

Multi Activity App

In this application, there are 6 java classes and 5 xml layouts. This application presents the *List of CEOs* and their information with images.

Java Classes

1. MainActivity
2. Person
3. timDetails
4. sundarDetails
5. satyaDetails
6. moreInfo

XML Layouts

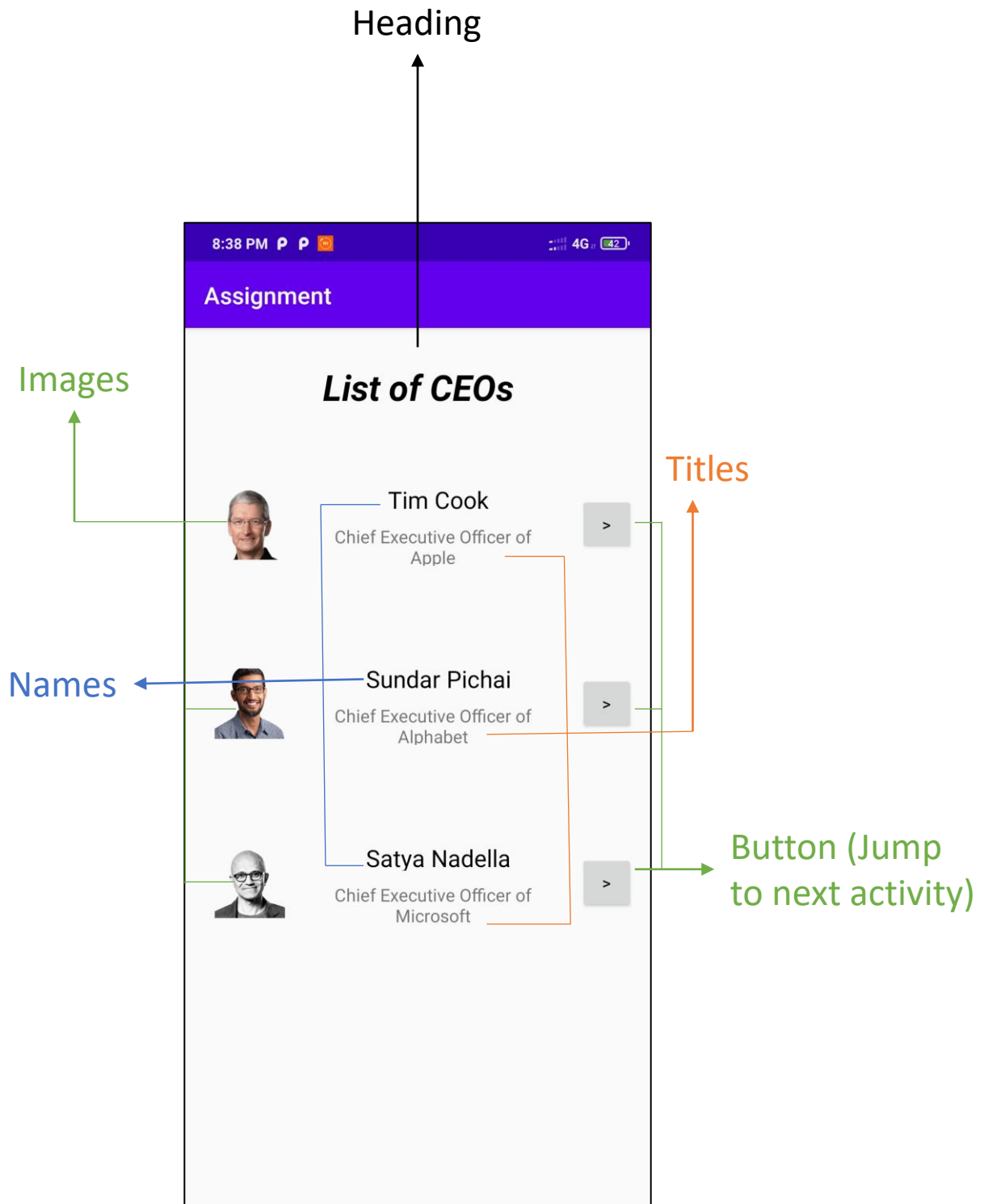
1. activity_main.xml
2. tim_details.xml
3. sundar_details.xml
4. satya_details.xml
5. more_info.xml

MainActivity class is the main class which contains the data creation.

