

Assignment 4

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Fragment login code

```
<?xml version="1.0" encoding="utf-8"?>
<LinearLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical"
    android:gravity="center"
    android:background="@drawable/background_login">

    <ImageView
        android:layout_width="120dp"
        android:layout_height="120dp"
        android:src="@drawable/logo1"
        android:contentDescription="Login Image"
        android:layout_marginBottom="16dp" />

    <EditText
        android:id="@+id/usernameEditText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Username"
        android:layout_margin="16dp"
        android:textColor="#FFFFFF" />

    <EditText
        android:id="@+id/passwordEditText"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:hint="Password"
        android:inputType="textPassword"
        android:layout_margin="16dp"
        android:textColor="#FFFFFF" />

    <Button
        android:id="@+id/loginButton"
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:text="Login"
        android:layout_marginHorizontal="30dp"
        android:layout_marginVertical="20dp"
        android:background="#DDC6C6"
        android:textColor="#FFFFFF"
    />

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content"
        android:orientation="horizontal"
        android:gravity="center"
```

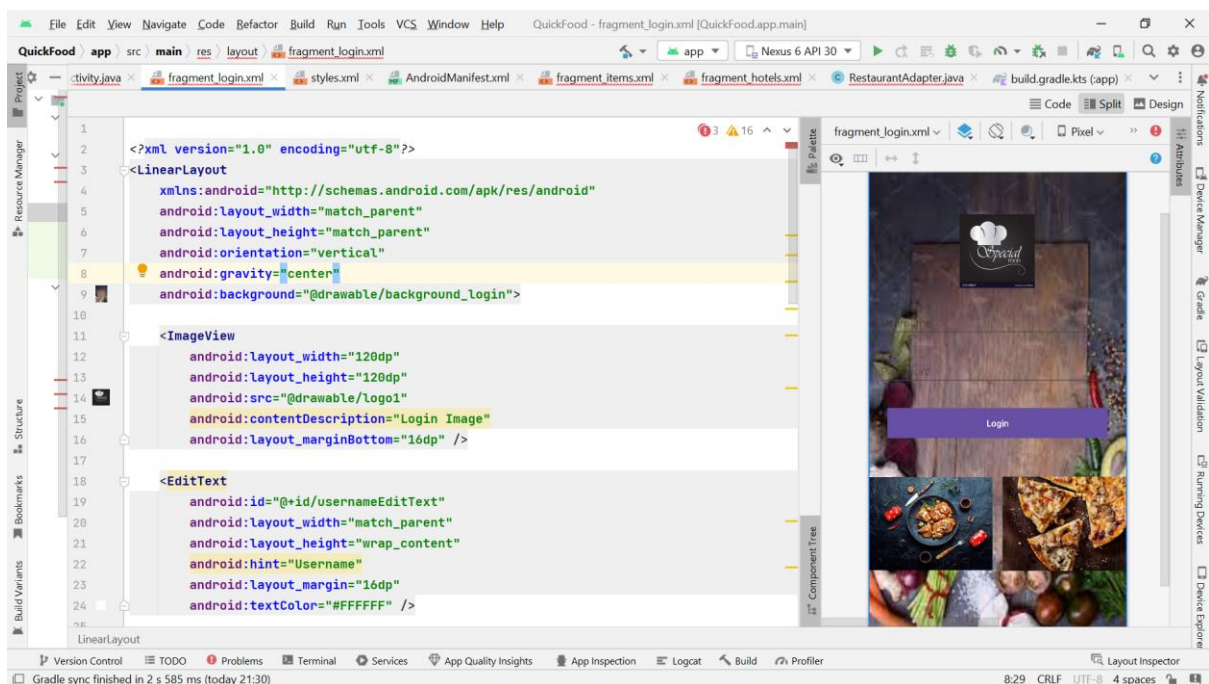
```
android:layout_marginTop="16dp" >
```

```
<ImageView  
    android:layout_width="200dp"  
    android:layout_height="200dp"  
    android:src="@drawable/food1_login"  
    android:contentDescription="First Image"  
    android:layout_marginEnd="16dp" />
```

```
<ImageView  
    android:layout_width="200dp"  
    android:layout_height="200dp"  
    android:src="@drawable/food2_login"  
    android:contentDescription="Second Image" />
```

```
</LinearLayout>
```

```
</LinearLayout>
```



