

### AndroidManifest.xml

```
<?xml version="1.0" encoding="utf-8"?>
<manifest
xmlns:android="http://schemas.android.com/apk/res/
android"
    package="com.example.newnavigationdrawer">

    <application
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/app_name"

        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportsRtl="true"

        android:theme="@style/Theme.NewNavigationDrawer">
        <activity
            android:name=".MainActivity"
            android:exported="true"
            android:label="@string/app_name"

            android:theme="@style/Theme.NewNavigationDrawer.No
ActionBar">
            <intent-filter>
                <action
                    android:name="android.intent.action.MAIN" />

                <category
                    android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>
    </application>

</manifest>
```

### activity\_main\_drawer.xml

```
<?xml version="1.0" encoding="utf-8"?>
<menu
xmlns:android="http://schemas.android.com/apk/res/
```

### strings.xml

```
<resources>
    <string name="app_name">NewNavigationDrawer</string>
    <string name="navigation_drawer_open">Open navigation
drawer</string>
    <string name="navigation_drawer_close">Close navigation
drawer</string>
    <string name="nav_header_title">Android Studio</string>
    <string
name="nav_header_subtitle">android.studio@android.com</string>
    <string name="nav_header_desc">Navigation header</string>
    <string name="action_settings">Settings</string>

    <string name="menu_home">Home</string>
    <string name="menu_gallery">Gallery</string>
    <string name="menu_slideshow">Slideshow</string>
    <!-- TODO: Remove or change this placeholder text -->
    <string name="hello_blank_fragment">Hello blank
fragment</string>
</resources>
```

### mobile\_navigation.xml

```
<?xml version="1.0" encoding="utf-8"?>
<navigation
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:id="@+id/mobile_navigation"
    app:startDestination="@+id/nav_home">

    <fragment
        android:id="@+id/nav_home"

        android:name="com.example.newnavigationdrawer.ui.home.HomeFrag
ment"

        android:label="@string/menu_home"
        tools:layout="@layout/fragment_home" />
```

```

android"
    xmlns:tools="http://schemas.android.com/tools"
    tools:showIn="navigation_view">

    <group android:checkableBehavior="single">
        <item
            android:id="@+id/nav_home"

android:icon="@drawable/ic_menu_camera"
            android:title="@string/menu_home" />
        <item
            android:id="@+id/nav_gallery"

android:icon="@drawable/ic_menu_gallery"
            android:title="@string/menu_gallery"
        />
        <item
            android:id="@+id/nav_slideshow"

android:icon="@drawable/ic_menu_slideshow"
            android:title="@string/menu_slideshow"
        />
        <item
            android:id="@+id/nav_dept"
            android:icon="@drawable/ic_dept"
            android:title="Department" />
        <item
            android:id="@+id/nav_contUs"
            android:icon="@drawable/ic_contact"
            android:title="Contact Us" />
        <item
            android:id="@+id/nav_aboutUs"
            android:icon="@drawable/ic_about"
            android:title="About Us" />
    </group>
</menu>

```

fragment\_about.xml

```

<fragment
    android:id="@+id/nav_gallery"

android:name="com.example.newnavigationdrawer.ui.gallery.Galle
ryFragment"
    android:label="@string/menu_gallery"
    tools:layout="@layout/fragment_gallery" />

<fragment
    android:id="@+id/nav_slideshow"

android:name="com.example.newnavigationdrawer.ui.slideshow.Sli
deshowFragment"
    android:label="@string/menu_slideshow"
    tools:layout="@layout/fragment_slideshow" />
<fragment
    android:id="@+id/nav_aboutUs"
    android:name="com.example.newnavigationdrawer.About"
    android:label="About Us"
    tools:layout="@layout/fragment_about" />
<fragment
    android:id="@+id/nav_contUs"
    android:name="com.example.newnavigationdrawer.Contact"
    android:label="Contact Us"
    tools:layout="@layout/fragment_contact" />
<fragment
    android:id="@+id/nav_dept"

android:name="com.example.newnavigationdrawer.Department"
    android:label="Department"
    tools:layout="@layout/fragment_department" />
</navigation>

```

MainActivity.java

```

package com.example.newnavigationdrawer;

import android.os.Bundle;
import android.view.View;

```

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout
xmlns:android="http://schemas.android.com/apk/res/
android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".About">

    <TextView
        android:id="@+id/textView2"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="This is About Us Fragment"
        android:textAlignment="center" />
</FrameLayout>
```

#### fragment\_contact.xml

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout
xmlns:android="http://schemas.android.com/apk/res/
android"
xmlns:tools="http://schemas.android.com/tools"
android:layout_width="match_parent"
android:layout_height="match_parent"
tools:context=".Contact">

    <!-- TODO: Update blank fragment layout -->
    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:text="This is Contact Us Fragment"
    />
</FrameLayout>
```

