**Application Conventions**

1. The application integrates Gradle, if you don’t understand the file/folder layout I suggest going to the Android Gradle project structure that is defined on the [Android Gradle plugin user guide](http://tools.android.com/tech-docs/new-build-system/user-guide" \l "TOC-Project-Structure).
2. **Never ignore exceptions, ever.**
3. **Fully qualify any needed imports ie import foo.Bar;** is good, **import foo.\*;** is bad
4. Fields should be defined at the **top of the file**

Example:

public class MyClass {

public static final int SOME\_CONSTANT = 42;

public int publicField;

private static MyClass sSingleton;

int mPackagePrivate;

private int mPrivate;

protected int mProtected;

1. Limit the scope of all variables as much aspossible.Local variables should be declared at the point they are first used
2. Code lines should not exceed 100 characters.
3. Functions should have clear, understandable names ie onButtonClick()
4. COMMENT, COMMENT, COMMENT. So many people will be reading your code, make it very clear what everything does.

**Naming convention for XML files:**

activity\_<ACTIVITY NAME>.xml - for all activities

dialog\_<DIALOG NAME>.xml - for all custom dialogs

row\_<LIST\_NAME>.xml - for custom row for listview

fragment\_<FRAGMENT\_NAME>.xml - for all fragments

Naming convention for component/widget in xml files:

All components for X activity must start with the activity name all component should have prefix or short name like btn for Button For example,name for login activity component should be like following.

activity\_login\_btn\_login

activity\_login\_et\_username

activity\_login\_et\_password

Short name of major components:

Button - btn

EditText - et

TextView - tv

ProgressBar - pb

Checkbox - chk

RadioButton - rb

ToggleButton - tb

Spinner - spn

Menu - mnu

ListView - lv

GalleryView - gv

LinearLayout -ll

RelativeLayout – rl

Modification of Ribot’s android guidelines

https://github.com/ribot/android-guidelines/blob/master/project\_and\_code\_guidelines.md

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