"
        android:drawableRight="@drawable/eye"
        android:ems="10"
        android:hint="Senha"
        android:inputType="textPassword"
        android:padding="10dp"
        app:layout_constraintBottom_toTopOf="@+id/Bregister"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.455"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/email"
        app:layout_constraintVertical_bias="0.0" />

    <View
        android:id="@+id/topcolor3"
        android:layout_width="406dp"
        android:layout_height="368dp"
        android:layout_marginStart="-250dp"
        android:layout_marginTop="-250dp"
        android:layout_marginEnd="-250dp"
        android:layout_marginBottom="-250dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.3"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.19999999" />
```

```xml
<View
    android:id="@+id/topcolor2"
    android:layout_width="409dp"
    android:layout_height="368dp"
    android:layout_marginStart="-500dp"
    android:layout_marginTop="-500dp"
    android:layout_marginEnd="-500dp"
    android:layout_marginBottom="-500dp"
    android:background="@drawable/background_top2"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.44"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.29000002" />

<View
    android:id="@+id/topcolor4"
    android:layout_width="411dp"
    android:layout_height="368dp"
    android:layout_marginStart="-500dp"
    android:layout_marginTop="-200dp"
    android:layout_marginEnd="-500dp"
    android:layout_marginBottom="-200dp"
    android:background="@drawable/background_top4"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.397"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.125" />

<TextView
    android:id="@+id/title"
    android:layout_width="251dp"
    android:layout_height="175dp"
    android:layout_marginBottom="26dp"
    android:padding="40dp"
    android:text="@string/expenses"
    android:textColor="@color/white"
    android:textSize="24sp"
    app:layout_constraintBottom_toTopOf="@+id/subtitle"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.1"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="1.0" />

<ImageView
    android:id="@+id/dollar"
    android:layout_width="64dp"
    android:layout_height="85dp"
    app:layout_constraintBottom_toTopOf="@+id/title"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.121"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="1.0"
    app:srcCompat="@drawable/iconedin2" />
```

```xml
    <EditText
        android:id="@+id/name"
        android:layout_width="289dp"

        android:layout_height="37dp"
        android:layout_marginTop="61dp"
        android:layout_marginBottom="223dp"
        android:backgroundTint="@color/blue"
        android:ems="10"
        android:hint="@string/name"
        android:inputType="text"
        app:layout_constraintBottom_toTopOf="@+id/Bregister"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.459"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="@+id/subtitle"
        app:layout_constraintVertical_bias="0.0" />

    <TextView
        android:id="@+id/subtitle"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="382dp"
        android:layout_marginBottom="287dp"
        android:text="@string/register"
        android:textSize="25dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toTopOf="@+id/Bregister"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.186"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="@+id/topcolor3"
        app:layout_constraintVertical_bias="0.0" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/Bregister"
        android:layout_width="327dp"
        android:layout_height="59dp"
        android:layout_marginTop="381dp"
        android:layout_marginBottom="50dp"

android:background="@drawable/background_button_register_selector"
        android:enabled="true"
        android:drawableEnd="@drawable/arrow3"
        android:paddingStart="20dp"
        android:text="Cadastrar"
        android:textAlignment="textStart"
        android:textColor="@color/blue"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/topcolor3"
        app:layout_constraintVertical_bias="0.85" />


</androidx.constraintlayout.widget.ConstraintLayout>
```

CÓDIGO JAVA:

```java
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.graphics.Color;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.widget.Button;
import android.widget.EditText;

import com.example.android.controller.UserController;
import com.example.android.model.User;

public class Register extends AppCompatActivity {
    private UserController userController;

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

        Window window = getWindow();
        window.setStatusBarColor(Color.parseColor("#3498DB"));

        final Button register = (Button) findViewById(R.id.Bregister);

        register.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                User user = new User();
                user.setName(findViewById(R.id.name).toString());
                user.setEmail(findViewById(R.id.email).toString());

