Real Estate Project Coding Standard

Group 3

### **Programming Language Standards**

Unless expanded on below, the following coding style guides/standards are to be followed when using these languages:

* Ruby/Rails: <https://github.com/styleguide/ruby>
* HTML: <http://www.w3schools.com/html/html5_syntax.asp>
* SASS/CSS: <http://sass-lang.com/guide>
* Javascript: <https://google.github.io/styleguide/javascriptguide.xml>
* JQuery: <https://contribute.jquery.org/style-guide/js/>

### **Documentation**

Documentation across all languages will be done via a single comment block at the beginning of each code file outlining the following information:

* Creator(s)
* Date created
* Methods/Classes declared inside the file
  + Include any parameters required by methods/classes
* Dependencies required to run file
* To do statements

Additional comments are also to be placed above methods within files to provide a quick outline on functionality of the method, A single line or small comment block will suffice.

Method, variable and class names to follow the relevant style guides above, with names providing clear indication as to the function/behaviour of the item (i.e. classToInitializeDoc(), $red-primary, .nav-pill)

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### **Deviations**

The following deviations for Ruby and SASS are to be followed, taking priority over the associated styles in the links above.

#### **Ruby/Rails**

* Line spacing: tabs will be 4 space indented as per the example below:

# Two space indent not to be used

def some\_method

@variable = 0

end

# Tabs are to be 4 space indents

def some\_method

@variable = 0

end

* Returns in Methods: methods will have return statements to improve clarity.

# Don't omit the return from methods

def return\_method

# This will return 100, but it’s not obvious

returned\_value = 100

end

# Include the return statement for clarity

def return\_method

return returned\_value = 100

end

* Hash Initialisation: hashes will be initialised using the following notation. Rocket notation will not be used. This has added bonus of ensuring symbols are used for keys.

# Avoid rocket notation for clarity

hash = {

key\_one: value\_one,

key\_two: value\_two,

key\_three: {

nested\_hash\_key\_one: nested\_hash\_value\_one

}

}

#### **SASS/CSS**

For SASS we will be using SASS and not SCSS. **Other standards not mentioned:**

* em’s to be used for font size
* %’s for widths and heights when possible
* $variables at the top of the page for colours, fonts etc
  + $red-primary = #FF0000
  + $grey-light = #F10511
  + $grey-dark = #FFFF00
  + $font-heading = ...
* =methods underneath the $variables in their own block
* hierarchy of .classes, #id and tags and with @’s and $variable properties at the top ex:

.nav-pills > li > a,

.nav-pills > li > a:hover

@extend .another-pill

color: $grey-dark

width: 50%

* and only splitting up tags, #id’s and .classes etc when needed ex:

.tools

color: $red-primary

text-align: right

.nav-pills

width: 20%

min-width: 50px