Fragment_hotels code:

```
<?xml version="1.0" encoding="utf-8" ?>  
<androidx.constraintlayout.widget.ConstraintLayout  
    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"  
    android:orientation="vertical"  
    android:background="#214E34"  
    tools:context=".hotelsFragment">  
    <TextView  
        android:layout_width="match_parent"  
        android:layout_height="212dp"  
        android:layout_marginBottom="25dp"  
        android:background="@drawable/head"  
        android:fontFamily="cursive"  
        android:paddingVertical="50dp"  
        android:text="List of  
Hotels"
```

```
        android:textAlignment="center"
        android:textColor="#FFF"
        android:textSize="50sp"
        android:textStyle="bold"
        tools:ignore="MissingConstraints" />
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginHorizontal="30dp"
    android:fontFamily="cursive"
    android:text="Types of Cuisines"
    android:textColor="#FFF"
    android:textSize="40dp"
    android:textStyle="bold"
    tools:layout_editor_absoluteX="8dp"
    tools:layout_editor_absoluteY="229dp"
    tools:ignore="MissingConstraints" />
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginHorizontal="10dp"
    android:fontFamily="serif"
    android:text="                4) Indian:      American"
    android:textColor="#ffe89d"
    android:textSize="25dp"
    tools:layout_editor_absoluteX="10dp"
    tools:layout_editor_absoluteY="395dp"
    tools:ignore="MissingConstraints" />
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginHorizontal="10dp"
    android:fontFamily="sans-serif"
    android:text="                3) Italian:      Vietnamese"
    android:textColor="#ffe89d"
    android:textSize="25dp"
    tools:layout_editor_absoluteX="9dp"
    tools:layout_editor_absoluteY="362dp"
    tools:ignore="MissingConstraints" />
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginHorizontal="10dp"
    android:fontFamily="serif"
    android:text="                2) Korean:      Japanese"
    android:textColor="#ffe89d"
    android:textSize="25dp"
    tools:layout_editor_absoluteX="16dp"
    tools:layout_editor_absoluteY="329dp"
    tools:ignore="MissingConstraints" />
```

```
<TextView
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:layout_marginHorizontal="10dp"
    android:fontFamily="serif"
    android:text="                1) Chinese:      Thai"
    android:textColor="#ffe89d"
    android:textSize="25dp"
    tools:layout_editor_absoluteX="50dp"
    tools:layout_editor_absoluteY="296dp"
    tools:ignore="MissingConstraints" />
```

```

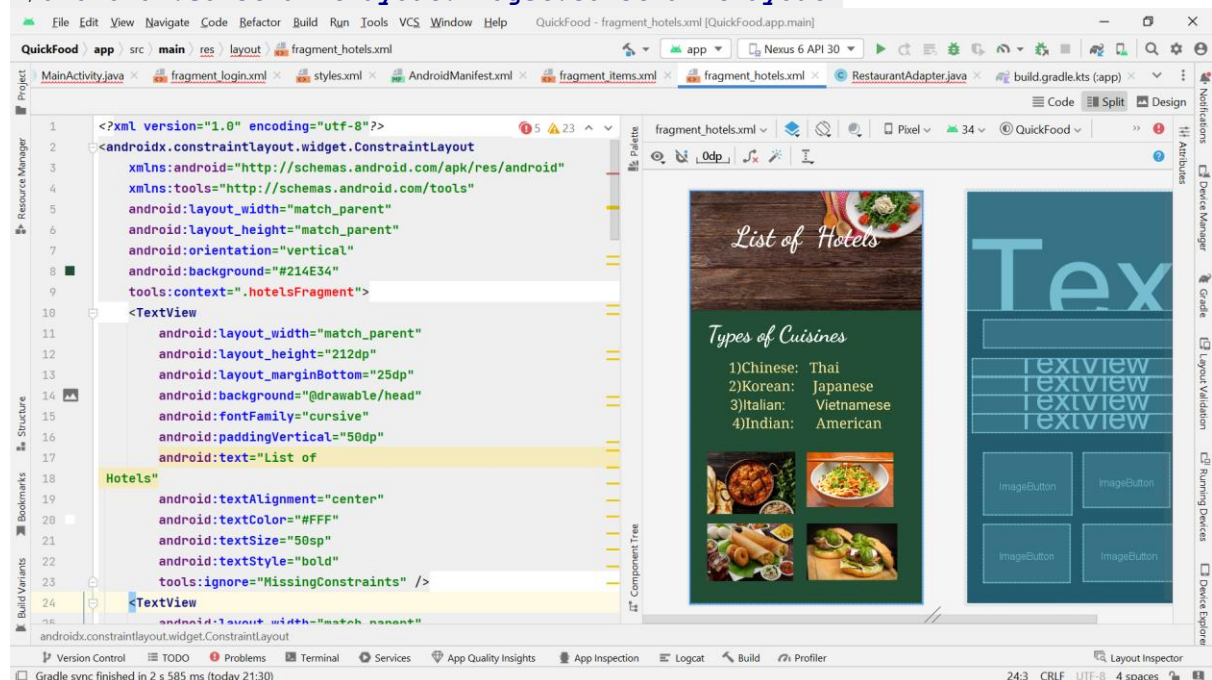
<ImageButton
    android:layout_width="157dp"
    android:layout_height="110dp"
    android:background="@drawable/food1"
    android:clickable="true"
    tools:ignore="MissingConstraints"
    tools:layout_editor_absoluteX="30dp"
    tools:layout_editor_absoluteY="463dp" />

<ImageButton
    android:layout_width="154dp"
    android:layout_height="97dp"
    android:background="@drawable/food5"
    android:clickable="true"
    tools:layout_editor_absoluteX="207dp"
    tools:layout_editor_absoluteY="464dp"
    tools:ignore="MissingConstraints" />

<ImageButton
    android:layout_width="153dp"
    android:layout_height="103dp"
    android:background="@drawable/food2"
    android:clickable="true"
    tools:layout_editor_absoluteX="30dp"
    tools:layout_editor_absoluteY="590dp"
    tools:ignore="MissingConstraints" />

<ImageButton
    android:layout_width="161dp"
    android:layout_height="101dp"
    android:background="@drawable/food4"
    android:clickable="true"
    tools:layout_editor_absoluteX="207dp"
    tools:layout_editor_absoluteY="590dp"
    tools:ignore="MissingConstraints" />
</androidx.constraintlayout.widget.ConstraintLayout>

