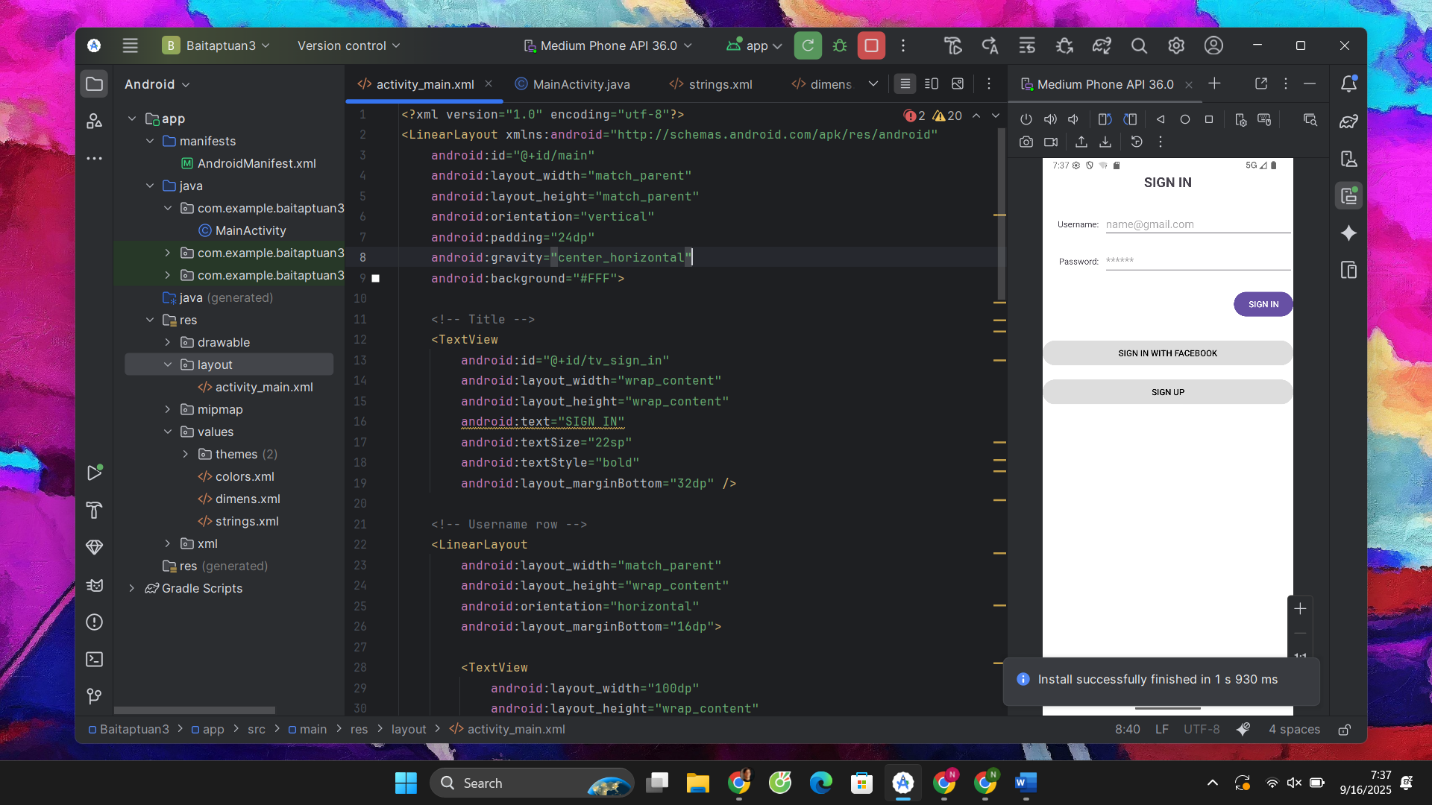
RelativeLayout



**Nội dung file string.xml**

<resources>  
 <string name="app\_name">Lab01\_2c</string>  
 <string name="sign\_in">Sign in</string>  
 <string name="username">Username: </string>  
 <string name="password">Password: </string>  
 <string name="signup">Sign up</string>  
</resources>

