



Frontend

# CSS methodologies

# What's a CSS methodology?

naming conventions

file structure

documentation

...

# Naming conventions

Naming things is hard

Our stylesheets can  
become very large in  
an actual project

Very, very large.

We need a way to  
organize our styles, so  
we don't get lost

# OOCSS

Object Oriented CSS

# OOCSS

Separate structure and skin  
Separate container and content



# OOCSS naming conventions

```
<ul class="primary-nav">  
  <li class="nav-link"><a class="link" href="#">Home</a></li>  
  <li class="nav-link"><a class="link" href="#">Profile</a></li>  
  <li class="nav-link"><a class="link" href="#">Messages</a></li>  
</ul>
```

Give classes to each and every element you plan on styling and target it in your stylesheets.



# B E M

Technology for creating web applications

# BEM

Block, Element, Modifier

# BEM naming convention

```
/* This is the Block */  
.block {}
```

```
/* This is an element, that helps to form  
the block as a whole */  
.block__element {}
```

```
/* This modifies the element or a block */  
.block--modifier {}
```

# BEM tree

```
<ul class="menu">  
  <li class="menu__item">  
    <a class="menu__link">  
      <span class="menu__text"></span>  
    </a>  
  </li>  
</ul>
```

```
.menu {}  
.menu__item {}  
.menu__link {}  
.menu__text {}
```

# BEM tree

```
<ul class="menu">  
  <li class="menu__item menu__item--register">  
    <a class="menu__link">  
      <span class="menu__text"></span>  
    </a>  
  </li>  
</ul>
```

```
.menu {}  
.menu__item.menu__item--register {}  
.menu__link {}  
.menu__text {}
```

# Visual nesting

```
.menu {}  
  .menu__item {}  
  .menu__link {}  
  .menu__text {}
```

Indenting the subelements makes the CSS files more readable.

# CSS Guidelines

Extremely recommended reading.

[cssguidelin.es](https://cssguidelin.es)



# Exercise

Get as close as you can to the design in the next screen using HTML and CSS.

- Don't use Bootstrap classes, load the CSS, but don't use what it offers.
- Identify the purpose of the block and name it accordingly.
- Use the BEM methodology.
- Use em units only.

## Twitter #Music

Lorem ipsum dolor sit amet,  
consectetur adipisicing elit. Omnis  
modi incidunt labore quisquam  
placeat assumenda, magni,  
ducimus dolor provident nemo  
ipsum, perferendis.

**GOOD**

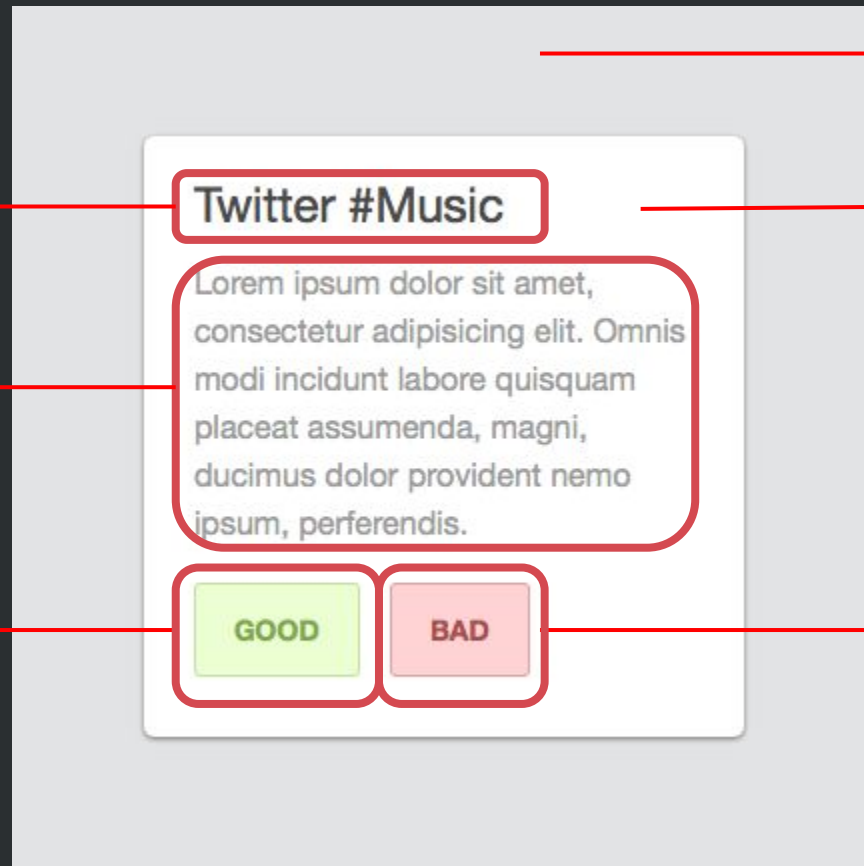
**BAD**

(There's some help on the following screens)

24px  
#4A4A4A

16px  
#9B9B9B

14px  
#7FA84E  
#EBFFD3  
#C3E29E



#E1E3E5

white

14px  
#A84E4E  
#FFD3D3  
#E29E9E

# A look at some CSS methodologies

Recommended reading.