

CODE STYLE GUIDE

16 NOVEMBER 2021

SUMMARY

THIS DOCUMENT IS A SUMMARY OF CODING RULES THAT OUR TEAM WILL FOLLOW

LAST AMENDED ON: 22 NOVEMBER 2021

RULES

NAMING

- **Variable** and **Function** names should be lowercase if they are one word. Multi Word variables and functions should have an underscore between words, and all words in lowercase. Camelcase is acceptable as well.

```
String first_variable = 'hello'      // ✓ ok
String secondVariable = 'hello'      // ✓ ok
String ThirdVariable = 'hello'       // ✗ avoid
function first_function() { }        // ✓ ok
function secondFunction() { }        // ✓ ok
```

FORMATTING

- Use **curly braces** at all applicable places
 - Braces are used with if, else, for, do and while statements, even when the body is empty or contains only a single statement.

```
if (curly_braces == true) {           // ✓ ok
    Log.i("TAG", "Awesome");
}

if (curly_braces != true)             // ✗ avoid
    Log.i("TAG", "Not Awesome");
```

- Use **good line spacing** to make code readable. Use as necessary, and do not leave any unnecessary spaces.

```
String value = 'hello world';        // ✓ ok
String second_value = 'hello universe';
```

```
String value = 'hello world';           // ✗ avoid
// blank line
// blank line
String second_value = 'hello universe';
```

- Use **default indent** in Android Studio (4 character)
- Avoid committing commented-out code
- If a line of code is long, take it to the next line

```
Snackbar.make(view, "Minute Timer Selected", Snackbar.LENGTH_LONG).show();
                                                                    // ✗ avoid
```

```
Snackbar.make(view, "Minute Timer Selected",
    Snackbar.LENGTH_LONG).show();    // ✓ ok
```