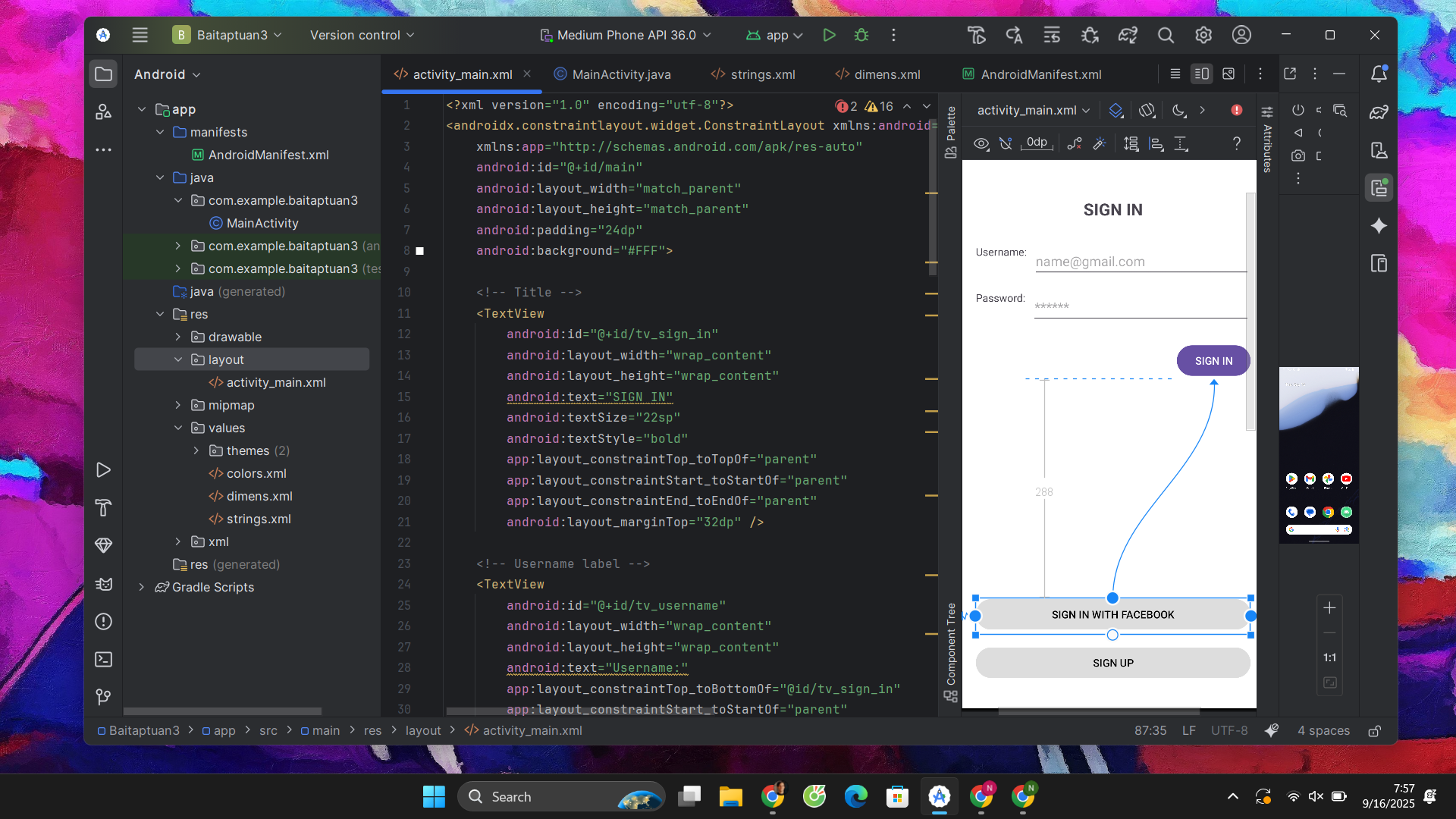
**Nội dung file dimens.xml**

<resources>  
 <!-- Default screen margins, per the Android Design guidelines. -->  
 <dimen name="activity\_horizontal\_margin">16dp</dimen>  
 <dimen name="activity\_vertical\_margin">16dp</dimen>  
 <dimen name="margin\_base">5dp</dimen>  
 <dimen name="margin\_basex2">10dp</dimen>  
 <dimen name="margin\_basex3">15dp</dimen>  
 <dimen name="margin\_basex4">20dp</dimen>  
 <dimen name="text\_small">16sp</dimen>  
 <dimen name="text\_medium">18sp</dimen>  
 <dimen name="text\_large">20sp</dimen>  
</resources>

**Nội dung file activity\_main.xml**

<?xml version="1.0" encoding="utf-8"?>  
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"  
 android:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:orientation="vertical"  
 android:padding="24dp"  
 android:gravity="center\_horizontal"  
 android:background="#FFF">  
  
 <!-- Title -->  
 <TextView  
 android:id="@+id/tv\_sign\_in"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SIGN IN"  
 android:textSize="22sp"  
 android:textStyle="bold"  
 android:layout\_marginBottom="32dp" />  
  
 <!-- Username row -->  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_marginBottom="16dp">  
  