This data creation includes creating "Name", "Title", "Address", "Phone", "Image" and "url". This class also handles the first activity_main.xml file by setting and populating the widgets and images.

This class also handles the button event for each selection of the list.

activity_main.xml layout contains the layout for *Lists of CEOs*. This list is arranged in the vertical layout with 3 horizontal layouts after the heading. These horizontal layout contains the image, name, title and a button to jump to the next activity.

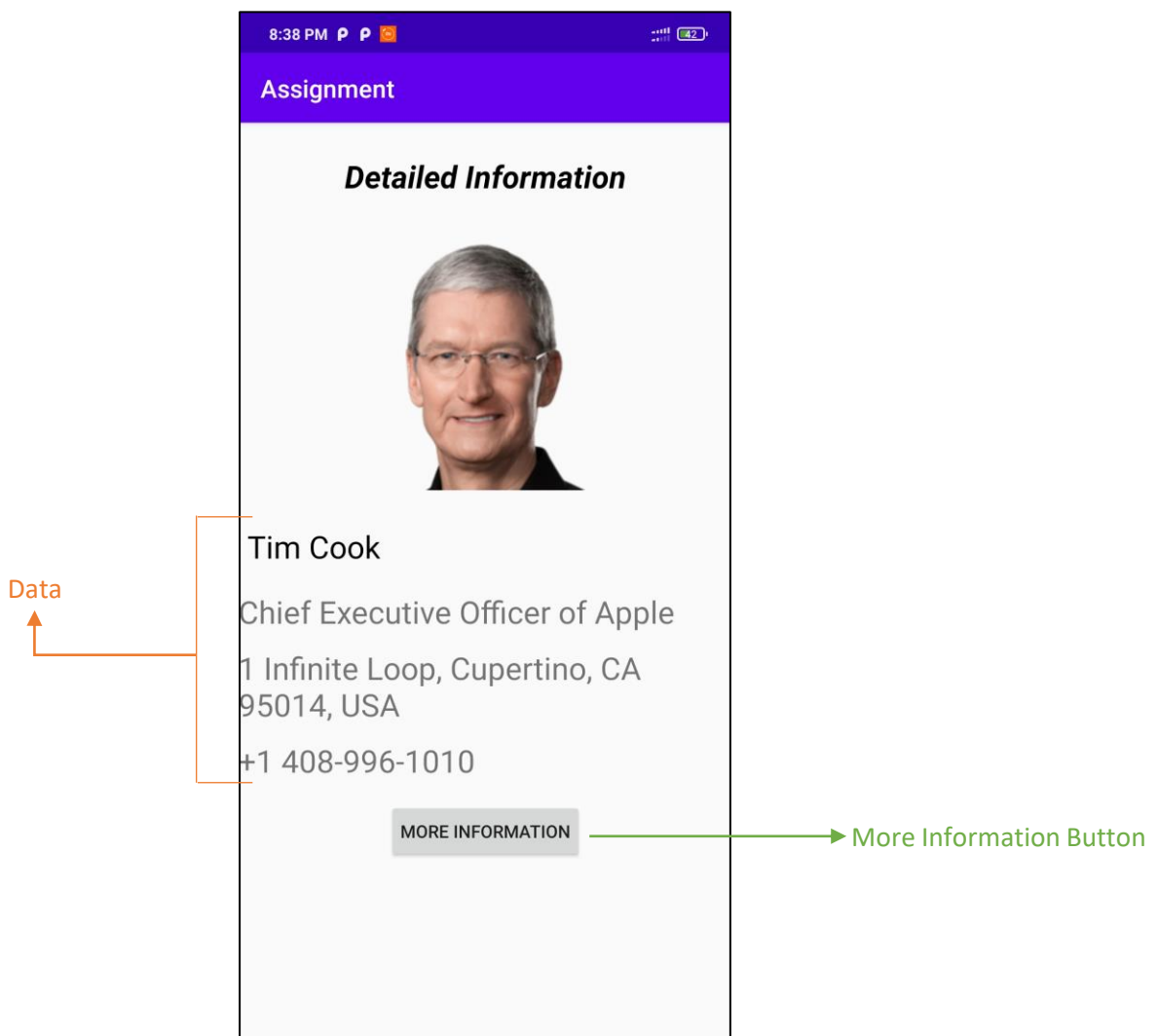


timDetails, **sundarDetails** and **satyaDetails** classes contains the simple details including image and some text.