user.setPassword(findViewById(R.id.password).toString());
                userController.setUser(user);
                Intent intent = new Intent(Register.this,
Login.class);
                startActivity(intent);
            }
        });
    }
}
```

Tela de Login:
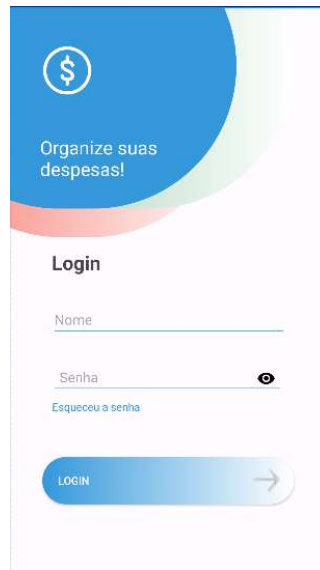
Código XML:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Login">

    <TextView
        android:id="@+id/fpsswd"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="7dp"
        android:layout_marginBottom="55dp"
        android:text="@string/Fpsswd"
        android:textColor="@color/blue"
        app:layout_constraintBottom_toTopOf="@+id/blogin"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.187"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/password"
        app:layout_constraintVertical_bias="0.0" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/blogin"
        android:layout_width="324dp"
        android:layout_height="61dp"
        android:layout_marginTop="81dp"
        android:drawableEnd="@drawable/arrow3"
        android:background="@drawable/background_button_selector"
        android:enabled="true"
        android:paddingStart="20dp"
        android:text="Login"
        android:textAlignment="textStart"
        android:textColor="@color/white"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.494"
        app:layout_constraintStart_toStartOf="parent"
```

```xml
            app:layout_constraintTop_toBottomOf="@+id/password"
            app:layout_constraintVertical_bias="0.0" />

        <EditText
            android:id="@+id/password"
            android:layout_width="298dp"
            android:layout_height="40dp"
            android:layout_marginTop="33dp"
            android:backgroundTint="@color/blue"
            android:drawableRight="@drawable/eye"
            android:ems="10"
            android:hint="Senha"
            android:inputType="textPassword"
            android:padding="10dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.486"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toBottomOf="@+id/name"
            app:layout_constraintVertical_bias="0.0" />

        <View
            android:id="@+id/topcolor3"
            android:layout_width="406dp"
            android:layout_height="368dp"
            android:layout_marginStart="-250dp"
            android:layout_marginTop="-250dp"
            android:background="@drawable/background_top3"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.52"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.29000002" />

        <View
            android:id="@+id/topcolor2"
            android:layout_width="409dp"
            android:layout_height="368dp"
            android:layout_marginStart="-250dp"
            android:layout_marginTop="-250dp"
            android:background="@drawable/background_top2"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.82"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.23000002" />

        <View
            android:id="@+id/topcolor4"
            android:layout_width="413dp"
            android:layout_height="368dp"
            android:layout_marginStart="-250dp"
            android:layout_marginTop="-250dp"

            android:background="@drawable/background_top4"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.52"
            app:layout_constraintStart_toStartOf="parent"
```

```xml
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.23000002" />

    <TextView
        android:id="@+id/title"
        android:layout_width="251dp"
        android:layout_height="175dp"
        android:padding="40dp"
        android:text="@string/expenses"
        android:textColor="@color/white"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.0"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/dollar"
        app:layout_constraintVertical_bias="0.0" />

    <ImageView
        android:id="@+id/dollar"
        android:layout_width="64dp"
        android:layout_height="85dp"
        android:layout_marginBottom="177dp"
        app:layout_constraintBottom_toTopOf="@+id/subtitle"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.123"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.79"
        app:srcCompat="@drawable/iconedin2" />

    <EditText
        android:id="@+id/name"
        android:layout_width="302dp"
        android:layout_height="40dp"
        android:layout_marginTop="20dp"
        android:backgroundTint="@color/blue"
        android:ems="10"
        android:hint="@string/name"
        android:inputType="text"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/subtitle"
        app:layout_constraintVertical_bias="0.060000002" />

    <TextView
        android:id="@+id/subtitle"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="8dp"
        android:text="Login"
        android:textSize="25dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.158"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/topcolor3"
        app:layout_constraintVertical_bias="0.02" />
```

```
</androidx.constraintlayout.widget.ConstraintLayout>
```

CÓDIGO JAVA:

```java
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.graphics.Color;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.widget.Button;

public class Login extends AppCompatActivity {

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

        Window window = getWindow();
        window.setStatusBarColor(Color.parseColor("#3498DB"));

        final Button login = (Button) findViewById(R.id.blogin);

        login.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(Login.this,
FirstSteps.class);
                startActivity(intent);
            }
        });
    }
}
```

Instruções:

Código XML:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".FirstSteps">

    <View
        android:id="@+id/topcolor6"
        android:layout_width="406dp"
        android:layout_height="368dp"
        android:layout_marginStart="-200dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.66"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.81" />

    <View
        android:id="@+id/topcolor7"
        android:layout_width="409dp"
        android:layout_height="368dp"
        android:layout_marginEnd="-200dp"
        android:background="@drawable/background_top2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.24"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.84000003" />

    <View
        android:id="@+id/topcolor8"
        android:layout_width="413dp"
        android:layout_height="368dp"
```

```xml
            android:layout_marginEnd="-200dp"

            android:background="@drawable/background_top4"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.24"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.77" />

    <View
            android:id="@+id/topcolor9"
            android:layout_width="416dp"
            android:layout_height="689dp"
            android:layout_marginTop="-200dp"

            android:background="@drawable/background_top"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="1.0"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.458" />

    <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/bregister"
            android:layout_width="327dp"
            android:layout_height="59dp"
            android:background="@drawable/background_button_new_selector"
            android:enabled="true"
            android:drawableEnd="@drawable/arrow3"
            android:paddingStart="20dp"
            android:text="Cadastrar"
            android:textAlignment="textStart"
            android:textColor="@color/white"
            android:textSize="15dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.805" />

