

CIS472/594: Android Programming

Homework 2 – List Activity

Due Date: February 9th, 11:59pm

Your first ListView activity! You are going to become comfortable with ListView Widget.

SUBMISSION INSTRUCTIONS

1. Please submit your whole project as a .zip file on BlackBoard.
2. Demo to me after class or in office hours.

REQUIREMENTS

Version - your app should work for Android 4.0.3 or above (Minimum API 15)

Create one Activity which is either extends ListActivity or uses the widget ListView as the main widget in the XML in the layout file.

- Create a form that mimics the one designed at the AdvancedListView.zip example.
 - You must create your own layout for a row in which **MUST** have **at least** two of the following widgets:
 - ImageView
 - TextView
 - Button
 - CheckBox
 - When an item is clicked, the activity **MUST** respond to the CLICK action. You can be creative about this. The following could be considered:
 - Use WebView widget to display a web page
 - Send a SMS
 - Or something else

Extra Credit

1. At least two rows have two different layouts. (Explained in class)

GRADING

1. The application has only one Activity which extends ListActivity or uses the ListView widget. (10 points)
2. Using a customized layout for each row on the ListView. (30 points)
3. Recycle row views to enhance performance (10 points)

4. Use ViewHolder class to improve performance (10 points)
5. Each row MUST have at least 2 widgets (20 points)
6. Each row MUST respond to onItemClick event. (20 points)