These details are arranged through xml layouts which are **tim_details.xml**, **sundar_details.xml** and **satya_details.xml** respectively for each of the classes.

The layout also has an *More Information* button right below the details which takes you to the *more information* activity.

The data in these text fields are populate by the data created in the **MainActivity** class.




8:39 PM P P

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Assignment

Detailed Information



Sundar Pichai

Chief Executive Officer of Alphabet

1600 Amphitheatre Parkway,
Mountain View, CA 94043

+1 650-253-0000

MORE INFORMATION

8:39 PM P P

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Assignment

Detailed Information



Satya Nadella

Chief Executive Officer of Microsoft

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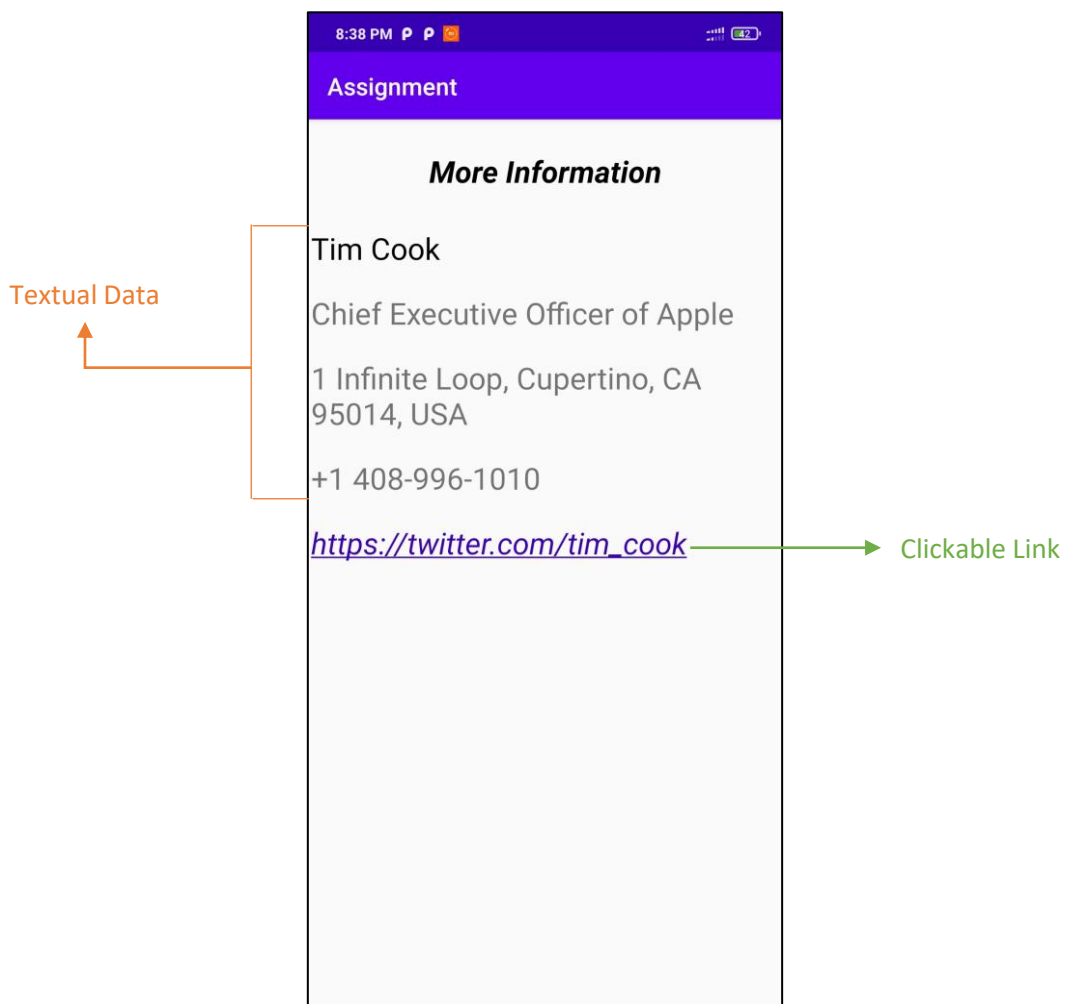
MORE INFORMATION





After clicking the *More Information* button, you are redirected to new activity called **moreInfo**. This java class handles the textual details of the subject. It follows the layout of **more_info.xml**.