    <TextView
            android:id="@+id/title"
            android:layout_width="251dp"
            android:layout_height="175dp"
            android:padding="40dp"
            android:text="@string/expenses"
            android:textColor="@color/white"
            android:textSize="24sp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.1"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.156" />

    <ImageView
            android:id="@+id/dollar"
            android:layout_width="64dp"
            android:layout_height="85dp"
```

```xml
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.1"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.049"
            app:srcCompat="@drawable/iconedin2" />

    <TextView
            android:id="@+id/subtitle"
            android:layout_width="254dp"
            android:layout_height="50dp"
            android:layout_marginBottom="16dp"
            android:text="Primeiros Passos"
            android:textColor="@color/white"
            android:textSize="25dp"
            android:textStyle="bold"
            app:layout_constraintBottom_toTopOf="@+id/greetings"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.267"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="1.0" />

    <TextView
            android:id="@+id/greetings"
            android:layout_width="299dp"
            android:layout_height="52dp"
            android:layout_marginTop="16dp"
            android:layout_marginBottom="14dp"
            android:text="@string/greetings"
            android:textColor="@color/white"
            android:textSize="18dp"
            app:layout_constraintBottom_toTopOf="@+id/greetings2"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.428"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toBottomOf="@+id/title"
            app:layout_constraintVertical_bias="1.0" />

    <TextView
            android:id="@+id/greetings2"
            android:layout_width="298dp"
            android:layout_height="73dp"
            android:layout_marginBottom="43dp"
            android:text="@string/expenses2"
            android:textColor="@color/white"
            android:textSize="18dp"
            android:textStyle="bold"
            app:layout_constraintBottom_toTopOf="@+id/greetings3"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.424"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toBottomOf="@+id/greetings" />

    <TextView
            android:id="@+id/greetings3"
            android:layout_width="298dp"
            android:layout_height="73dp"
            android:layout_marginTop="92dp"
            android:layout_marginBottom="32dp"
```

```xml
        android:text="@string/cost"
        android:textColor="@color/white"
        android:textSize="18dp"
        android:textStyle=""
        app:layout_constraintBottom_toTopOf="@+id/bregister"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.433"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="@+id/greetings2" />


</androidx.constraintlayout.widget.ConstraintLayout>
```

Código JAVA:

```java
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.graphics.Color;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.widget.Button;

public class FirstSteps extends AppCompatActivity {

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

        Window window = getWindow();
        window.setStatusBarColor(Color.parseColor("#3498DB"));

        final Button register = (Button) findViewById(R.id.bregister);

        register.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(FirstSteps.this,
CostOfLiving.class);
                startActivity(intent);
            }
        });

    }
}
```

Tela Custo de Vida:
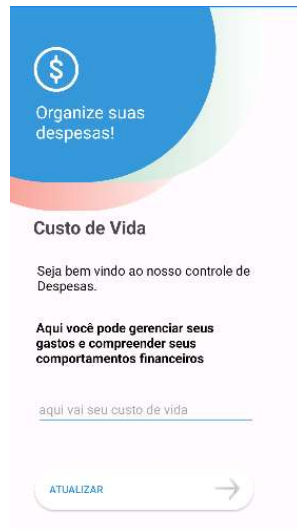
Código de XML:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".CostOfLiving">

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/bupdate"
        android:layout_width="302dp"
        android:layout_height="57dp"
        android:layout_marginTop="59dp"

android:background="@drawable/background_button_register_selector"
        android:enabled="true"
        android:drawableEnd="@drawable/arrow3"
        android:paddingStart="20dp"
        android:text="Atualizar"
        android:textAlignment="textStart"
        android:textColor="@color/blue"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.351"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/name2"
        app:layout_constraintVertical_bias="0.0" />

    <EditText
        android:id="@+id/name2"
        android:layout_width="302dp"

        android:layout_height="40dp"
        android:layout_marginTop="34dp"
        android:backgroundTint="@color/blue"
        android:ems="10"
        android:hint="aqui vai seu custo de vida"
        android:inputType="text"
```

```xml
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.373"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/greetings4"
        app:layout_constraintVertical_bias="0.005" />

    <TextView
        android:id="@+id/greetings4"
        android:layout_width="298dp"
        android:layout_height="73dp"
        android:layout_marginTop="25dp"
        android:layout_marginBottom="200dp"
        android:text="@string/expenses2"
        android:textColor="@color/black"
        android:textSize="18dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.357"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/greetings3"
        app:layout_constraintVertical_bias="0.046" />

    <View
        android:id="@+id/topcolor3"
        android:layout_width="406dp"
        android:layout_height="368dp"
        android:layout_marginStart="-200dp"
        android:layout_marginTop="-200dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.42"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.19999999" />

    <View
        android:id="@+id/topcolor2"
        android:layout_width="409dp"
        android:layout_height="368dp"
        android:layout_marginStart="-200dp"
        android:layout_marginTop="-200dp"
        android:background="@drawable/background_top2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.74"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.13" />

    <View
        android:id="@+id/topcolor4"
        android:layout_width="413dp"
        android:layout_height="368dp"
        android:layout_marginStart="-200dp"

        android:layout_marginTop="-200dp"
        android:background="@drawable/background_top4"
        app:layout_constraintBottom_toBottomOf="parent"
```

```xml
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.38"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.13" />

        <TextView
            android:id="@+id/title"
            android:layout_width="251dp"
            android:layout_height="175dp"
            android:padding="40dp"
            android:text="@string/expenses"
            android:textColor="@color/white"
            android:textSize="24sp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.0"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.159" />

        <ImageView
            android:id="@+id/dollar"
            android:layout_width="64dp"
            android:layout_height="85dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.103"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.068"
            app:srcCompat="@drawable/iconedin2" />

        <TextView
            android:id="@+id/subtitle"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginTop="13dp"
            android:text="Custo de Vida"
            android:textSize="25dp"
            android:textStyle="bold"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.143"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.4" />

        <TextView
            android:id="@+id/greetings3"
            android:layout_width="299dp"
            android:layout_height="52dp"
            android:layout_marginTop="31dp"
            android:text="@string/greetings"
            android:textColor="@color/black"
            android:textSize="18dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.372"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toBottomOf="@+id/subtitle"
```

```
            app:layout_constraintVertical_bias="0.0" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

Código JAVA:

