

# Javascript Stylesheet

## File name

File names must be all lowercase and may include underscores (`_`) or dashes (`-`), but no additional punctuation. Follow the convention that your project uses. Filenames' extension must be `.js` or `.jsx`

## Braces are used for all control structures

Braces are required for all control structures (i.e. `if`, `else`, `for`, `do`, `while`, as well as any others), even if the body contains only a single statement. The first statement of a non-empty block must begin on its own line

## Indent continuation lines at least +2 spaces

When line-wrapping, each line after the first (each *continuation line*) is indented at least +2 from the original line, unless it falls under the rules of block indentation.

## Vertical whitespace

A single blank line appears:

1. Between consecutive methods in a class or object literal
  - a. Exception: A blank line between two consecutive properties definitions in an object literal (with no other code between them) is optional. Such blank lines are used as needed to create *logical groupings* of fields.
2. Within method bodies, sparingly to create *logical groupings* of statements. Blank lines at the start or end of a function body are not allowed.
3. *Optionally* before the first or after the last method in a class or object literal (neither encouraged nor discouraged).

## Horizontal whitespace

Use of horizontal whitespace depends on location, and falls into three broad categories: *leading* (at the start of a line), *trailing* (at the end of a line), and *internal*. Leading whitespace (i.e., indentation) is addressed elsewhere. Trailing whitespace is forbidden.

## Comments

Single line comments are use the `//` comment creator. Multi-line comments will be created with the `/* ... */` indicators.

## Arrow functions

Arrow functions provide a concise syntax and fix a number of difficulties with **this**. Prefer arrow functions over the **function** keyword, particularly for nested functions

## Use single quotes

Ordinary string literals are delimited with single quotes ('), rather than double quotes (").

## Coding Style:

### Functions

1. Functions are commented
2. Everything in the functions is bracketed and tabbed
3. Use array functions and anonymous functions when able

### Bracketing

1. All control statements and wrapped structures and in brackets and indent with tab

### Indentation

1. All indentation is a 1 space tab
2. Use indentation on bracketing

### Endpoints

1. All endpoint names have to reference the function of the post/get/patch/delete request
2. Use the proper post/get/patch/delete request for each endpoint

### Naming

1. All names are camelCase
2. Names must properly reflect the referenced object or variable

### Modeling

1. All relevant database objects must be encapsulated by a mongoose model
2. All mongoose models must be delivered with ES6 bracket importing

### Whitespace

1. Vertical white spaces between functions
2. Horizontal white spaces only between words

### CSS

1. Don't add CSS to tags
2. Have unique non conflicting CSS class names