The last data is of the clickable link for the twitter accounts of the subjects. You can click the blue colored text (*url*) to visit the twitter account page of the subject.

The *WebView* open the in application itself. We need not open it in the browser.

The `setWebViewClient` method is used to set the *webview* within the application. This is included in the **moreInfo** class.



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Assignment

More Information

Sundar Pichai

Chief Executive Officer of Alphabet

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+1 650-253-0000

<https://twitter.com/sundarpichai>

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Assignment

More Information

Satya Nadella

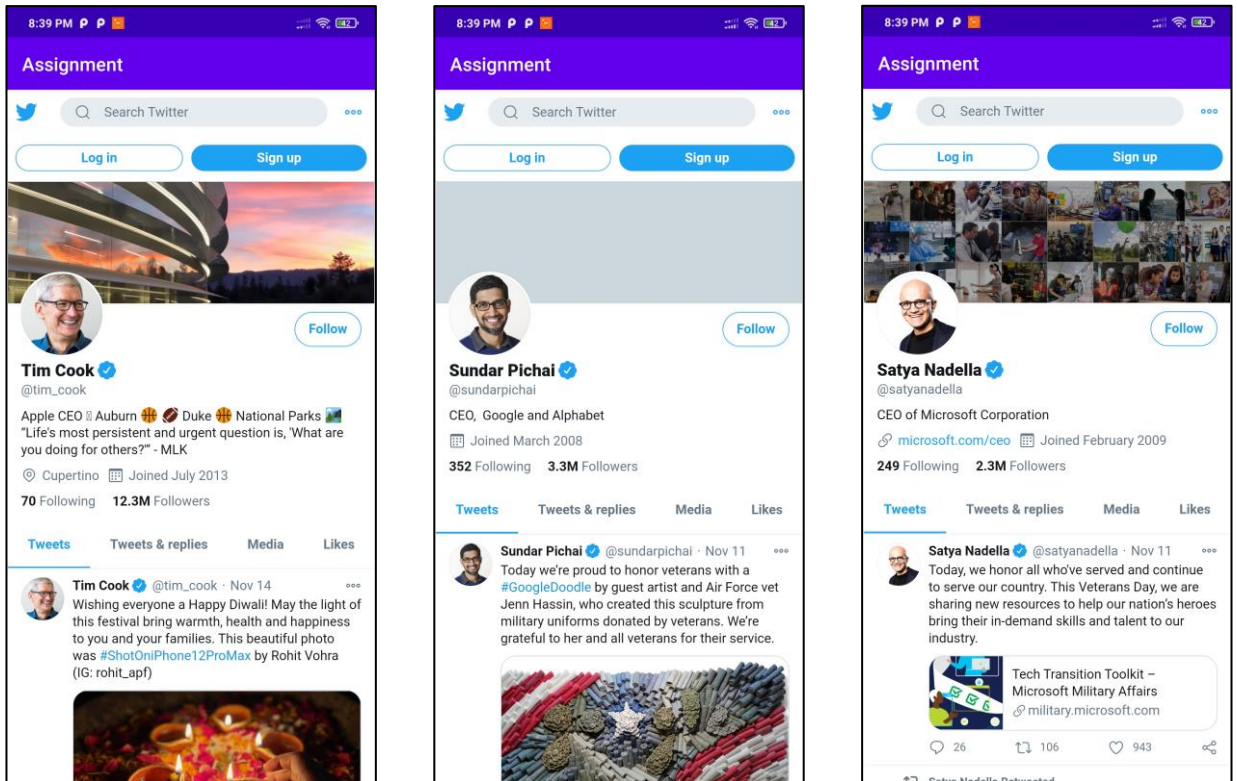
Chief Executive Officer of
Microsoft

Microsoft Corporation, One
Microsoft Way, Redmond, WA
98052-6399, USA.

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<https://twitter.com/satyanadella>

After clicking the *url*, you can open the twitter account page in the application itself.



The **Person** class contains the Serializable implementation for the data. The data is in the String format.

```
String name, title, address, phone, image, url;
```

The application fulfills the following elements:

- User classes to deal with Data.
- The data is store in an xml file.
- The customized list with icons, names and one subtitle.
- Nice and coherent design

Minimum SDK
API 23: Android 6.0 (Marshmallow)

Follow the path for .apk
Assignment\app\build\outputs\apk\debug