```java
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;

import android.content.Intent;
import android.graphics.Color;
import android.os.Bundle;
import android.view.View;
import android.view.Window;
import android.widget.Button;

public class CostOfLiving extends AppCompatActivity {

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

        Window window = getWindow();
        window.setStatusBarColor(Color.parseColor("#3498DB"));

        final Button update = (Button) findViewById(R.id.bupdate);

        update.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Intent intent = new Intent(CostOfLiving.this,
ExpenseCategory.class);
                startActivity(intent);
            }
        });

    }
}
```
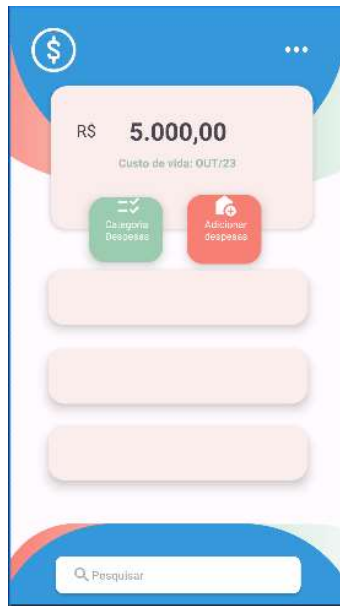
Tela de gerenciamento de despesas:

Códigos do XML:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".ExpenseCategory">


    <View
        android:id="@+id/topcolor3"
        android:layout_width="406dp"

        android:layout_height="368dp"
        android:layout_marginStart="-200dp"
        android:layout_marginTop="-200dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.58"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.081" />

    <View
        android:id="@+id/downcolor3"
        android:layout_width="409dp"
        android:layout_height="189dp"
        android:layout_marginStart="-200dp"
        android:layout_marginBottom="-200dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.921"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.853" />
```

```xml
<View
    android:id="@+id/topcolor2"
    android:layout_width="409dp"
    android:layout_height="368dp"
    android:layout_marginTop="-200dp"
    android:layout_marginEnd="-200dp"
    android:background="@drawable/background_top2"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.504"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.09" />

<View
    android:id="@+id/downcolor2"
    android:layout_width="429dp"
    android:layout_height="189dp"
    android:layout_marginEnd="-200dp"
    android:layout_marginBottom="-200dp"
    android:background="@drawable/background_top2"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.213"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.854" />

<View
    android:id="@+id/topcolor4"
    android:layout_width="413dp"
    android:layout_height="368dp"

    android:layout_marginStart="-50dp"
    android:layout_marginTop="-200dp"
    android:layout_marginEnd="-50dp"
    android:background="@drawable/background_top4"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.056" />

<ImageView
    android:id="@+id/imageView2"
    android:layout_width="42dp"
    android:layout_height="42dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.891"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.047"
    app:srcCompat="@drawable/icon_more" />

<View
    android:id="@+id/downcolor4"
    android:layout_width="453dp"
    android:layout_height="298dp"
    android:layout_marginBottom="-200dp"
    android:background="@drawable/background_top4"
```

```xml
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="1.0" />

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/bsearch"
        android:layout_width="299dp"
        android:layout_height="46dp"
        android:layout_marginTop="50dp"
        android:background="@drawable/background_buttons"
        android:drawableStart="@drawable/icon_search"
        android:hint="Pesquisar"
        android:paddingStart="20dp"
        android:textAlignment="textStart"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/box4"
        app:layout_constraintVertical_bias="0.78" />

    <ImageView
        android:id="@+id/dollar"
        android:layout_width="56dp"
        android:layout_height="61dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.073"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.035"
        app:srcCompat="@drawable/iconedin2" />

    <View
        android:id="@+id/box1"
        android:layout_width="320dp"
        android:layout_height="175dp"
        android:background="@drawable/valuec_shape"
        android:elevation="5dp"
        app:layout_constraintBottom_toTopOf="@+id/box2"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.548"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.65999997" />

    <TextView
        android:id="@+id/value"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:elevation="5dp"
        android:text="5.000,00"
        android:textSize="30dp"
