Implementing a Navigation Drawer

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Navigation
Methods

Module_5/start/TabianDating

Navigation

Drawer

When to use a navigation drawer?

- Best user experience

Choices

```
if(user == happy){
    developer = happy;
}

else if(user == angry){
    developer = sad;
}
```
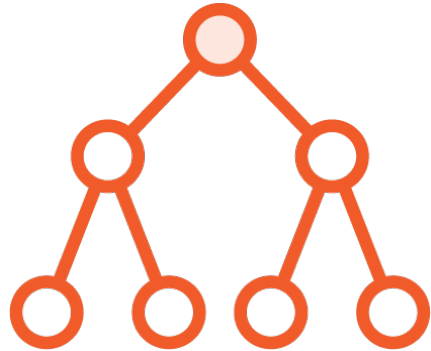
Navigation
Drawer

Resetting of the navigation

Navigating large apps

Tabian Dating Navigation Drawer

"Reset" back to HomeFragment

Access personalized account settings

User agreement

Material Design

- Header image
- Header title
- Adding items to the navigation drawer
- Navigation drawer groups

Setting up a Navigation Drawer

Inflating Fragments from a Navigation Drawer

Module Review

Drawer Layout

```xml
<android.support.v4.widget.DrawerLayout
    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:id="@+id/drawer_layout">

    <FrameLayout
        android:layout_width="match_parent"
        android:layout_height="match_parent">

        <include layout="@layout/layout_main_content"/>

    </FrameLayout>

    <android.support.design.widget.NavigationView
        android:layout_width="wrap_content"
        android:layout_height="match_parent"
        android:id="@+id/navigation_view"
        android:layout_gravity="start"
        android:background="#fff"
        app:menu="@menu/navigation_drawer_items"
        app:headerLayout="@layout/layout_nav_header">
    </android.support.design.widget.NavigationView>

</android.support.v4.widget.DrawerLayout>
```
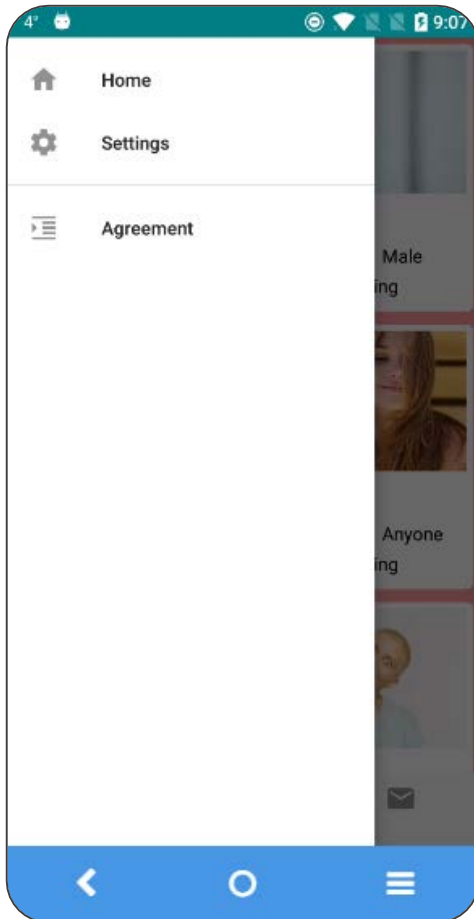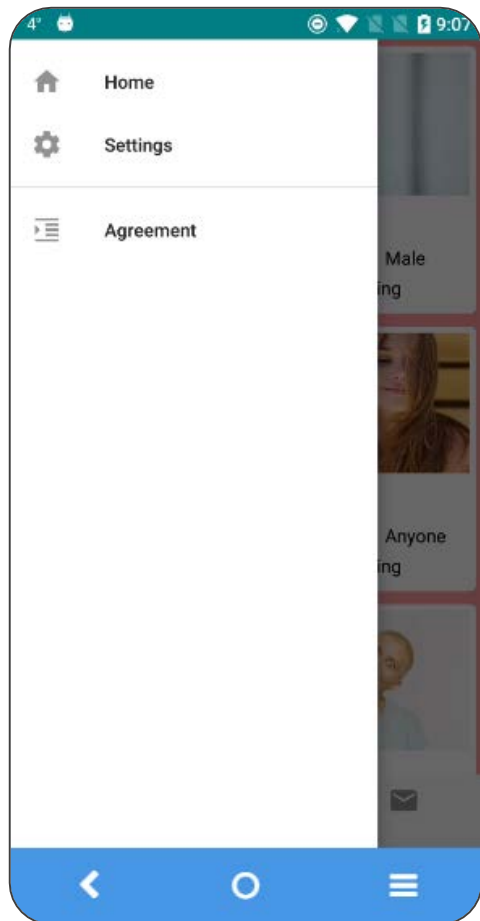
