

Code 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"

tools:context=".MainActivity">

<TextView

android:id="@+id/tv\_sign\_in"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/sign\_in"

android:textSize="20sp"

android:textStyle="bold"

app:layout\_constraintTop\_toTopOf="parent"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginTop="24dp"/>

<TextView

android:id="@+id/tv\_user\_name"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/username"

app:layout\_constraintTop\_toBottomOf="@id/tv\_sign\_in"

app:layout\_constraintStart\_toStartOf="parent"

android:layout\_marginStart="16dp"

android:layout\_marginTop="24dp"/>

<EditText

android:id="@+id/et\_user\_name"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:hint="@string/hint\_email"

app:layout\_constraintTop\_toTopOf="@id/tv\_user\_name"

app:layout\_constraintStart\_toEndOf="@id/tv\_user\_name"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginStart="8dp"

android:layout\_marginEnd="16dp"/>

<TextView

android:id="@+id/tv\_password"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/password"

app:layout\_constraintTop\_toBottomOf="@id/tv\_user\_name"

app:layout\_constraintStart\_toStartOf="parent"

android:layout\_marginStart="16dp"

android:layout\_marginTop="24dp"/>

<EditText

android:id="@+id/et\_password"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:hint="@string/hint\_password"

android:inputType="textPassword"

app:layout\_constraintTop\_toTopOf="@id/tv\_password"

app:layout\_constraintStart\_toEndOf="@id/tv\_password"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginStart="8dp"

android:layout\_marginEnd="16dp"/>

<Button

android:id="@+id/btn\_sign\_in"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/btn\_sign\_in"

app:layout\_constraintTop\_toBottomOf="@id/et\_password"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginTop="24dp"

android:layout\_marginEnd="16dp"/>

<Button

android:id="@+id/btn\_sign\_in\_fb"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:text="@string/btn\_sign\_in\_fb"

app:layout\_constraintTop\_toBottomOf="@id/btn\_sign\_in"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginTop="24dp"

android:layout\_marginStart="16dp"

android:layout\_marginEnd="16dp"/>

<Button

android:id="@+id/btn\_sign\_up"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:text="@string/btn\_sign\_up"

app:layout\_constraintTop\_toBottomOf="@id/btn\_sign\_in\_fb"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

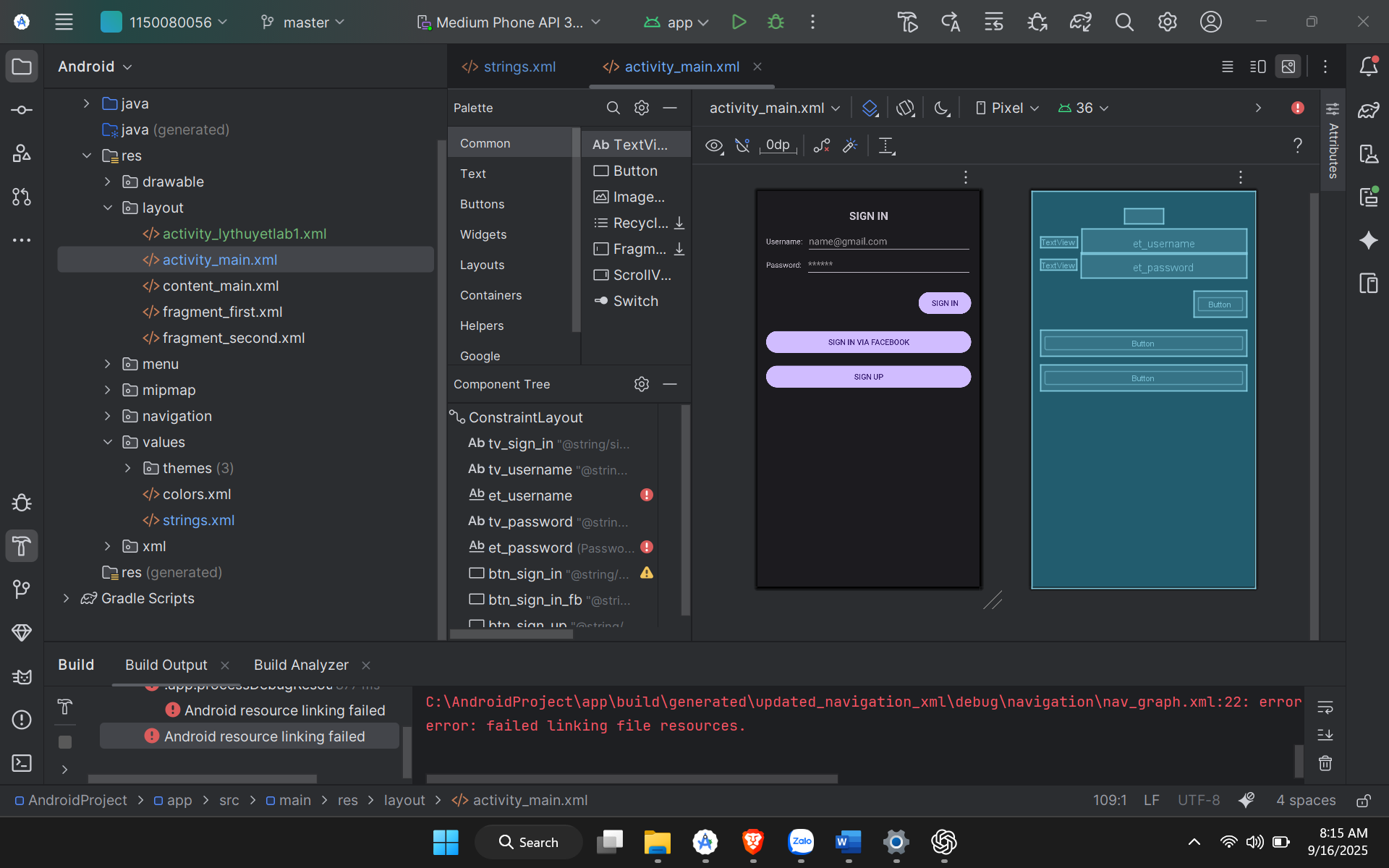
android:layout\_marginTop="16dp"

