**Rough Programming Style Guide**

This document contains the guidelines for writing JavaScript code for IT project 2020 team name O(n!). The point of style guide is to uniform the appearance of source code. The benefit of such guideline will improve readability, maintainability for the programming code and further enhanced the communicability between members.

**Naming convention**

* Variable names: camel case

Eg: oneTwoThree

* Constant: Capitalized with underscores

Eg: ONE\_TWO\_THREE

* Class Names: Cap words

Eg: OneTwoThree

**Statements**

* Indentation/Braces style
* Use tabs to indent new lines.
* Start braces on same line as if/for/while/else statement.

if (foo == true) {

    return foo;

} else {

    foo = False;

}

**Operators**

* Space between operator

Eg: apples + banana = orange;

Not: apples+orange=banana;

* Spaces after parameter delimiters

Eg:

for (i = 0; i > 3; i++)

or:

myFunc(param1, param2, param3)

Not:

myFunc(param1,param2,param3)

**Comments**

* Comment above code, starts with a small character with no full stop at end (unless referring to a variable that starts with a capital letter)
* Variables that are referred to in comment need to be written with the same case in the comment
* Single line starts with “//”
* Or whatever commenting system is used by your programming language

Eg:

//this is a comment

* Multiple lines start with “/\*\*/”
* Or whatever commenting system is used by your programming language

Eg:

/\*

this is a

multiline comment

\*/