

Personal Finance Management App

Description:

Our app is designed to help you take control of your finances by tracking expenses, managing accounts, and staying on top of your budget. With intuitive tools and real-time updates, the app provides a clear overview of your financial health and helps you reach your financial goals.

Key Features:

- **Expense Tracking:** Easily log and categorize all your expenses to see where your money is going.
- **Account Management:** Link multiple accounts (bank, credit cards, wallets) for a unified view of your financial status.
- **Budgeting:** Set budgets for various categories and track progress, with alerts when you're close to exceeding limits.
- **Financial Overview:** Get a snapshot of your overall finances, including account balances, expenses, and remaining budget.
- **Goal Setting:** Set savings or debt repayment goals and track your progress toward them.
- **Reports & Insights:** View detailed spending trends and receive actionable insights to improve your financial habits.

Benefits:

- **Better Financial Control:** Easily manage and monitor your expenses, accounts, and budgets.
- **Achieve Your Goals:** Stay focused on your financial goals, whether it's saving, investing, or paying off debt.
- **Time-Saving:** Automatically track and categorize transactions, saving you time and effort on manual tracking.

Program:

MainActivity.kt

```
package com.example.expensetracker  
  
import android.annotation.SuppressLint  
  
import android.content.Intent
```



```

// background color.

AppBar(background-color = Color(0xFFadbf4),
        modifier = Modifier.height(80.dp),
        // along with that we are specifying
        // title for our top bar.
        content = {

            Spacer(modifier = Modifier.width(15.dp))

            Button(
                onClick = {
                    { startActivity(Intent(applicationContext, AddExpensesActivity::class.java)) },
                    colors = ButtonDefaults.buttonColors(background-color = Color.White),
                    modifier = Modifier.size(height = 55.dp, width = 110.dp)
                }
            ) {
                Text(
                    text = "Add Expenses", color = Color.Black, font-size = 14.sp,
                    text-align = TextAlign.Center
                )
            }

            Spacer(modifier = Modifier.width(15.dp))

            Button(
                onClick = {
                    startActivity(
                        Intent(

```

```

        applicationContext,
        SetLimitActivity::class.java
    )
)
},
colors = ButtonDefaults.buttonColors(backgroundColor = Color.White),
modifier = Modifier.size(height = 55.dp, width = 110.dp)
)
{
    Text(
        text = "Set Limit", color = Color.Black, fontSize = 14.sp,
        textAlign = TextAlign.Center
    )
}

Spacer(modifier = Modifier.width(15.dp))

Button(
    onClick = {
        startActivity(
            Intent(
                applicationContext,
                ViewRecordsActivity::class.java
            )
        )
    },
    colors = ButtonDefaults.buttonColors(backgroundColor = Color.White),

```

```

        modifier = Modifier.size(height = 55.dp, width = 110.dp)
    )
    {
        Text(
            text = "View Records", color = Color.Black, fontSize = 14.sp,
            textAlign = TextAlign.Center
        )
    }

}

)

}

){
    MainPage()
}

}

}

}

```

@Composable

```

fun MainPage() {
    Column(
        modifier = Modifier.padding(20.dp).fillMaxSize(),
        verticalArrangement = Arrangement.Center,
        horizontalAlignment = Alignment.CenterHorizontally
    ) {

```

```
        Text(text = "Welcome To Expense Tracker", fontSize = 42.sp, fontWeight =  
FontWeight.Bold,  
        textAlign = TextAlign.Center)
```

```
        Image(painterResource(id = R.drawable.img_1), contentDescription = "", modifier =  
Modifier.size(height = 500.dp, width = 500.dp))
```

```
    }  
}
```

AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>  
  
<manifest xmlns:android="http://schemas.android.com/apk/res/android"  
  
    xmlns:tools="http://schemas.android.com/tools">  
  
    <application  
  
        android:allowBackup="true"  
  
        android:dataExtractionRules="@xml/data_extraction_rules"  
  
        android:fullBackupContent="@xml/backup_rules"  
  
        android:icon="@mipmap/ic_launcher"  
  
        android:label="@string/app_name"  
  
        android:supportRtl="true"  
  
        android:theme="@style/Theme.ExpensesTracker"  
  
        tools:targetApi="31">  
  
        <activity  
  
            android:name=".RegisterActivity"  
  
            android:exported="false"
```

```
    android:label="@string/title_activity_register"

    android:theme="@style/Theme.ExpensesTracker" />

<activity

    android:name=".MainActivity"

    android:exported="false"

    android:label="MainActivity"

    android:theme="@style/Theme.ExpensesTracker" />

<activity

    android:name=".ViewRecordsActivity"

    android:exported="false"

    android:label="@string/title_activity_view_records"

    android:theme="@style/Theme.ExpensesTracker" />

<activity

    android:name=".SetLimitActivity"

    android:exported="false"

    android:label="@string/title_activity_set_limit"

    android:theme="@style/Theme.ExpensesTracker" />

<activity

    android:name=".AddExpensesActivity"

    android:exported="false"

    android:label="@string/title_activity_add_expenses"

    android:theme="@style/Theme.ExpensesTracker" />

<activity
```

```

android:name=".LoginActivity"

android:exported="true"

android:label="@string/app_name"

android:theme="@style/Theme.ExpensesTracker">

<intent-filter>

<action android:name="android.intent.action.MAIN" />

<category android:name="android.intent.category.LAUNCHER" />

</intent-filter>

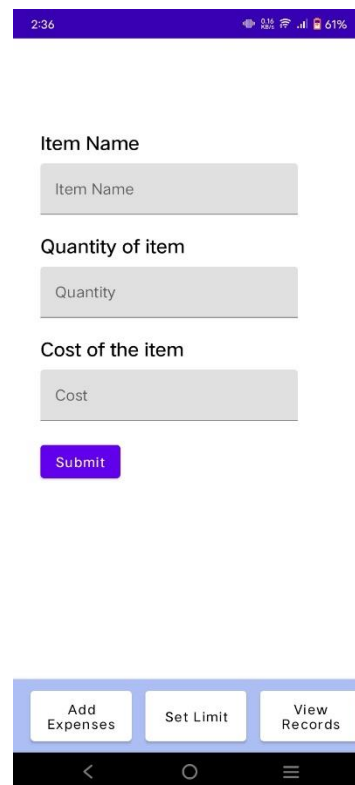
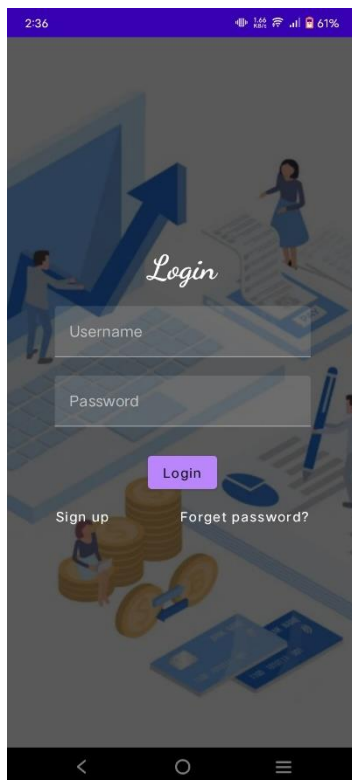
</activity>

</application>

</manifest>

```

Output:



Monthly Amount Limit

Set Amount Limit

Set Limit

Remaining Amount: 2800
Remaining Amount: 10000
Remaining Amount: 10000
Remaining Amount: 10000
Remaining Amount: 10000
Remaining Amount: 10000
Remaining Amount: 10000
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Remaining Amount: 10000
Remaining Amount: 10000

View Records

Item_Name: boost
Quantity: 2kg
Cost: 500

Item_Name: boost
Quantity: 2kg
Cost: 500

Item_Name: boost
Quantity: 2kg
Cost: 500

Item_Name: boost
Quantity: 2kg
Cost: 500

Item_Name: boost
Quantity: 2kg
Cost: 500

Item_Name: boost
Quantity: 2kg