        android:textStyle="bold"
        app:layout_constraintBottom_toTopOf="@+id/cost"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.936" />
```

```xml
<TextView
    android:id="@+id/cost"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_marginBottom="101dp"
    android:elevation="5dp"
    android:text="Custo de vida: OUT/23"
    android:textColor="@color/grey"
    android:textStyle="bold"
    app:layout_constraintBottom_toTopOf="@+id/box2"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.896" />

<TextView
    android:id="@+id/rs"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:elevation="5dp"
    android:text="R$"
    android:textSize="20dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.211"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.197" />

<View
    android:id="@+id/box2"
    android:layout_width="316dp"
    android:layout_height="67dp"
    android:layout_marginTop="9dp"
    android:layout_marginBottom="29dp"
    android:background="@drawable/valuec_shape"
    android:elevation="10dp"
    app:layout_constraintBottom_toTopOf="@+id/box3"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/Gbox" />

<View
    android:id="@+id/box3"
    android:layout_width="316dp"
    android:layout_height="67dp"
    android:layout_marginTop="105dp"
    android:layout_marginBottom="28dp"
    android:background="@drawable/valuec_shape"
    android:elevation="10dp"
    app:layout_constraintBottom_toTopOf="@+id/box4"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toBottomOf="@+id/Rbox" />

<View
    android:id="@+id/box4"
    android:layout_width="316dp"
    android:layout_height="67dp"
```

```xml
        android:layout_marginTop="200dp"
        android:layout_marginBottom="56dp"
        android:background="@drawable/valuec_shape"
        android:elevation="10dp"
        app:layout_constraintBottom_toTopOf="@+id/downcolor2"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/Rbox" />

    <View
        android:id="@+id/Gbox"
        android:layout_width="90dp"
        android:layout_height="80dp"
        android:layout_marginTop="15dp"
        android:layout_marginBottom="320dp"
        android:background="@drawable/categories_shape"
        android:elevation="10dp"
        app:layout_constraintBottom_toTopOf="@+id/downcolor2"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.303"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/topcolor2"
        app:layout_constraintVertical_bias="0.0" />

    <TextView
        android:id="@+id/categories1"
        android:layout_width="54dp"
        android:layout_height="30dp"
        android:elevation="10dp"
        android:text="Categoria Despesas"
        android:textColor="@color/white"
        android:textSize="12dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.327"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.369" />

    <View
        android:id="@+id/Rbox"
        android:layout_width="91dp"
        android:layout_height="85dp"
        android:layout_marginTop="31dp"
        android:layout_marginBottom="323dp"
        android:background="@drawable/categories_shape2"
        android:elevation="10dp"
        app:layout_constraintBottom_toTopOf="@+id/downcolor2"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.675"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/topcolor4"
        app:layout_constraintVertical_bias="0.0" />

    <TextView
        android:id="@+id/categories2"
        android:layout_width="54dp"
        android:layout_height="30dp"
        android:elevation="10dp"
        android:text="Adicionar despesas"
        android:textColor="@color/white"
```

```
        android:textSize="12dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.666"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.369" />

    <ImageView
        android:id="@+id/icon_chklist"
        android:layout_width="34dp"
        android:layout_height="31dp"
        android:elevation="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.34"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.328"
        app:srcCompat="@drawable/baseline_checklist_rtl_24" />

    <ImageView
        android:id="@+id/icon_house"
        android:layout_width="34dp"
        android:layout_height="31dp"
        android:elevation="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.65"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.325"
        app:srcCompat="@drawable/baseline_add_home_24" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

Código JAVA:

