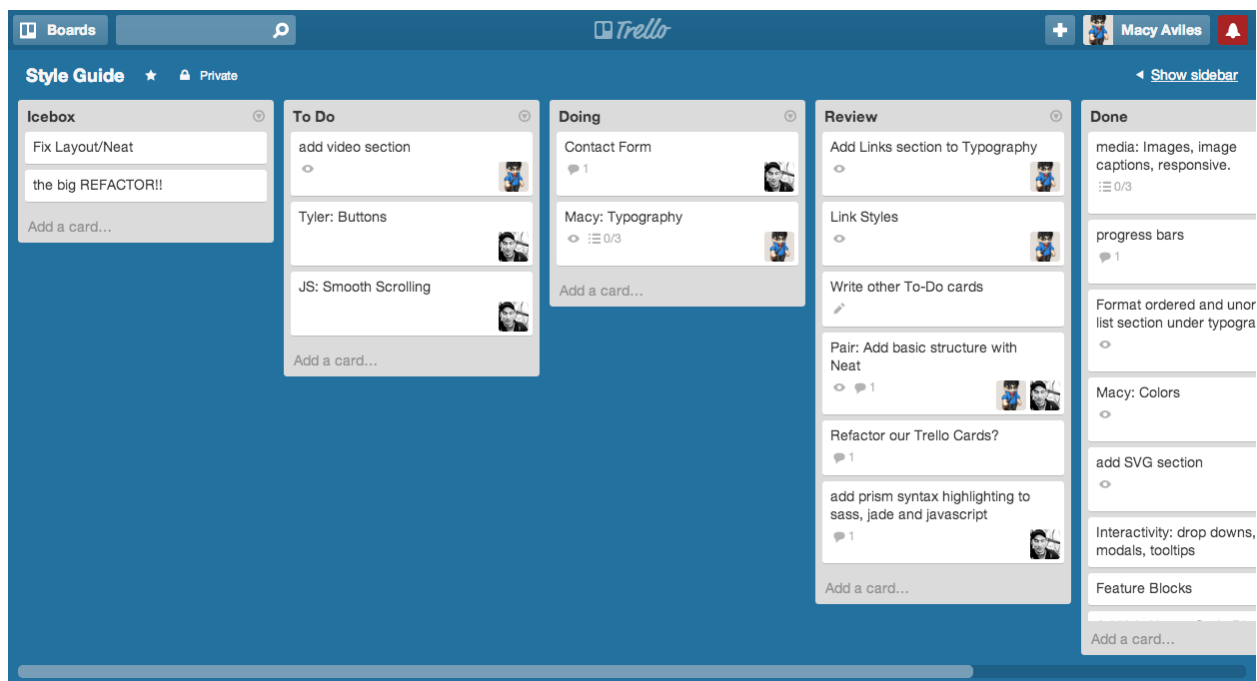# CSS Style Guide Design Process

In the Code Fellows Bootcamp, my class was divided into teams of two for close collaboration and teamwork. We were to make a basic style guide that would reflect our creativity while keeping the main purpose of a style guide in mind. The time constraint for this project was 4 days.