android:layout\_marginStart="16dp"

android:layout\_marginEnd="16dp"/>

</androidx.constraintlayout.widget.ConstraintLayout>

2. Làm Bằng ContraintLayout



<?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=".MainActivity">

<!-- Tiêu đề -->

<TextView

android:id="@+id/tv\_sign\_in"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/sign\_in"

android:textSize="20sp"

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="@string/username"

app:layout\_constraintTop\_toBottomOf="@id/tv\_sign\_in"

app:layout\_constraintStart\_toStartOf="parent"

android:layout\_marginTop="24dp"

android:layout\_marginStart="16dp"/>

<!-- Username input -->

<EditText

android:id="@+id/et\_username"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:hint="@string/hint\_email"

app:layout\_constraintTop\_toTopOf="@id/tv\_username"

app:layout\_constraintBottom\_toBottomOf="@id/tv\_username"

app:layout\_constraintStart\_toEndOf="@id/tv\_username"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginStart="8dp"

android:layout\_marginEnd="16dp"/>

<!-- Password label -->

<TextView

android:id="@+id/tv\_password"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/password"

app:layout\_constraintTop\_toBottomOf="@id/tv\_username"

app:layout\_constraintStart\_toStartOf="parent"

android:layout\_marginTop="24dp"

android:layout\_marginStart="16dp"/>

<!-- Password input -->

<EditText

android:id="@+id/et\_password"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:hint="@string/hint\_password"

android:inputType="textPassword"

app:layout\_constraintTop\_toTopOf="@id/tv\_password"

app:layout\_constraintBottom\_toBottomOf="@id/tv\_password"

app:layout\_constraintStart\_toEndOf="@id/tv\_password"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginStart="8dp"

android:layout\_marginEnd="16dp"/>

<!-- Sign In Button -->

<Button

android:id="@+id/btn\_sign\_in"

android:layout\_width="wrap\_content"

android:layout\_height="wrap\_content"

android:text="@string/btn\_sign\_in"

app:layout\_constraintTop\_toBottomOf="@id/et\_password"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginTop="24dp"

android:layout\_marginEnd="16dp"/>

<!-- Sign In via Facebook Button -->

<Button

android:id="@+id/btn\_sign\_in\_fb"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:text="@string/btn\_sign\_in\_fb"

app:layout\_constraintTop\_toBottomOf="@id/btn\_sign\_in"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginTop="24dp"

android:layout\_marginStart="16dp"

android:layout\_marginEnd="16dp"/>

<!-- Sign Up Button -->

<Button

android:id="@+id/btn\_sign\_up"

android:layout\_width="0dp"

android:layout\_height="wrap\_content"

android:text="@string/btn\_sign\_up"

app:layout\_constraintTop\_toBottomOf="@id/btn\_sign\_in\_fb"

app:layout\_constraintStart\_toStartOf="parent"

app:layout\_constraintEnd\_toEndOf="parent"

android:layout\_marginTop="16dp"

android:layout\_marginStart="16dp"

android:layout\_marginEnd="16dp"/>

</androidx.constraintlayout.widget.ConstraintLayout>