```
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity9 extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main9);
    }
}
```

Tela de consulta de despesas:

Código XML:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity8">

    <View
        android:id="@+id/topcolor13"
        android:layout_width="406dp"

        android:layout_height="368dp"
        android:layout_marginStart="-200dp"
        android:layout_marginTop="-200dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.58"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.081" />

    <View
        android:id="@+id/downcolor7"
        android:layout_width="572dp"
        android:layout_height="592dp"
        android:layout_marginStart="-200dp"
        android:layout_marginTop="-200dp"
        android:layout_marginEnd="-200dp"
        android:layout_marginBottom="-200dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.45"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="1.0" />
```

```xml
<View
    android:id="@+id/topcolor14"
    android:layout_width="409dp"
    android:layout_height="368dp"
    android:layout_marginTop="-200dp"
    android:layout_marginEnd="-200dp"
    android:background="@drawable/background_top2"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.504"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.09" />

<View
    android:id="@+id/downcolor8"
    android:layout_width="572dp"
    android:layout_height="592dp"
    android:layout_marginStart="-200dp"
    android:layout_marginTop="-200dp"
    android:layout_marginEnd="-200dp"
    android:layout_marginBottom="-200dp"
    android:background="@drawable/background_down"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.66"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.99" />

<View
    android:id="@+id/topcolor15"
    android:layout_width="413dp"
    android:layout_height="368dp"
    android:layout_marginStart="-50dp"
    android:layout_marginTop="-200dp"
    android:layout_marginEnd="-50dp"
    android:background="@drawable/background_top4"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.056" />

<ImageView
    android:id="@+id/icon_menu3"
    android:layout_width="42dp"
    android:layout_height="42dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.891"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.047"
    app:srcCompat="@drawable/icon_more" />


<View
    android:id="@+id/downcolor9"
    android:layout_width="572dp"
    android:layout_height="592dp"
```

```xml
        android:layout_marginBottom="-200dp"
        android:background="@drawable/background_top4"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.95"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="1.0" />

    <TextView
        android:id="@+id/value_of_search5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="29"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.637"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.949" />

    <TextView
        android:id="@+id/cents_of_value5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=",90"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.744"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.952" />

    <TextView
        android:id="@+id/rs8"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="R$"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.506"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.939" />

    <View
        android:id="@+id/background_icon11"
        android:layout_width="35dp"
        android:layout_height="35dp"
        android:background="@drawable/background_icon"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.108"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
```

```xml
                app:layout_constraintVertical_bias="0.961" />

    <View
        android:id="@+id/background_icon12"
        android:layout_width="30dp"
        android:layout_height="30dp"
        android:background="@drawable/background_icon2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.906"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.957" />

    <ImageView
        android:id="@+id/icon_gym"
        android:layout_width="28dp"
        android:layout_height="27dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.117"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.953"
        app:srcCompat="@drawable/icon_gym" />

    <ImageView
        android:id="@+id/icon_arrow6"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.902"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.955"
        app:srcCompat="@drawable/icon_arrow" />

    <TextView
        android:id="@+id/gym"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Gympass"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.275"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.953" />

    <TextView
        android:id="@+id/value_of_search4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="14"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
```

```xml
        app:layout_constraintHorizontal_bias="0.637"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.883" />

    <TextView
        android:id="@+id/cents_of_value4"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=",90"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.744"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.885" />

    <TextView
        android:id="@+id/rs7"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="R$"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.506"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.872" />

    <View
        android:id="@+id/background_icon9"
        android:layout_width="35dp"
        android:layout_height="35dp"
        android:background="@drawable/background_icon"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.108"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.893" />

    <View
        android:id="@+id/background_icon10"
        android:layout_width="30dp"
        android:layout_height="30dp"
        android:background="@drawable/background_icon2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.906"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.89" />

    <ImageView
        android:id="@+id/icon_cart"
        android:layout_width="28dp"
        android:layout_height="27dp"
```

```xml
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.117"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.887"
        app:srcCompat="@drawable/icon_cart" />

    <TextView
        android:id="@+id/amazon"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Amazon"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.276"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.887" />

    <ImageView
        android:id="@+id/icon_arrow5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.902"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.888"
        app:srcCompat="@drawable/icon_arrow" />

    <TextView
        android:id="@+id/value_of_search3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="49"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.64"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.824" />

    <TextView
        android:id="@+id/cents_of_value3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=",90"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.746"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.827" />
```

```xml
<TextView
    android:id="@+id/rs6"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="R$"
    android:textColor="@color/white"
    android:textSize="10dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.509"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.814" />

<View
    android:id="@+id/background_icon7"
    android:layout_width="35dp"
    android:layout_height="35dp"
    android:background="@drawable/background_icon"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.111"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.833" />

<View
    android:id="@+id/background_icon8"
    android:layout_width="30dp"
    android:layout_height="30dp"
    android:background="@drawable/background_icon2"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.909"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.831" />

<ImageView
    android:id="@+id/icon_tv"
    android:layout_width="28dp"
    android:layout_height="27dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.117"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.828"
    app:srcCompat="@drawable/icon_tv" />

<ImageView
    android:id="@+id/icon_arrow4"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.905"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.829"
```

```xml
            app:srcCompat="@drawable/icon_arrow" />

        <TextView
            android:id="@+id/netflix"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Netflix"
            android:textColor="@color/white"
            android:textSize="20dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.28"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.828" />

        <androidx.appcompat.widget.AppCompatButton