```xml
<menu xmlns:tools="http://schemas.android.com/tools"
    xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto">
    <group
        android:id="@+id/group1">
        <item
            android:id="@+id/home"
            android:icon="@drawable/ic_home"
            android:title="@string/home"/>
        <item
            android:id="@+id/settings"
            android:icon="@drawable/ic_settings"
            android:title="@string/settings"/>
    </group>

    <group
        android:id="@+id/group2">
        <item
            android:id="@+id/agreement"
            android:icon="@drawable/ic_agreement"
            android:title="@string/agreement"/>
    </group>
</menu>
```
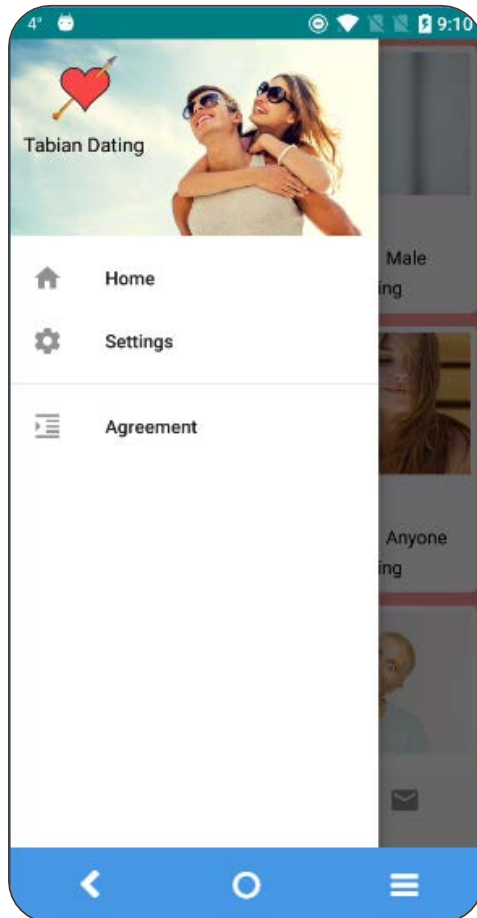
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    android:layout_gravity="start"
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    android:id="@+id/navigation_view"
    android:layout_gravity="start"
    android:background="#fff"
    app:menu="@menu/navigation_drawer_items"
    app:headerLayout="@layout/layout_nav_header">

</android.support.design.widget.NavigationView>
```

OnNavigationItemSelectedListener

Implement

Interface

```java
case R.id.home:{
    init();
    break;
}

case R.id.settings:{
    Log.d(TAG, "onNavigationItemSelected: SettingsFragment.");

    //Do Fragment Transaction

    break;
}

case R.id.agreement:{
    Log.d(TAG, "onNavigationItemSelected: AgreementFragment.");

    //Do Fragment Transaction

    break;
}
```

Closing The Drawer

```
mDrawerLayout.closeDrawer(GravityCompat.START);
```

Up
Next

Custom navigation management system