

# Code Standards/Style

Android Studio automatically does a lot of the formatting and spell checking, and even auto-variable-naming, so we don't really have too much for code standards

Indentation:

- Generally adhere to 1TBS indentation.
- Egyptian braces.

Naming Conventions:

- Classes have the first letter of each word capitalized, with no spaces or underscores between letters.
  - ThisIsAnExample.class
- XML files are in all lowercase, with underscores between each word.
  - this\_is\_an\_example.xml
- Variables are in camel case, and are nouns.
  - exampleVariable
- Method names are in camel case, and are verbs.
  - insertExampleMethodHere()

Other:

- Vertical alignment of multi-line variables.
- Eg: String sentences = "This is a very long string. It contains many sentences. "
  - + "Thus, the line of code for the string takes up multiple lines. "
  - + "Each line after the first line has a matching vertical alignment. "
  - + "These lines are usually indented by one or two tabs, "
  - + "depending on the vertical space available."

## Done Criteria

- All features should be fully functioning such that the user can use the entire app and access all features without excessive difficulty
  - App should not have bugs that impede user interaction (includes crashing)
- UI should have a decent level of polish
  - Fits the aesthetic of the rest of the app
  - Purpose of the UI is intuitive to the general user
  - Easy for the user to view and/or interact with
- Code follows our established code standards
  - Especially: layout variable names should be changed from the default variable name android studio gives it (eg: button2)