```



Food_items code

```

<?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=".itemsFragment"
android:id="@+id/root_home"
android:background="#C4AD9D">
<RelativeLayout
    android:id="@+id/relativeLayout"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:orientation="vertical"
    tools:ignore="MissingConstraints">
    <androidx.constraintlayout.widget.ConstraintLayout
        android:id="@+id/constraint"
        android:layout_width="match_parent"
        android:layout_height="match_parent">
        <LinearLayout
            android:id="@+id/header"
            android:layout_width="193dp"
            android:layout_height="57dp"
            android:layout_marginVertical="30dp"
            android:orientation="horizontal"
            tools:ignore="MissingConstraints">
            <TextView
                android:id="@+id/tv_home"
                android:layout_width="wrap_content"
                android:layout_height="match_parent"
                android:fontFamily="casual"
                android:paddingLeft="15dp"
                android:paddingTop="20dp"
                android:text="List of Food Items"
                android:textColor="#000"
                android:textSize="25sp"
                android:textStyle="bold" />
            </LinearLayout>
            <TextView
                android:id="@+id/tv_would_like_to_eat"
                android:layout_width="wrap_content"
                android:layout_height="wrap_content"
                android:layout_marginStart="24dp"
                android:layout_marginTop="4dp"
                android:fontFamily="casual"
                android:paddingLeft="20dp"
                android:text="What would you like to eat"
                android:textColor="@color/black"
                android:textSize="25sp"
                android:textStyle="bold"
                app:layout_constraintStart_toStartOf="@+id/header"
                app:layout_constraintTop_toBottomOf="@id/header" />
            <androidx.cardview.widget.CardView
                android:id="@+id/random_meal"
                android:layout_width="match_parent"
                android:layout_height="200dp"
                android:layout_marginStart="25dp"
                android:layout_marginTop="10dp"
                android:layout_marginEnd="25dp"
                android:elevation="2dp"
                app:cardCornerRadius="10dp"
                app:cardUseCompatPadding="true"
                app:layout_constraintStart_toStartOf="parent"