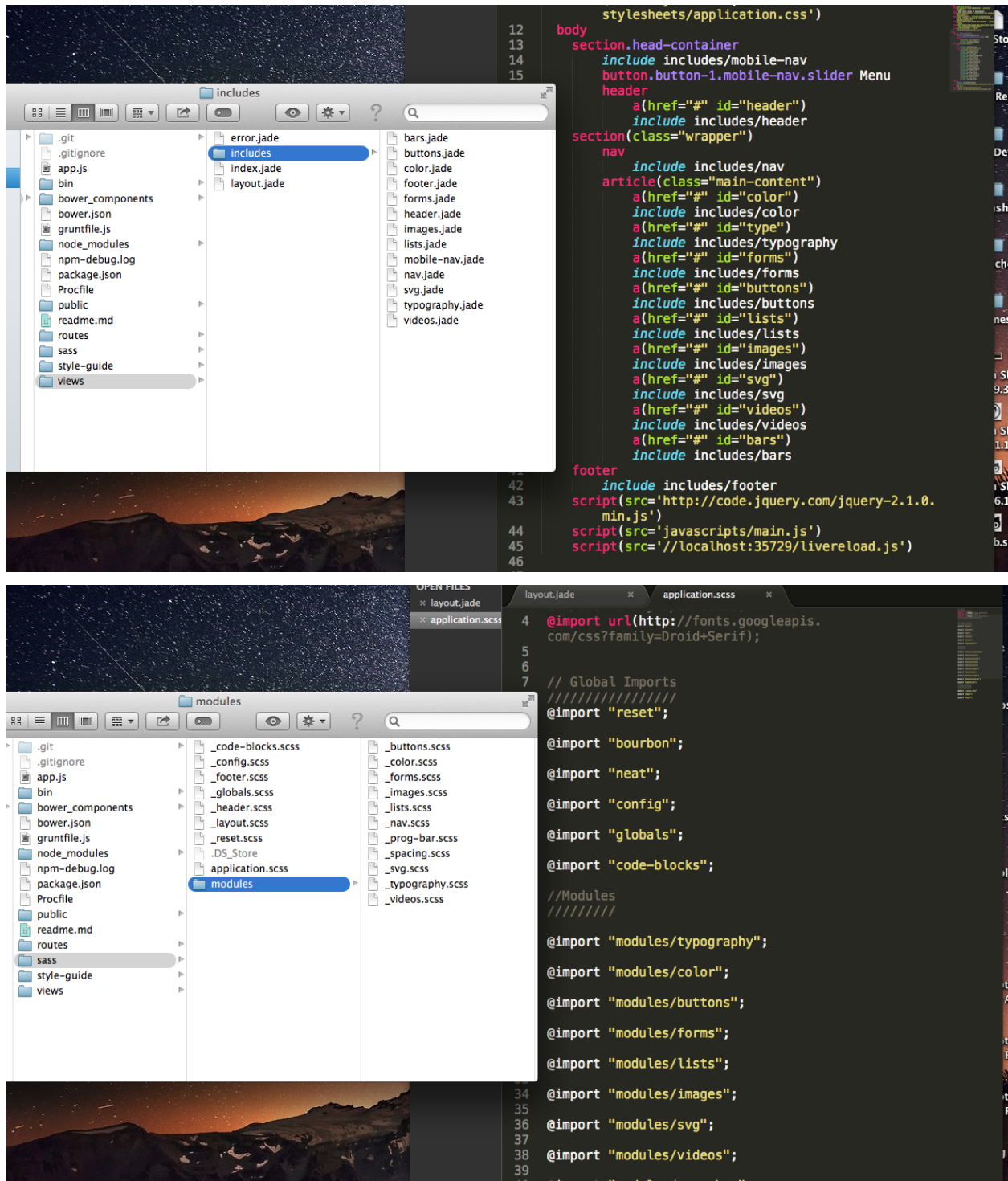
We started by listing out the goals we wanted the style guide to achieve:

1. Clean, simple, and to the point.
2. Easy to read and understand the information.
3. Easy to navigate.
4. Responsive across all media so a dev could pull it up on a phone for quick reference or have it displayed on a tablet.

