



# RWD

## Class 13

# Overview

**Usability/Technical Testing Prep  
(20 min)**

**Style Guides/Pattern Libraries  
(20 min)**

**Usability/Accessibility/Technical  
Testing (1 hour 15 minutes)**

**Pattern Library Assignment (5 min)**

**Break (5 min)**

**How Does This Apply to a CMS? (20 min)**



# Usability / Technical Testing



# Style Guides / Pattern Libraries



# What Is A Pattern Library?



# What's a Style Guide?



## COLORS

### Primary Colors



**C1A Red**

PMS 193U

C13 M94 Y69 K4

R204 G39 B62

#cf1b41

\$color-red



**C1A Blue**

PMS 2915M or 292C or 299U

C70 M24 Y0 K0

R63 G158 B216

#399fd3

\$color-blue



**C1A Gray**

PMS Cool Gray 10

C58 M49 Y46 K15

R109 G110 B113

#6D6E71

\$color-gray

### Secondary Colors



**Light Blue**

PMS 297U

C50 M15 Y7 K0

R122 G181 B214

#7ab5d6

\$color-light-blue



**Medium Blue**

PMS 314U

C72 M27 Y16 K0

R66 G152 B187

#4298bb

\$color-medium-blue



**Dark Blue**

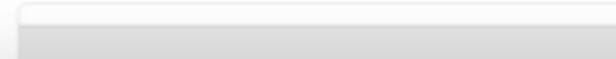
PMS 302U

C81 M66 Y51 K43

R47 G61 B74


#004b6a

\$color-dark-blue



<http://style.codeforamerica.org>



 Patterns About

Grid System

Typography

Form Elements

Navigation

Tables

Lists

Slats

Stats/Data

Feedback

Dialogs

Freddicons

Helper Classes

## Navigation

Local Navigation Switcher Tabs

Local navigation

Example

Account settings ▾ My profile Billing ▾ Extras ▾ Rewards ▾

```
1 <p class="mobile-top-nav nomargin full-width fwb">
2   <a href="#">Navigation</a>
3   <ul class="local-nav selfclear">
4     <li>
5       <ul class="hover-list">
6         <li>
7           <a href="#">Account settings</a>
8           <ul>
9             <li>
10              <a href="/account/users">Users & account
11              details</a>
12            </li>
13            <li>
14              <a href="/account/contact">Contact infor
15              mation</a>
16            </li>
17            <li>
18              <a href="/account/domains">Verified doma
19              ins</a>
20            </li>
21          </ul>
22        </li>
23      </ul>
24    </li>
25  </ul>
26 </p>
```

### Notes

Local navigation is used to jump between pages that categorically fall under the same (main) section. The local nav shown in the example above is from the Account section and it is present on all pages under **/account**.


If there are secondary pages in a section, then links to those pages are shown inside **hover-list** menus. A blue-colored link indicates the page/sub-section currently in view.

The local nav spans the full width of the page up to 640px, at which point it collapses into a stacked menu.

<http://ux.mailchimp.com/patterns/>





 An official website of the United States Government

This site is c

U.S. Web Design Standards

Download code

Typefaces

Pairings and styles

Typesetting

Links

Lists

Colors

Palette

Text accessibility

Grid

Buttons

Labels

Tables

Alerts

Accordions

Form controls

Form templates

Search bar

Side navigation

Footers

Typefaces

Source Sans Pro

Source Sans Pro is an open-source sans serif typeface created for legibility in UI design. With a variety of weights that read easily at all sizes, Source Sans Pro provides clear headers as well as highly-readable body text.

Inspired by twentieth-century American gothic typeface design, its slender but open letters offer a clean and friendly simplicity. Advanced hinting allows Source Sans Pro to render well on Windows systems which run ClearType, and across browsers and devices. Moreover, it supports a variety of languages and alphabets, including Western and European language, Vietnamese, pinyin Romanization of Chinese, and Navajo.

Aa

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
0123456789

Merriweather

Merriweather is an open-source serif typeface designed for on-screen reading. This font is ideal for text-dense design: the letterforms have a tall x-height but remain relatively small, making for excellent readability across screen sizes while not occupying extra horizontal space.

The combination of slim and thick weights gives the font family stylistic range, while conveying a desirable mix of classic, yet modern simplicity. Merriweather communicates warmth and credibility at both large and smaller font sizes.

Aa

ABCDEFGHIJKLMNOPQRSTUVWXYZ  
abcdefghijklmnopqrstuvwxyz  
0123456789

<https://playbook.cio.gov/designstandards/visual-style/>



**May Also Show  
Template  
Variations**



# Build for Reuse.



# Must Maintain.



# HTML/CSS Pattern Library

## Assignment

<http://rwdkent.com/class/assignments/styleguide/>



# How Does This Apply to Content Management Systems?



# 3 Options for Publishing Website

	Raw HTML	Static Site Generator	Content Management System
Pros	Simplest to do Fast Performance	Fast Performance Dynamically Created Templates	Very easy to edit (once set up) Many templates from which to choose
Cons	Must write all templates manually Must know HTML to edit	Must use command line to setup Must know HTML/CSS to set up	Generally slower performance Require database backend (if custom) A lot of overhead



*Movable Type*

*Drupal*

*Joomla!*

# Open-Source

*WordPress*

*Magento*





*SharePoint*

*ExpressionEngine*

*Craft*

**Proprietary**

*Perch*

*Cascade*





TECHNOLOGY **BITS | ROBOTICA**

## The Family Dog

BY Zackary Canepari, Drea Cooper | Jun. 17, 2015 |

8.28

When Sony stopped manufacturing replacement parts for its Aibo pet robot, owners scrambled to save the robot-dogs that had become part of their families.