```

```

app:layout_constraintTop_toBottomOf="@id/tv_would_like_to_eat">
    <ImageView
        android:id="@+id/img_random_meal"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:scaleType="centerCrop"
        android:src="@drawable/mealtest" />
    </androidx.cardview.widget.CardView>
    <TextView
        android:id="@+id/tv_over_pup_items"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_marginStart="24dp"
        android:layout_marginTop="12dp"
        android:fontFamily="casual"
        android:text="popular items"
        android:textColor="@color/black"
        android:textSize="30sp"
        android:textStyle="bold"
        app:layout_constraintStart_toStartOf="parent"
        app:layout_constraintTop_toBottomOf="@id/random_meal" />
    <TextView
        android:layout_width="124dp"
        android:layout_height="37dp"
        android:fontFamily="cursive"
        android:text="Masala Dosa"
        android:textSize="23dp"
        android:textStyle="bold"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="70dp"
        tools:layout_editor_absoluteY="360dp" />
    <TextView
        android:layout_width="109dp"
        android:layout_height="35dp"
        android:fontFamily="cursive"
        android:text="Bibimbap"
        android:textSize="23dp"
        android:textStyle="bold"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="217dp"
        tools:layout_editor_absoluteY="408dp" />
    <TextView
        android:id="@+id/txt"
        android:layout_width="124dp"
        android:layout_height="33dp"
        android:fontFamily="cursive"
        android:text="Lasagna"
        android:textSize="23dp"
        android:textStyle="bold"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="70dp"
        tools:layout_editor_absoluteY="410dp" />
    <TextView
        android:layout_width="114dp"
        android:layout_height="42dp"
        android:fontFamily="cursive"
        android:text="Acai Bowl"
        android:textSize="23dp"
        android:textStyle="bold"

```



```

        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="212dp"
        tools:layout_editor_absoluteY="360dp" />
    <TextView
        android:id="@+id/tv_category"
        android:layout_width="106dp"
        android:layout_height="45dp"
        android:fontFamily="casual"
        android:text="category"
        android:textColor="#000"
        android:textSize="25sp"
        android:textStyle="bold"
        tools:layout_editor_absoluteX="16dp"
        tools:layout_editor_absoluteY="461dp" />
    <ImageButton
        android:id="@+id/starter"
        android:layout_width="147dp"
        android:layout_height="87dp"
        android:background="@drawable/starters"
        android:clickable="true"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="36dp"
        tools:layout_editor_absoluteY="506dp" />
    <ImageButton
        android:layout_width="147dp"
        android:layout_height="87dp"
        android:background="@drawable/maincourse"
        android:clickable="true"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="212dp"
        tools:layout_editor_absoluteY="506dp" />
    <ImageButton
        android:layout_width="147dp"
        android:layout_height="87dp"
        android:background="@drawable/des"
        android:clickable="true"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="36dp"
        tools:layout_editor_absoluteY="608dp" />
    <ImageButton
        android:layout_width="147dp"
        android:layout_height="87dp"
        android:background="@drawable/bev"
        android:clickable="true"
        tools:ignore="MissingConstraints"
        tools:layout_editor_absoluteX="212dp"
        tools:layout_editor_absoluteY="608dp" />
</androidx.constraintlayout.widget.ConstraintLayout>
</RelativeLayout>
</androidx.constraintlayout.widget.ConstraintLayout>