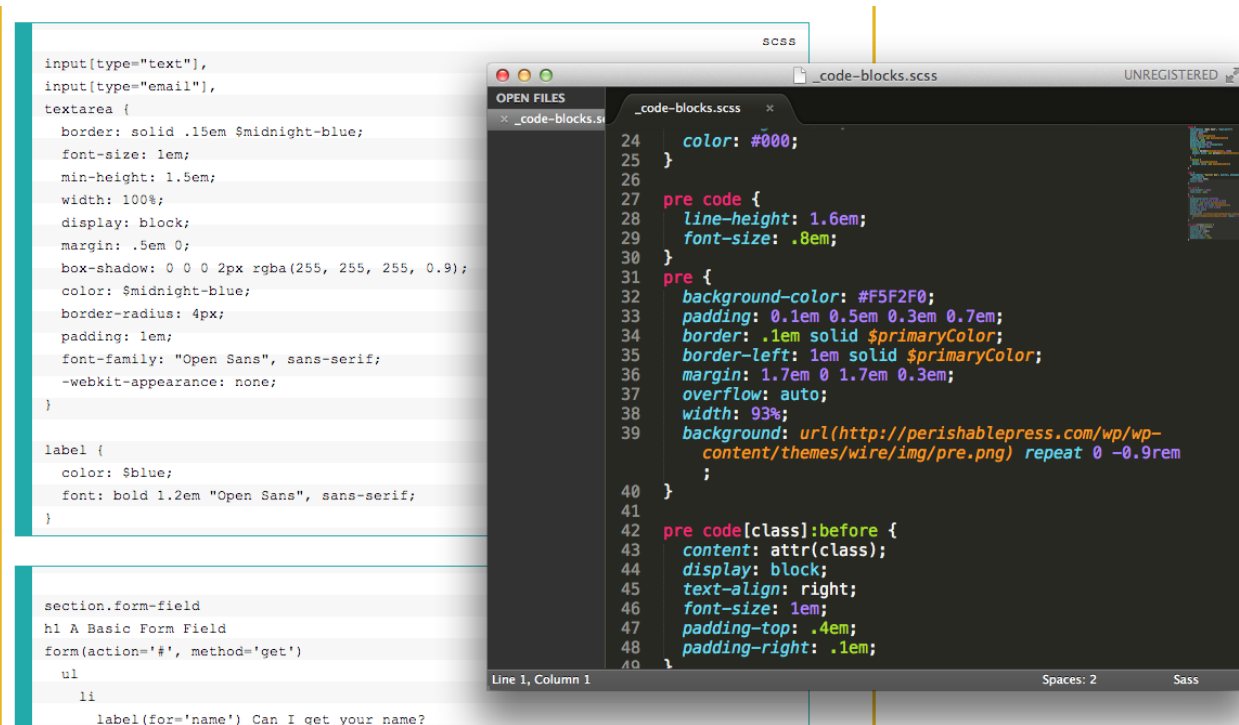My colleague and I set up a Trello Board to add manageable tasks to keep us on track and to keep communication open. We began populating the board and also using it to brainstorm what kind of content we wanted in our guide.

We also set up a file structure that allowed us to template using Jade and Sass. This helped us work in modular environments. We also set up Node.js and Express as our development environment.

```
12  body
13    section.head-container
14      include includes/mobile-nav
15      button.button-1.mobile-nav.slider Menu
      header
        a(href="#" id="header")
        include includes/header
      section(class="wrapper")
        nav
          include includes/nav
        article(class="main-content")
          a(href="#" id="color")
          include includes/color
          a(href="#" id="type")
          include includes/typography
          a(href="#" id="forms")
          include includes/forms
          a(href="#" id="buttons")
          include includes/buttons
          a(href="#" id="lists")
          include includes/lists
          a(href="#" id="images")
          include includes/images
          a(href="#" id="svg")
          include includes/svg
          a(href="#" id="videos")
          include includes/videos
          a(href="#" id="bars")
          include includes/bars
      footer
42      include includes/footer
        script(src='http://code.jquery.com/jquery-2.1.0.
          min.js')
44      script(src='javascripts/main.js')
45      script(src='//localhost:35729/livereload.js')
46
```

```
layout.jade        application.scss

4   @import url(http://fonts.googleapis.
    com/css?family=Droid+Serif);
5
6
7   // Global Imports
    ///////////////////
    @import "reset";

    @import "bourbon";

    @import "neat";

    @import "config";

    @import "globals";

    @import "code-blocks";

    //Modules
    /////////
    @import "modules/typography";

    @import "modules/color";

    @import "modules/buttons";

    @import "modules/forms";

    @import "modules/lists";

34  @import "modules/images";
35
36  @import "modules/svg";
37
38  @import "modules/videos";
39
```