#### fragment\_department.xml

```
<?xml version="1.0" encoding="utf-8"?>
<FrameLayout
```

```
import android.view.Menu;

import com.google.android.material.snackbar.Snackbar;
import com.google.android.material.navigation.NavigationView;

import androidx.navigation.NavController;
import androidx.navigation.Navigation;
import androidx.navigation.ui.AppBarConfiguration;
import androidx.navigation.ui.NavigationUI;
import androidx.drawerlayout.widget.DrawerLayout;
import androidx.appcompat.app.AppCompatActivity;

import com.example.newnavigationdrawer.databinding.ActivityMainBinding;

public class MainActivity extends AppCompatActivity {

    private AppBarConfiguration mAppBarConfiguration;
    private ActivityMainBinding binding;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);

        binding =
ActivityMainBinding.inflate(getLayoutInflater());
        setContentView(binding.getRoot());

        setSupportActionBar(binding.appBarMain.toolbar);
        binding.appBarMain.fab.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View view) {
                Snackbar.make(view, "Replace with your own
action", Snackbar.LENGTH_LONG)
                    .setAction("Action", null).show();
            }
        });
    }
}
```

```

xmlns:android="http://schemas.android.com/apk/res/
android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    tools:context=".Department">

    <!-- TODO: Update blank fragment layout -->
    <TextView
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:text="This is Department Fragment"
    />

</FrameLayout>

```

#### nav\_header\_main.xml

```

<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/
    android"
    xmlns:app="http://schemas.android.com/apk/res-
    auto"
    android:layout_width="match_parent"

    android:layout_height="@dimen/nav_header_height"

    android:background="@android:color/holo_purple"
    android:gravity="bottom"
    android:orientation="vertical"

    android:paddingLeft="@dimen/activity_horizontal_ma
    rgin"

    android:paddingTop="@dimen/activity_vertical_margi
    n"

    android:paddingRight="@dimen/activity_horizontal_m
    argin"

```

```

        DrawerLayout drawer = binding.drawerLayout;
        NavigationView navigationView = binding.navView;
        // Passing each menu ID as a set of Ids because each
        // menu should be considered as top level
        destinations.
        mAppBarConfiguration = new
        AppBarConfiguration.Builder(
            R.id.nav_home, R.id.nav_gallery,
            R.id.nav_slideshow, R.id.nav_aboutUs, R.id.nav_contUs, R.id.nav_d
            ept)
            .setOpenableLayout(drawer)
            .build();
        NavController navController =
        Navigation.findNavController(this,
            R.id.nav_host_fragment_content_main);
        NavigationUI.setupActionBarWithNavController(this,
            navController, mAppBarConfiguration);
        NavigationUI.setupWithNavController(navigationView,
            navController);
    }

    @Override
    public boolean onCreateOptionsMenu(Menu menu) {
        // Inflate the menu; this adds items to the action bar
        if it is present.
        getMenuInflater().inflate(R.menu.main, menu);
        return true;
    }

    @Override
    public boolean onSupportNavigateUp() {
        NavController navController =
        Navigation.findNavController(this,
            R.id.nav_host_fragment_content_main);
        return NavigationUI.navigateUp(navController,
            mAppBarConfiguration)
            || super.onSupportNavigateUp();
    }
}

```

```

android:paddingBottom="@dimen/activity_vertical_ma
rgin"

android:theme="@style/ThemeOverlay.AppCompat.Dark"
>

    <ImageView
        android:id="@+id/imageView"
        android:layout_width="77dp"
        android:layout_height="87dp"

android:contentDescription="@string/nav_header_des
c"

android:paddingTop="@dimen/nav_header_vertical_spa
cing"
        app:srcCompat="@drawable/ic_about" />

    <TextView
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"

android:paddingTop="@dimen/nav_header_vertical_spa
cing"
        android:text="Hello User!"

android:textAppearance="@style/TextAppearance.AppC
ompat.Body1" />

    <TextView
        android:id="@+id/textView"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:text="user@android.com" />
</LinearLayout>

```

### fragment\_home.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=".ui.home.HomeFragment">

    <TextView
        android:id="@+id/text_home"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:layout_marginStart="8dp"
        android:layout_marginTop="8dp"
        android:layout_marginEnd="8dp"
        android:textAlignment="center"
        android:textSize="20sp"
        app:layout_constraintBottom_toBottomOf="parent"
        app:layout_constraintEnd_toEndOf="parent"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toTopOf="parent" />
</androidx.constraintlayout.widget.ConstraintLayout>

```

## Output