            android:id="@+id/bsearch3"
            android:layout_width="299dp"
            android:layout_height="46dp"
            android:layout_marginBottom="280dp"
            android:background="@drawable/background_buttons"
            android:drawableStart="@drawable/icon_search"
            android:hint="Despesa Fixa"
            android:paddingStart="20dp"
            android:textAlignment="textStart"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toStartOf="parent" />

        <ImageView
            android:id="@+id/dollar3"
            android:layout_width="56dp"
            android:layout_height="61dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.073"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.035"
            app:srcCompat="@drawable/iconedin2" />

        <View
            android:id="@+id/box5"
            android:layout_width="320dp"
            android:layout_height="175dp"
            android:background="@drawable/valuec_shape"
            android:elevation="5dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.494"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.212" />

        <TextView
            android:id="@+id/rs3"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:elevation="5dp"
            android:text="R$"
```

```xml
            android:textSize="20dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.196"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.198" />

        <TextView
            android:id="@+id/value3"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_marginTop="148dp"
            android:elevation="5dp"
            android:text="5.000,00"
            android:textSize="30dp"
            android:textStyle="bold"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.876" />

        <TextView
            android:id="@+id/cost3"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:elevation="5dp"
            android:text="Custo de vida: OUT/23"
            android:textColor="@color/grey"
            android:textStyle="bold"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.477"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.273" />

        <View
            android:id="@+id/gbox2"
            android:layout_width="90dp"
            android:layout_height="80dp"
            android:background="@drawable/categories_shape"
            android:elevation="10dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.317"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintVertical_bias="0.359" />

        <TextView
            android:id="@+id/categories4"
            android:layout_width="54dp"
            android:layout_height="30dp"
            android:elevation="10dp"
            android:text="Categoria Despesas"
            android:textColor="@color/white"
            android:textSize="12dp"
            app:layout_constraintBottom_toBottomOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintHorizontal_bias="0.327"
```

```xml
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.39" />

    <View
        android:id="@+id/rbox2"
        android:layout_width="91dp"
        android:layout_height="85dp"
        android:background="@drawable/categories_shape2"
        android:elevation="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.681"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.354" />

    <ImageView
        android:id="@+id/icon_house3"
        android:layout_width="34dp"
        android:layout_height="31dp"
        android:elevation="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.66"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.35"
        app:srcCompat="@drawable/baseline_add_home_24" />

    <TextView
        android:id="@+id/categories5"
        android:layout_width="54dp"
        android:layout_height="30dp"
        android:elevation="10dp"
        android:text="Adicionar despesas"
        android:textColor="@color/white"
        android:textSize="12dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.666"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.39" />

    <TextView
        android:id="@+id/month"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Mês de outubro"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.654" />

    <ImageView
        android:id="@+id/icon_chklist3"
        android:layout_width="34dp"
```

```xml
        android:layout_height="31dp"
        android:elevation="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.364"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.35"
        app:srcCompat="@drawable/baseline_checklist_rtl_24" />

    <TextView
        android:id="@+id/value_of_search"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="1.200"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.643"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.699" />

    <TextView
        android:id="@+id/cents_of_value"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=",00"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.749"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.704" />

    <TextView
        android:id="@+id/rs"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="R$"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.511"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.691" />

    <View
        android:id="@+id/background_icon"
        android:layout_width="35dp"
        android:layout_height="35dp"
        android:background="@drawable/background_icon"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.111"
        app:layout_constraintStart_toStartOf="parent"
```

```xml
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.706" />

    <ImageView
        android:id="@+id/icon_home"
        android:layout_width="28dp"
        android:layout_height="27dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.119"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.703"
        app:srcCompat="@drawable/icon_home" />

    <TextView
        android:id="@+id/rent"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="Aluguel"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.284"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.703" />

    <View
        android:id="@+id/background_icon2"
        android:layout_width="30dp"
        android:layout_height="30dp"
        android:background="@drawable/background_icon2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.912"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.706" />

    <ImageView
        android:id="@+id/icon_arrow"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.906"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.704"
        app:srcCompat="@drawable/icon_arrow" />

    <TextView
        android:id="@+id/value_of_search2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="200"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
```

```xml
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.64"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.765" />

    <TextView
        android:id="@+id/cents_of_value2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text=",00"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.746"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.769" />

    <TextView
        android:id="@+id/rs5"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="R$"
        android:textColor="@color/white"
        android:textSize="10dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.509"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.756" />

    <View
        android:id="@+id/background_icon5"
        android:layout_width="35dp"
        android:layout_height="35dp"
        android:background="@drawable/background_icon"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.111"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.77" />

    <View
        android:id="@+id/background_icon6"
        android:layout_width="30dp"
        android:layout_height="30dp"
        android:background="@drawable/background_icon2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.909"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.772" />

    <ImageView
        android:id="@+id/icon_arrow3"
        android:layout_width="wrap_content"
```

```
            android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.905"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.77"
        app:srcCompat="@drawable/icon_arrow" />

    <TextView
        android:id="@+id/ipva"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="IPVA"
        android:textColor="@color/white"
        android:textSize="20dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.28"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.769" />

    <ImageView
        android:id="@+id/icon_car"
        android:layout_width="28dp"
        android:layout_height="27dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.12"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.765"
        app:srcCompat="@drawable/icon_car" />
</androidx.constraintlayout.widget.ConstraintLayout>
```