As we were populating our style guide, I searched for different jQuery syntax highlighter plugins to help with our code blocks. We found that many of the plugins did not support highlighting for Jade. Rather than keep looking, I made the custom code blocks to allow for easy to read code snippets instead.

```scss
input[type="text"],
input[type="email"],
textarea {
  border: solid .15em $midnight-blue;
  font-size: 1em;
  min-height: 1.5em;
  width: 100%;
  display: block;
  margin: .5em 0;
  box-shadow: 0 0 0 2px rgba(255, 255, 255, 0.9);
  color: $midnight-blue;
  border-radius: 4px;
  padding: 1em;
  font-family: "Open Sans", sans-serif;
  -webkit-appearance: none;
}

label {
  color: $blue;
  font: bold 1.2em "Open Sans", sans-serif;
}
```

```
section.form-field
h1 A Basic Form Field
form(action='#', method='get')
  ul
    li
      label(for='name') Can I get your name?
```

`scss`

```
OPEN FILES                                    _code-blocks.scss                              UNREGISTERED
 ×  _code-blocks.s        _code-blocks.scss   ×
24        color: #000;
25   }
26
27   pre code {
28        line-height: 1.6em;
29        font-size: .8em;
30   }
31   pre {
32        background-color: #F5F2F0;
33        padding: 0.1em 0.5em 0.3em 0.7em;
34        border: .1em solid $primaryColor;
35        border-left: 1em solid $primaryColor;
36        margin: 1.7em 0 1.7em 0.3em;
37        overflow: auto;
38        width: 93%;
39        background: url(http://perishablepress.com/wp-wp-
                content/themes/wire/img/pre.png) repeat 0 -0.9rem
                ;
40   }
41
42   pre code[class]:before {
43        content: attr(class);
44        display: block;
45        text-align: right;
46        font-size: 1em;
47        padding-top: .4em;
48        padding-right: .1em;
```

Line 1, Column 1   Spaces: 2   Sass

Using Jade and Sass, we worked modularly to complete and style each section of the style guide. We then added Javascript to add interactivity. The final product can be seen below.

Style Guide v0.0.1

Created by Tyler Anyan & Macy Aviles

Colors

#ee9966   #88aa66   #eecc66   #115555   #224444

View Source Code

`scss`

```scss
$primaryColor: #ee9966;
$secondaryColor: #88aa66;
$darkAccentColor: #115555;
$lightAccentColor: #eecc66;
$borderColor: #224444;

section {
  color: $primaryColor;
```

Colors
Typography
  -Font Stacks
  -Section
  Header
  -P Tags
Forms
Buttons
Lists
  -Ordered
  Lists
  -Unordered
  Lists
Media
  -Image
  -Svg
  -Video
Progress Bar

Progress Bar

Here is a simple progress bar, hover over the meter to see the effect.

View Source Code

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Style Guide v0.0.1

Check the Github!   Return to top

Buttons

MENU

PRIMARY   SECONDARY   WARNING

SUBMIT

TOGGLE PANEL

View Source Code

```scss
%button {
    padding: 1em;
    border-radius: 4px;
    text-transform: uppercase;
    transition: all .2s ease;
    text-align: center;
    letter-spacing: 1px;
    text-decoration: none;
    font: bold 1em "Open Sans", sans-serif.
    text-decoration: none;
    border: none;
}

%button-slide {
```

Links

MENU

Link 1
Link 2
Link 3
Link 4

View Source Code

```scss
a {
    display: block;
    font-family: 'Open Sans', 'sans-serif';
    font-size: 1em;
    font-weight: bold;
    text-decoration: none;
    color: $primaryColor;
    &:hover {
        color: $primaryHover;
    }
    &:active {
        color: $primaryHover;
    }
}
```

```jade
a(href="#") Link 1
a(href="#") Link 2
```