Related: Article: A Robotic Dog's Mortality

Share:      





# Add New Video

Long Title:

Short Title:

Date Added:

▼

Category:

Subcategory:

Description:

Video File:

Upload

Author(s):

▼

▼

+

Related:

▼

▼

+

Pre-roll Ad:

▼



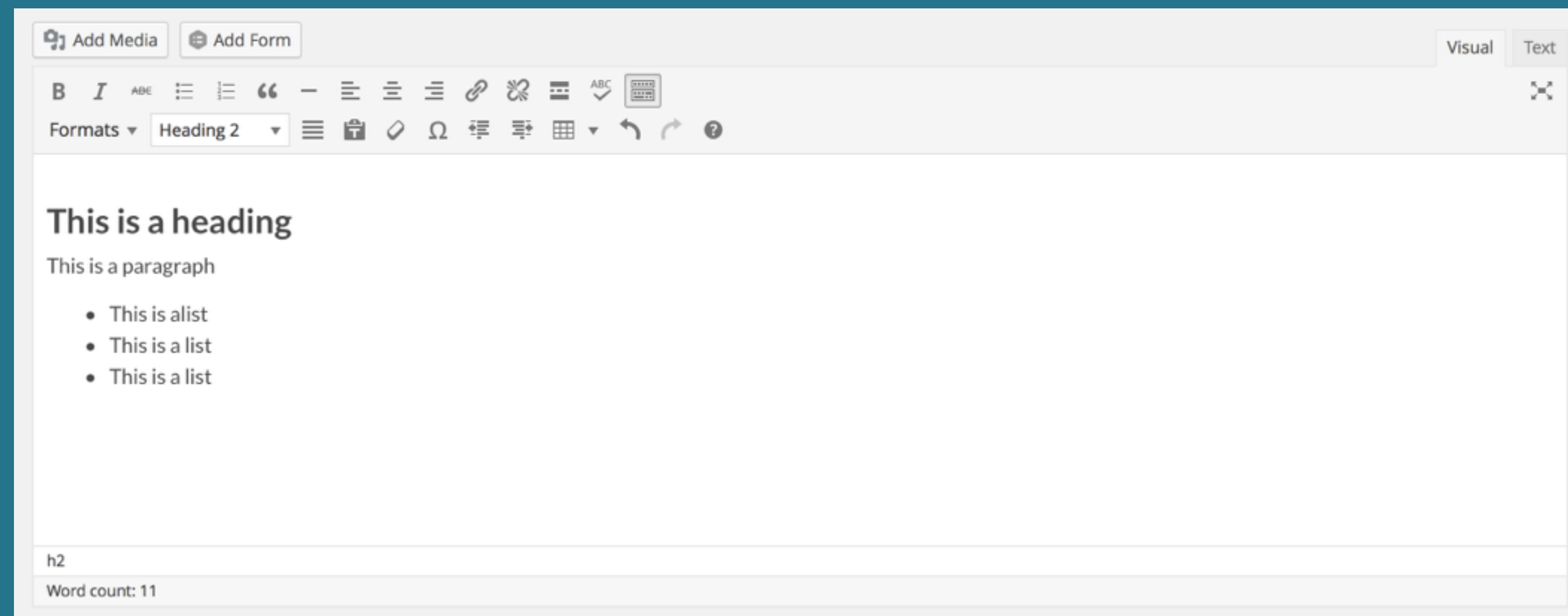
**COPE = Create once,  
publish everywhere**



# How Do You Get Your Content Into HTML/CSS?



# WYSIWYG Editor



# WordPress: Theme

PHP (HTML) Files

CSS Files



# Drupal: Theme

**PHP (HTML) Files**

**CSS Files**





# Craft: Template

PHP (HTML/Twig) Files

CSS Files



# Squarespace / WordPress.com, etc.

Closed Source HTML / CSS



← HOME

## DESIGN

Logo & Title

Template

Style Editor

Checkout Page Style Editor

Lock Screen

Announcement Bar

Mobile Information Bar

Squarespace Badge

Custom CSS

Advanced

← DESIGN

## CUSTOM CSS

This area will allow you to inject custom CSS rules into your site.

Warning: Adding custom CSS to your site can break your design. Please use caution when using this feature. Our support team will be limited in their ability to help you with design related issues if you have custom CSS.

OPEN IN WINDOW

1



# Questions for Ethan Marcotte









# Reminders:

**HTML/CSS Prototypes/Templates: Dec. 8**

**Pattern Library and Project Overview In Class: Dec. 8**

**Self/Group Evaluation: Dec. 15 (Finals)**

*Make sure you submit your assignments to your project hub  
and Blackboard Learn so that I can grade them!*

