* **XML CODE :-**
* **Activity\_main.xml**
* <?xml version="1.0" encoding="utf-8"?>  
  <layout xmlns:android="http://schemas.android.com/apk/res/android"  
   xmlns:tools="http://schemas.android.com/tools">  
    
   <data>  
    
   </data>  
    
   <androidx.constraintlayout.widget.ConstraintLayout  
   android:layout\_width="match\_parent"  
   android:layout\_height="match\_parent">  
    
    
   <fragment  
   android:id="@+id/feed\_list\_fragment"  
   android:name="com.nehak.instagramfeed.feedUI.FeedListFragment"  
   android:layout\_width="match\_parent"  
   android:layout\_height="match\_parent"  
   tools:layout="@layout/fragment\_feed\_list" />  
    
    
   </androidx.constraintlayout.widget.ConstraintLayout>  
  </layout>
* **Exo\_simple\_player\_view.xml**
* <?xml version="1.0" encoding="utf-8"?>  
  <merge xmlns:android="http://schemas.android.com/apk/res/android">  
    
   <SurfaceView  
   android:id="@+id/surface\_view"  
   android:layout\_width="match\_parent"  
   android:layout\_height="match\_parent" />  
    
    
  </merge>
* **Fragment\_feed\_list.xml**

<?xml version="1.0" encoding="utf-8"?>  
<layout xmlns:android="http://schemas.android.com/apk/res/android"  
 xmlns:app="http://schemas.android.com/apk/res-auto">  
  
 <data>  
  
 <variable  
 name="adapter"  
 type="com.nehak.instagramfeed.feedUI.adapters.FeedAdapter" />  
  
  
 </data>  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent">  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/recycler\_view"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:clipToPadding="false"  
 android:background="@color/white"  
 android:paddingTop="?attr/actionBarSize"  
 android:orientation="vertical"  
 app:layoutManager="androidx.recyclerview.widget.LinearLayoutManager"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:setAdapter="@{adapter}" />  
  
  
 <androidx.appcompat.widget.Toolbar  
 android:id="@+id/customToolBar"  
 app:theme="@style/ThemeOverlay.AppCompat.Dark.ActionBar"  
 android:layout\_width="match\_parent"  
 android:layout\_height="?attr/actionBarSize"  
 android:titleTextAppearance="@color/white"  
 android:background="@color/purple\_500"  
 app:layout\_constraintLeft\_toLeftOf="parent"  
 app:layout\_constraintRight\_toRightOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:titleTextColor="@color/white"  
 app:title="@string/app\_name" />  
 </androidx.constraintlayout.widget.ConstraintLayout>  
  
</layout>

* **Horizontal\_item\_feed.xml**

<?xml version="1.0" encoding="utf-8"?>  
<layout 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">  
  
 <data />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <ImageView  
 android:id="@+id/feedIcon"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:src="@drawable/dummy\_top\_view"  
 app:layout\_constraintDimensionRatio="680:84"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <ImageView  
 android:id="@+id/feedThumbnailView"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:contentDescription="TODO"  
 app:layout\_constraintDimensionRatio="1080:1346"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/feedIcon"  
 tools:background="@color/teal\_700" />  
  
 <androidx.recyclerview.widget.RecyclerView  
 android:id="@+id/recyclerViewImages"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:clipToPadding="false"  
 android:orientation="horizontal"  
 app:layoutManager="androidx.recyclerview.widget.LinearLayoutManager"  
 app:layout\_constraintBottom\_toBottomOf="@id/feedThumbnailView"  
 app:layout\_constraintEnd\_toEndOf="@id/feedThumbnailView"  
 app:layout\_constraintStart\_toStartOf="@id/feedThumbnailView"  
 app:layout\_constraintTop\_toTopOf="@id/feedThumbnailView"  
 tools:background="@color/purple\_200" />  
  
 <com.google.android.material.tabs.TabLayout  
 android:id="@+id/dots"  
 android:layout\_width="0dp"  
 android:layout\_height="26dp"  
 android:layout\_marginLeft="10dp"  
 android:layout\_marginRight="10dp"  
 app:layout\_constraintTop\_toBottomOf="@id/feedThumbnailView"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 android:paddingTop="5dp"  
 android:paddingBottom="5dp"  
 app:tabBackground="@drawable/dot\_selector"  
 app:tabGravity="center"  
 app:tabIndicatorHeight="0dp"  
 app:tabPaddingEnd="7dp"  
 app:tabPaddingStart="7dp" />  
  
  
 <ImageView  
 android:id="@+id/feedBottomButtons\_dummy"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:src="@drawable/dummy\_bottom\_view"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintDimensionRatio="680:259"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/dots" />  
  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</layout>

* **Image\_item\_single.xml**

<?xml version="1.0" encoding="utf-8"?>  
<layout 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">  
  
 <data />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <ImageView  
 android:id="@+id/imageView"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 tools:background="@color/teal\_700"  
 android:contentDescription="TODO"  
 app:layout\_constraintDimensionRatio="1080:1346"  
 app:layout\_constraintTop\_toTopOf="parent"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent" />  
  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</layout>

* **Item\_feed.xml**

<?xml version="1.0" encoding="utf-8"?>  
<layout 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">  
  
 <data />  
  
 <androidx.constraintlayout.widget.ConstraintLayout  
 android:layout\_width="match\_parent"  
 android:layout\_height="wrap\_content">  
  
 <ImageView  
 android:id="@+id/feedIcon"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:src="@drawable/dummy\_top\_view"  
 app:layout\_constraintDimensionRatio="680:84"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toTopOf="parent" />  
  
 <ImageView  
 android:id="@+id/feedThumbnailView"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 tools:background="@color/teal\_700"  
 android:contentDescription="TODO"  
 app:layout\_constraintDimensionRatio="1:1"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/feedIcon" />  
  
 <com.nehak.instagramfeed.player.InstaLikePlayerView  
 android:id="@+id/feedPlayerView"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 tools:background="@color/purple\_200"  
 app:layout\_constraintBottom\_toBottomOf="@id/feedThumbnailView"  
 app:layout\_constraintEnd\_toEndOf="@id/feedThumbnailView"  
 app:layout\_constraintStart\_toStartOf="@id/feedThumbnailView"  
 app:layout\_constraintTop\_toTopOf="@id/feedThumbnailView" />  
  
  
 <ImageView  
 android:id="@+id/feedBottomButtons\_dummy"  
 android:layout\_width="0dp"  
 android:layout\_height="0dp"  
 android:src="@drawable/dummy\_bottom\_view"  
 app:layout\_constraintBottom\_toBottomOf="parent"  
 app:layout\_constraintDimensionRatio="680:259"  
 app:layout\_constraintEnd\_toEndOf="parent"  
 app:layout\_constraintStart\_toStartOf="parent"  
 app:layout\_constraintTop\_toBottomOf="@id/feedThumbnailView" />  
  
  
 </androidx.constraintlayout.widget.ConstraintLayout>  
</layout>