



RWD

Class 13

Overview

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

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

Break (5 min)

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

Pattern Library Assignment (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



CfA Red
PMS 193U
C13 M94 Y69 K4
R204 G39 B62
#cf1b41
\$color-red



CfA Blue
PMS 2915M or 292C or 299U
C70 M24 Y0 K0
R63 G158 B216
#399fd3
\$color-blue



CfA 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>



The screenshot shows a navigation pattern from the Mailchimp Patterns website. The left sidebar lists various design patterns: Grid System, Typography, Form Elements, **Navigation** (which is selected and highlighted in blue), Tables, Lists, Slats, Stats/Data, Feedback, Dialogs, Freddicons, and Helper Classes. The main content area is titled "Navigation" and contains sections for "Local Navigation", "Switcher", and "Tabs". Under "Local navigation", there is an "Example" section showing a horizontal navigation bar with items: Account settings ▾, **My profile**, Billing ▾, Extras ▾, and Rewards ▾. Below this is a "Notes" section with three paragraphs explaining the purpose and implementation of local navigation. On the right side of the notes section, there is a code block showing the HTML and CSS for the local navigation menu.

```
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>
```

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



An official website of the United States Government

This site is cu

U.S. Web Design Standards

Download code

Typefaces

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

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.

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

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
a b c d e f g h i j k l m n o p q r s t u v w x y z
0 1 2 3 4 5 6 7 8 9

<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



ExpressionEngine *SharePoint*
Cascade *Craft*
Proprietary





TECHNOLOGY **BITS | ROBOTICA**

The Family Dog

BY Zackary Canepari, Drea Cooper | Jun. 17, 2015 | 0:20

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

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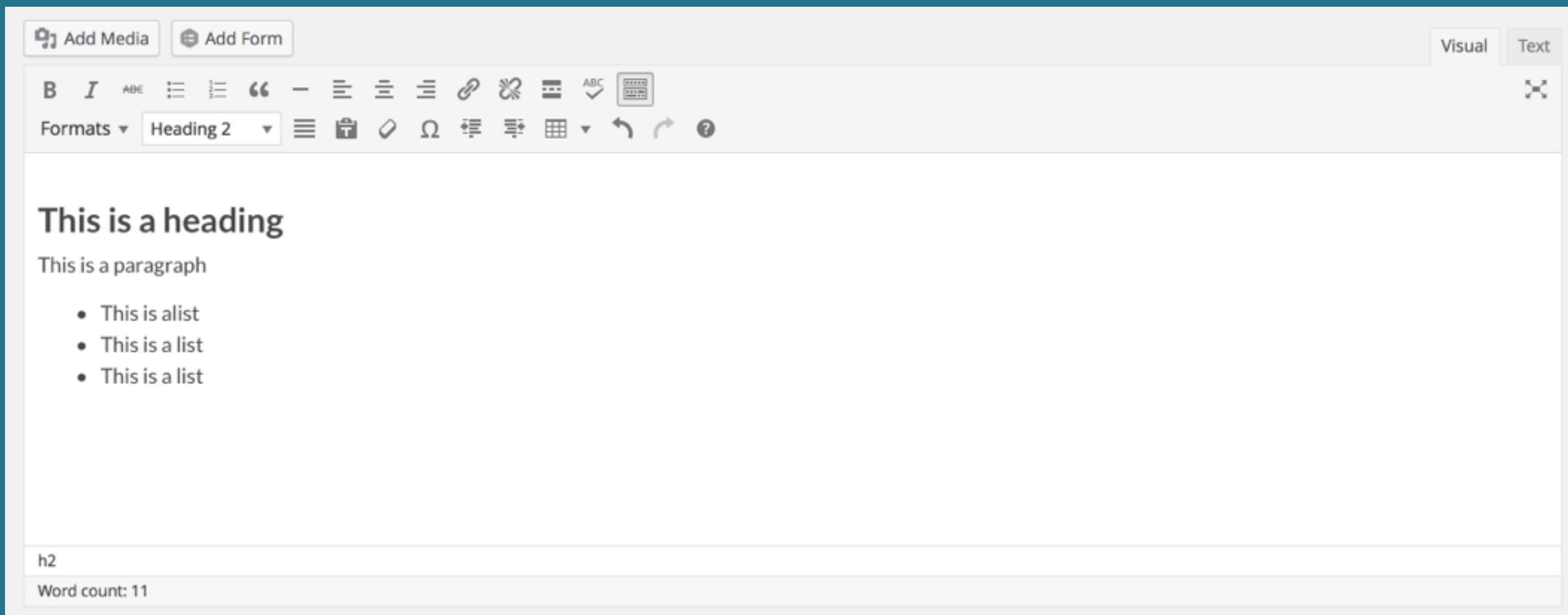
COPE = Create once,
publish everywhere



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](#)

Hosting Your Website

Publish Over FTP/SFTP/SSH via web host

Managed Hosting (SquareSpace etc.)

GitHub Pages



Hosting Your Website

Buy A Domain Name

Most if not all hosts will allow you to connect a custom domain name to your website.



Hosting Your Website

Deployment/Continuous Integration: Host files in a repository (such as GitHub) and have them “deploy” to the web server at certain times, or automatically.

Integrates version control with your server in a controlled way to prevent human error.

Many companies will use multiple “environments”: Local, Development, Staging and Production





Reminders:

Usability Testing Plan: Next Week (April 26)

HTML/CSS Prototypes/Templates: May 10

Pattern Library: May 10

Review Session/Critiques In Class: May 10

Self/Group Evaluation: May 13

