

**Lab 6 – ToDo Manager**  
**Programming the Android Platform**

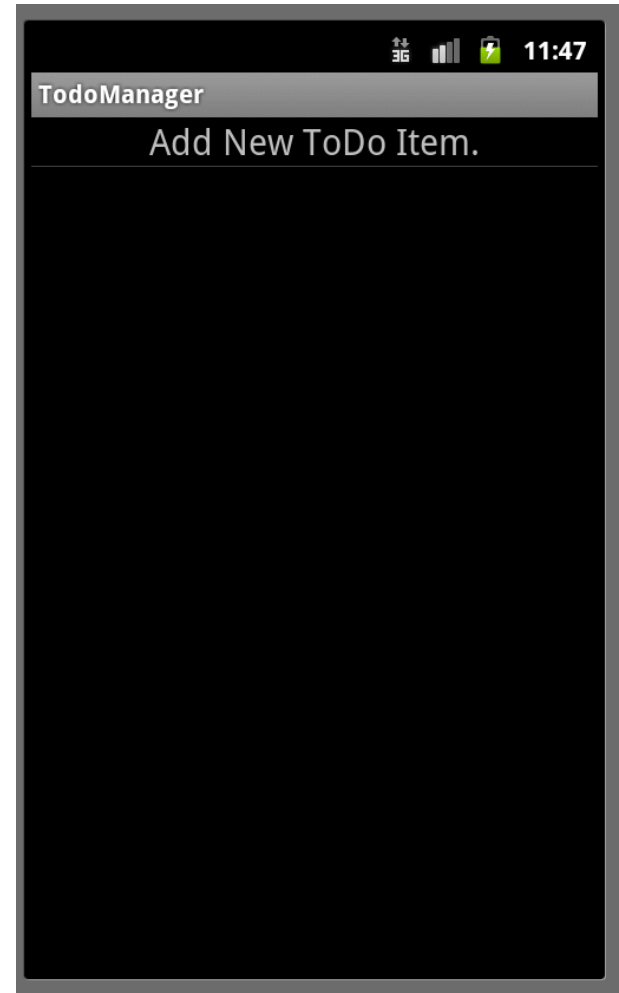


# Open Todo Manager

Create a ListView showing existing Todo Items

Start with empty list or create some dummy Todo items

Create special footer that allows user to add new Todo Items



# Click “Add New Todo Item.”

Open new Activity to create a new Todo item

Data

Title

Status - Done or Not Done

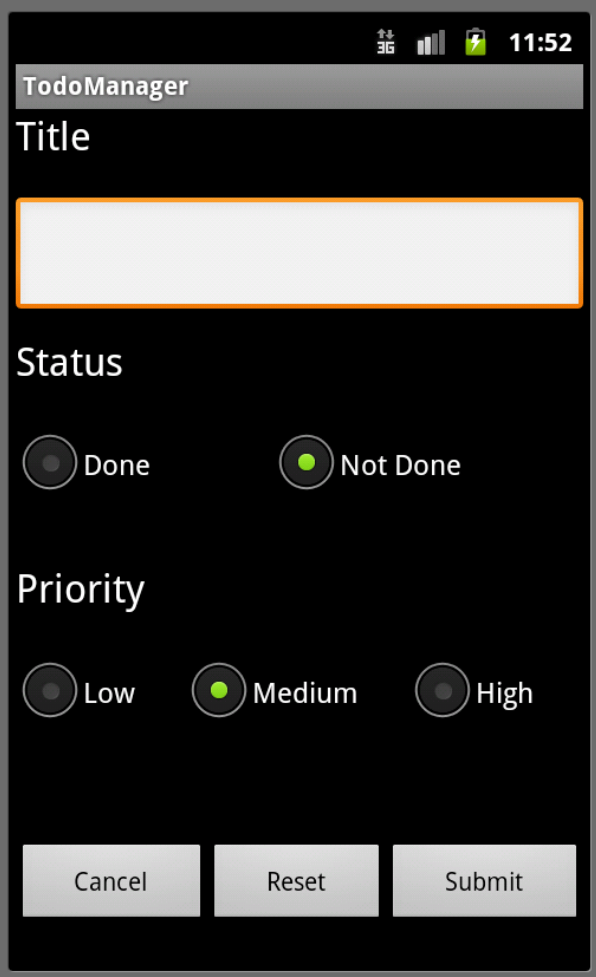
Priority - Low, Medium or High

Include buttons

Cancel - finish Activity without creating new Todo item

Reset - reset data to default values

Submit - save new Todo item & return to main Activity

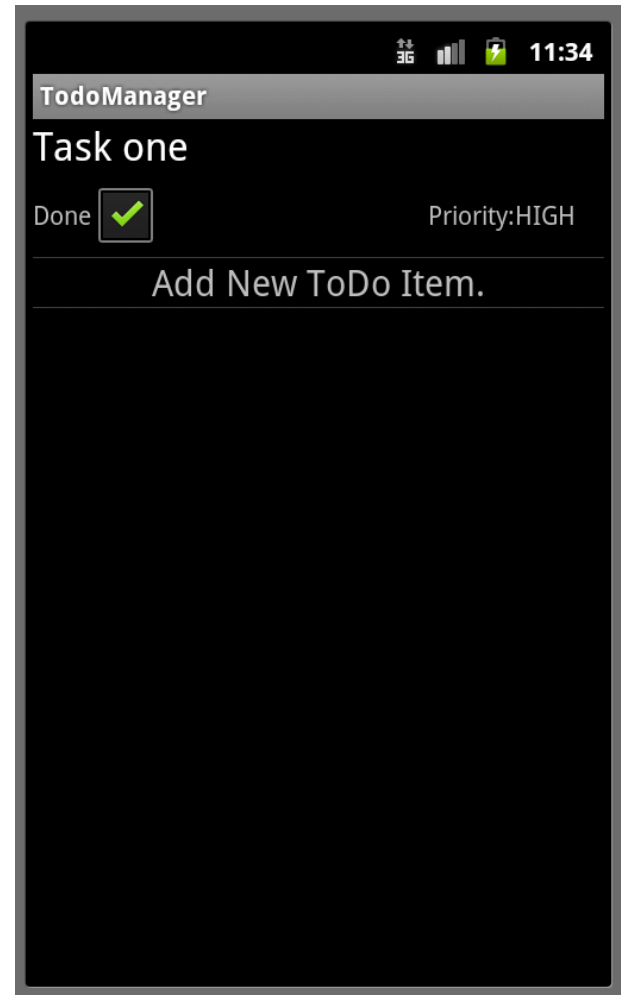


The screenshot shows a mobile application interface for adding a new todo item. At the top, the status bar displays '3G', signal strength, battery, and the time '11:52'. Below the status bar is a title bar labeled 'TodoManager'. The main content area is titled 'Title' and features a large, empty text input field with an orange border. Below the input field, the 'Status' section contains two radio buttons: 'Done' (unselected) and 'Not Done' (selected). The 'Priority' section contains three radio buttons: 'Low' (unselected), 'Medium' (selected), and 'High' (unselected). At the bottom of the form, there are three buttons: 'Cancel', 'Reset', and 'Submit'.

# Click “Submit”

Return to main  
Activity

Update ListView so it  
included new Todo  
Item



# Tutorials

There are several tutorials online on adding items to a ListView

See for example

<http://www.softwarepassion.com/android-series-custom-listview-items-and-adapters/>