 <TextView  
 android:layout\_width="100dp"  
 android:layout\_height="wrap\_content"  
 android:text="Username:"  
 android:gravity="end"  
 android:layout\_gravity="center\_vertical"  
 android:paddingRight="8dp" />  
  
 <EditText  
 android:id="@+id/et\_username"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:hint="name@gmail.com"  
 android:inputType="textEmailAddress" />  
 </LinearLayout>  
  
 <!-- Password row -->  
 <LinearLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:orientation="horizontal"  
 android:layout\_marginBottom="24dp">  
  
 <TextView  
 android:layout\_width="100dp"  
 android:layout\_height="wrap\_content"  
 android:text="Password:"  
 android:gravity="end"  
 android:layout\_gravity="center\_vertical"  
 android:paddingRight="8dp" />  
  
 <EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_weight="1"  
 android:hint="\*\*\*\*\*\*"  
 android:inputType="textPassword" />  
 </LinearLayout>  
  
 <!-- Sign In Button -->  
 <Button  
 android:id="@+id/btn\_sign\_in"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SIGN IN"  
 android:layout\_gravity="end"  
 android:layout\_marginBottom="32dp" />  
  
 <!-- Extra buttons -->  
 <Button  
 android:id="@+id/btn\_sign\_in\_facebook"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:text="SIGN IN WITH FACEBOOK"  
 android:backgroundTint="#DDDDDD"  
 android:textColor="@android:color/black"  
 android:layout\_marginBottom="16dp" />  
  
 <Button  
 android:id="@+id/btn\_sign\_up"  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content"  
 android:backgroundTint="#DDDDDD"  
 android:text="SIGN UP"  
 android:textColor="@android:color/black" />  
  
</LinearLayout>

ContraintLayout



**Nội dung file 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"  
 android:id="@+id/main"  
 android:layout\_width="match\_parent"  
 android:layout\_height="match\_parent"  
 android:padding="24dp"  
 android:background="#FFF">  
  
 <!-- Title -->  
 <TextView  
 android:id="@+id/tv\_sign\_in"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SIGN IN"  
 android:textSize="22sp"  
 android:textStyle="bold"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:layout\_marginTop="32dp" />  
  
 <!-- Username label -->  
 <TextView  
 android:id="@+id/tv\_username"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Username:"  
 app:layout\_constraintTop\_toBottomOf="@id/tv\_sign\_in"  
 app:layout\_constraintStart\_toStartOf="parent"  
 android:layout\_marginTop="32dp" />  
  
 <!-- Username input -->  
 <EditText  
 android:id="@+id/et\_username"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:hint="name@gmail.com"  
 android:inputType="textEmailAddress"  
 app:layout\_constraintStart\_toEndOf="@id/tv\_username"  
 app:layout\_constraintTop\_toTopOf="@id/tv\_username"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:layout\_marginStart="8dp" />  
  
 <!-- Password label -->  
 <TextView  
 android:id="@+id/tv\_password"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="Password:"  
 app:layout\_constraintTop\_toBottomOf="@id/et\_username"  
 app:layout\_constraintStart\_toStartOf="parent"  
 android:layout\_marginTop="16dp" />  
  
 <!-- Password input -->  
 <EditText  
 android:id="@+id/et\_password"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:hint="\*\*\*\*\*\*"  
 android:inputType="textPassword"  
 app:layout\_constraintStart\_toEndOf="@id/tv\_password"  
 app:layout\_constraintTop\_toTopOf="@id/tv\_password"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:layout\_marginStart="8dp" />  
  
 <!-- Sign In button -->  
 <Button  
 android:id="@+id/btn\_sign\_in"  
 android:layout\_width="wrap\_content"  
 android:layout\_height="wrap\_content"  
 android:text="SIGN IN"  
 app:layout\_constraintTop\_toBottomOf="@id/et\_password"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:layout\_marginTop="24dp" />  
  
 <!-- Facebook button -->  
  
 <!-- Sign Up button -->  
  
 <Button  
 android:id="@+id/btn\_sign\_in\_facebook"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:layout\_marginTop="288dp"  
 android:backgroundTint="#DDDDDD"  
 android:text="SIGN IN WITH FACEBOOK"  
 android:textColor="@android:color/black"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintHorizontal\_bias="0.0"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/btn\_sign\_in" />  
  
 <Button  
 android:id="@+id/btn\_sign\_up"  
 android:layout\_width="0dp"  
 android:layout\_height="wrap\_content"  
 android:text="SIGN UP"  
 android:backgroundTint="#DDDDDD"  
 android:textColor="@android:color/black"  
 app:layout\_constraintTop\_toBottomOf="@id/btn\_sign\_in\_facebook"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 android:layout\_marginTop="16dp" />  
  
</androidx.constraintlayout.widget.ConstraintLayout>