Código JAVA:

```java
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;

import android.graphics.Color;
import android.os.Bundle;
import android.view.Window;

public class MainActivity8 extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main8);

        Window window = getWindow();
        window.setStatusBarColor(Color.parseColor("#3498DB"));
    }
}
```

Tela de cadastro de despeza:

Código XML:

```xml
<?xml version="1.0" encoding="utf-8"?>
<androidx.constraintlayout.widget.ConstraintLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".MainActivity10">

    <androidx.appcompat.widget.AppCompatButton
        android:id="@+id/bregister2"
        android:layout_width="327dp"
        android:layout_height="59dp"
        android:background="@drawable/background_button_white"
        android:drawableEnd="@drawable/arrow3"
        android:paddingStart="20dp"
        android:text="Cadastrar"
        android:textAlignment="textStart"
        android:textColor="@color/blue"
        android:textSize="15dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.464"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.754" />

    <EditText
        android:id="@+id/value_of_expenses"
        android:layout_width="130dp"
        android:layout_height="41dp"
        android:layout_marginTop="34dp"
        android:backgroundTint="@color/blue"
        android:ems="10"
        android:hint="R$  0.0000   ,00"
        android:inputType="text"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.088"
        app:layout_constraintStart_toStartOf="parent"
```

```xml
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.473" />

    <EditText
        android:id="@+id/add_category"
        android:layout_width="115dp"
        android:layout_height="35dp"
        android:layout_marginTop="34dp"
        android:backgroundTint="@color/blue"
        android:ems="10"
        android:hint="Adicionar Categoria"
        android:inputType="text"
        android:textSize="12dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.092"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.577" />

    <EditText
        android:id="@+id/name_of_expenses"
        android:layout_width="361dp"
        android:layout_height="44dp"
        android:layout_marginTop="34dp"
        android:backgroundTint="@color/blue"
        android:ems="10"
        android:hint="Nome da Despesa"
        android:inputType="text"
        android:textSize="12dp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.495"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.229" />

    <View
        android:id="@+id/topcolor3"
        android:layout_width="373dp"
        android:layout_height="369dp"
        android:layout_marginStart="-200dp"
        android:layout_marginTop="-300dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.587"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.13" />

    <View
        android:id="@+id/downcolor3"
        android:layout_width="409dp"
        android:layout_height="189dp"
        android:layout_marginStart="-200dp"
        android:layout_marginBottom="-200dp"
        android:background="@drawable/background_top3"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.921"
```

```xml
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.853" />

    <View
        android:id="@+id/topcolor2"
        android:layout_width="373dp"
        android:layout_height="369dp"
        android:layout_marginTop="-300dp"
        android:layout_marginEnd="-200dp"
        android:background="@drawable/background_top2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.41"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.13" />

    <View
        android:id="@+id/downcolor2"
        android:layout_width="429dp"
        android:layout_height="189dp"
        android:layout_marginEnd="-200dp"
        android:layout_marginBottom="-200dp"
        android:background="@drawable/background_top2"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.213"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.854" />

    <View
        android:id="@+id/topcolor4"
        android:layout_width="527dp"
        android:layout_height="370dp"

        android:layout_marginStart="-50dp"
        android:layout_marginTop="-300dp"
        android:layout_marginEnd="-50dp"
        android:background="@drawable/background_top4"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.100000024" />

    <TextView
        android:id="@+id/title"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginTop="4dp"
        android:text="Cadastro de Despesa"
        android:textColor="@color/white"
        android:textSize="24sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.267"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@+id/dollar"
        app:layout_constraintVertical_bias="0.0" />
```

```xml
<TextView
    android:id="@+id/title2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:hint="Valor da Despesa"
    android:textSize="11dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.076"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.459" />

<ImageView
    android:id="@+id/imageView2"
    android:layout_width="42dp"
    android:layout_height="42dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.891"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.047"
    app:srcCompat="@drawable/icon_more" />

<View
    android:id="@+id/downcolor4"
    android:layout_width="453dp"
    android:layout_height="298dp"
    android:layout_marginBottom="-200dp"
    android:background="@drawable/background_top4"

    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="1.0" />

<ImageView
    android:id="@+id/dollar"
    android:layout_width="56dp"
    android:layout_height="61dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.073"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.023"
    app:srcCompat="@drawable/iconedin2" />

<RadioGroup
    android:layout_width="117dp"
    android:layout_height="58dp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.085"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.375">
```

```xml
        <RadioButton
            android:id="@+id/fixed"
            android:layout_width="116dp"
            android:layout_height="27dp"
            android:text="FIXA" />

        <RadioButton
            android:id="@+id/variable"
            android:layout_width="116dp"
            android:layout_height="32dp"
            android:text="VARIÁVEL" />
    </RadioGroup>

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.4"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.597"
        app:srcCompat="@drawable/icon_add" />

    <ImageView
        android:id="@+id/imageView3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintHorizontal_bias="0.462"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent"
        app:layout_constraintVertical_bias="0.596"
        app:srcCompat="@drawable/icon_search" />

</androidx.constraintlayout.widget.ConstraintLayout>
```

Código JAVA:

```java
package com.example.android;

import androidx.appcompat.app.AppCompatActivity;

import android.os.Bundle;

public class MainActivity10 extends AppCompatActivity {

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main10);
    }
}
```

Link do FIGMA:
https://www.figma.com/file/fHgtVCWqqhJAmvbSw3kdWe/Finan%C3%A7a-

Imagem do FIGMA: