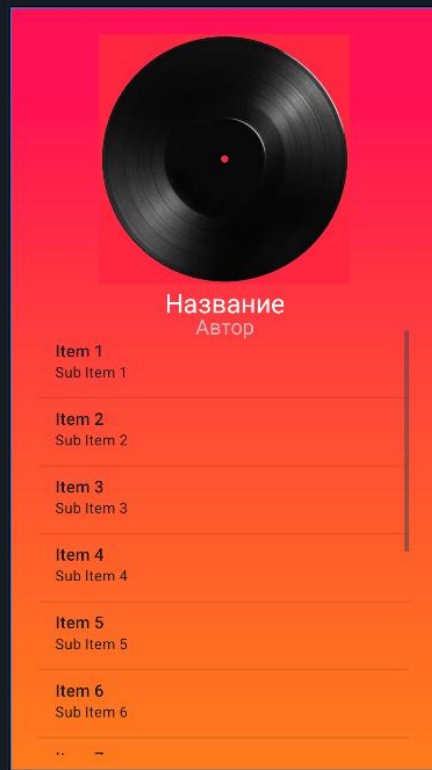# 7. ListView

▪ Создал макет приложения


```
<ListView
    android:id="@+id/lv1"
    android:layout_width="355dp"
    android:layout_height="407dp"
    android:entries="@array/playlist"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.478"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.955" />
```

```
<TextView
    android:id="@+id/tv1"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:text="Название"
    android:textAlignment="center"
    android:textColor="@color/white"
    android:textSize="25sp"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.382" />
```

```
<ImageView
    android:id="@+id/iv1"
    android:layout_width="240dp"
    android:layout_height="240dp"
    android:background="@drawable/default_disc"
    app:layout_constraintBottom_toBottomOf="parent"
    app:layout_constraintEnd_toEndOf="parent"
    app:layout_constraintHorizontal_bias="0.497"
    app:layout_constraintStart_toStartOf="parent"
    app:layout_constraintTop_toTopOf="parent"
    app:layout_constraintVertical_bias="0.052" />
```

▪ Массив - плейлист

```kotlin
val playlist = ArrayList<String>()
playlist.add("Imagine Dragons - Walking The Wire")
playlist.add("Harry Styles - Fine Line")
playlist.add("Coldplay - The Scientist")
playlist.add("Queen - A Winter's Tale")
playlist.add("Rex Orange County - Pluto Projector")
playlist.add("Harry Styles - As It Was")
playlist.add("Gooserworx - Your New Home")
playlist.add("Кино - Красно-жёлтые дни")
playlist.add("ABBA - Lay All Your Love On Me")
playlist.add("Elton John - I'm Still Standing")
playlist.add("LP - Lost On You")
playlist.add("B.J Thomas - raindrops Keep Falling on my Head")
playlist.add("Harry Styles - Lights Up")
playlist.add("Кино - Апрель")
playlist.add("Djo - End of Beginning")
playlist.add("The Weeknd and Ariana Grande - Save Your Tears")
```

▪ При выборе песни должны меняться:
  - Название
  - Автор
  - Обложка

▪ Написал код для ListView в MainActivity. С помощью конструкции when приложение меняет нужные параметры и работает как ожидается. ListView можно листать.

```kotlin
when(selectedItem){
    "Imagine Dragons - Walking The Wire" -> {
        imageView.background = resources.getDrawable(R.drawable.imagine_dragons)
        textView1.text = "Walking The Wire"
        textView2.text = "Imagine Dragons"
    }
    "Harry Styles - Fine Line" -> {
        imageView.background = resources.getDrawable(R.drawable.fine_line)
        textView1.text = "Fine Line"
        textView2.text = "Harry Styles"
    }

    "Coldplay - The Scientist" -> {
        imageView.background = resources.getDrawable(R.drawable.coldplay)
        textView1.text = "The Scientist"
        textView2.text = "Coldplay"
    }

    "Queen - A Winter's Tale" -> {
        imageView.background = resources.getDrawable(R.drawable.made_in_heaven)
```

Итоговый результат:

The Scientist
Coldplay

Imagine Dragons - Walking The Wire

Harry Styles - Fine Line

Coldplay - The Scientist

Queen - A Winter's Tale

Rex Orange County - Pluto Projector

Harry Styles - As It Was

Gooserworx - Your New Home

Кино - Красно-жёлтые дни

A Winter's Tale
Queen

Imagine Dragons - Walking The Wire

Harry Styles - Fine Line

Coldplay - The Scientist
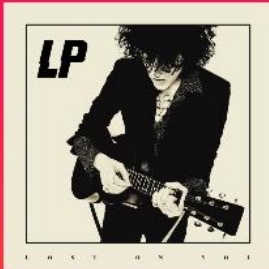
Queen - A Winter's Tale

Rex Orange County - Pluto Projector

Harry Styles - As It Was

Gooserworx - Your New Home

Кино - Красно-жёлтые дни

Lost On You
LP

Кино - Красно-жёлтые дни

ABBA - Lay All Your Love On Me

Elton John - I'm Still Standing

LP - Lost On You

B.J Thomas - raindrops Keep Falling on my Head

Harry Styles - Lights Up

Кино - Апрель

Djo - End of Beginning

The Weeknd and Ariana Grande - Save Your Tears

Fine Line
Harry Styles

Imagine Dragons - Walking The Wire

Harry Styles - Fine Line

Coldplay - The Scientist

Queen - A Winter's Tale

Rex Orange County - Pluto Projector

Harry Styles - As It Was

Gooserworx - Your New Home

Кино - Красно-жёлтые дни