```

Activity_main.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:orientation="vertical"
        tools:context=".MainActivity">
        <fragment
            android:id="@+id/host_fragment"
            android:layout_width="0dp"
            android:layout_height="0dp"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintTop_toTopOf="parent"
            app:layout_constraintBottom_toTopOf="@id/btm_nav"
            app:navGraph="@navigation/nav_graph"
            android:name="androidx.navigation.fragment.NavHostFragment"/>
        <com.google.android.material.bottomnavigation.BottomNavigationView
            android:id="@+id/btm_nav"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            app:layout_constraintStart_toStartOf="parent"
            app:layout_constraintEnd_toEndOf="parent"
            app:layout_constraintBottom_toBottomOf="parent"
            app:menu="@menu/btm_mnu"/>
    </androidx.constraintlayout.widget.ConstraintLayout>

```

MainActivity.java:

```

package com.example.quickfood;

import androidx.appcompat.app.AppCompatActivity;
import android.os.Bundle;
import androidx.navigation.Navigation;
import androidx.navigation.ui.NavigationUI;
import com.google.android.material.bottomnavigation.BottomNavigationView;
class MainActivity : AppCompatActivity() {
    override fun onCreate(savedInstanceState: Bundle?) {
        super.onCreate(savedInstanceState)
        setContentView(R.layout.activity_main)
        val bottomNavigation =
            findViewById<BottomNavigationView>(R.id.btm_nav)
        val navController =
            Navigation.findNavController(this, R.id.host_fragment)
        NavigationUI.setupWithNavController(bottomNavigation, navController)
    }
}

```

Build gradle(Module:app).xml:

```

plugins {
    id("com.android.application")
    id("org.jetbrains.kotlin.android")
}
android {
    namespace = "com.example.quickfood"
    compileSdk = 33
    defaultConfig {
        applicationId = "com.example.quickfood"
        minSdk = 24
        targetSdk = 33
        versionCode = 1
        versionName = "1.0"
        testInstrumentationRunner =
            "androidx.test.runner.AndroidJUnitRunner"
    }
}

```



```

    }
    buildTypes {
        release {
            isMinifyEnabled = false
            proguardFiles(
                getDefaultProguardFile("proguard-android-optimize.txt"),
                "proguard-rules.pro"
            )
        }
    }
    compileOptions {
        sourceCompatibility = JavaVersion.VERSION_1_8
        targetCompatibility = JavaVersion.VERSION_1_8
    }
    kotlinOptions {
        jvmTarget = "1.8"
    }
    buildFeatures {
        viewBinding = true
    }
}
dependencies {
    implementation("androidx.annotation:annotation:1.6.0")
    implementation("androidx.lifecycle:lifecycle-livedata-ktx:2.6.2")
    implementation("androidx.lifecycle:lifecycle-viewmodel-ktx:2.6.2")
    val nav_version = "2.7.3"
    implementation("androidx.core:core-ktx:1.9.0")
    implementation("androidx.appcompat:appcompat:1.6.1")
    implementation("com.google.android.material:material:1.9.0")
    implementation("androidx.constraintlayout:constraintlayout:2.1.4")
    testImplementation("junit:junit:4.13.2")
    androidTestImplementation("androidx.test.ext:junit:1.1.5")
    androidTestImplementation("androidx.test.espresso:espresso-core:3.5.1")
    // navigation component
    implementation("androidx.navigation:navigation-fragment-ktx:$nav_version")
    implementation("androidx.navigation:navigation-ui-ktx:$nav_version")
    //intuit
    implementation("com.intuit.sdp:sdp-android:1.0.6")
    implementation("com.intuit.ssp:ssp-android:1.0.6")
    //gif
    implementation("pl.droidsonroids.gif:android-gif-drawable:1.2.17")
}

```