



CS50B Web Dev 2

Fall 2018 ~ Ethan Wilde

Week 11



Welcome

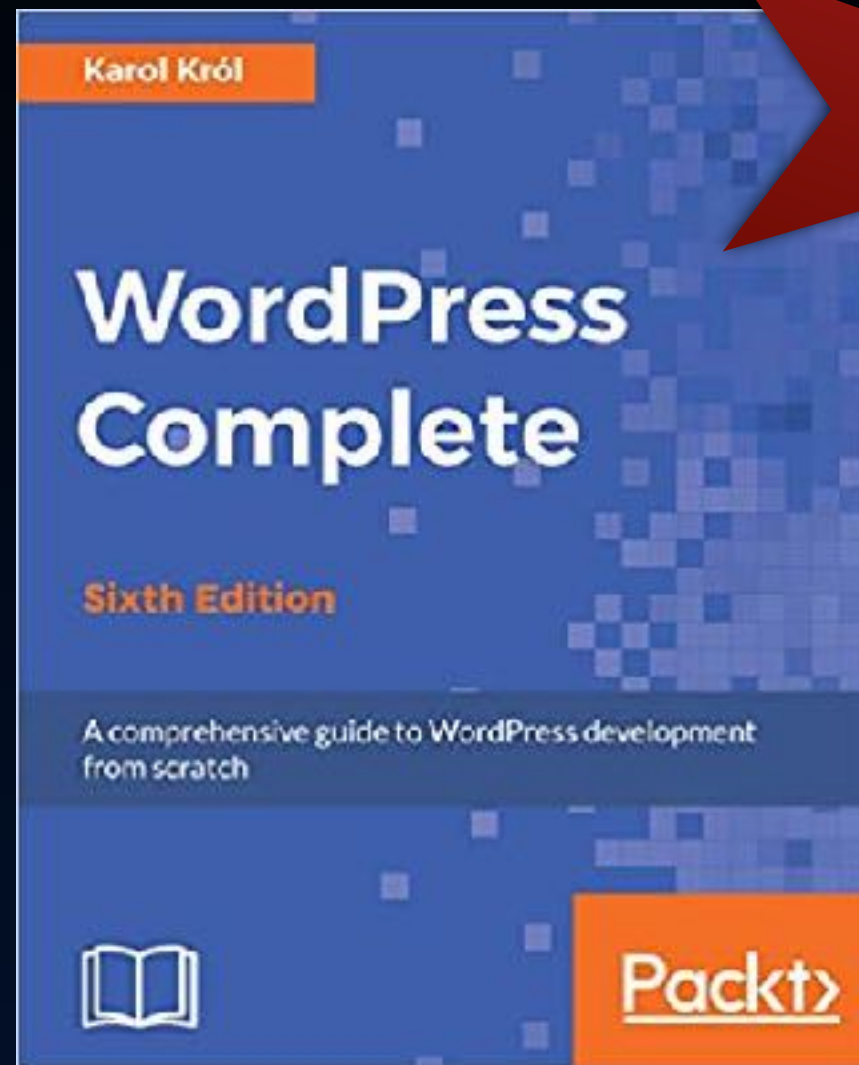
- **Course Outline**
- **Textbook Reading**
- **WordPress Posts v. Pages**
- **Planning Your Final Project**
 - **Concept**
 - **Information Architecture (Site Map)**
 - **Page Wireframes**

Course Outline

1 Responsive HTML5 + CSS3	10 WordPress: Intro to CMS
2 Introduction to Bootstrap	11 WordPress Posts
3 Page Elements + Components	12 WordPress Pages + Menus
4 Navigation	13 WordPress Plugins + Themes
5 Forms + Decoration	14 WordPress Bootstrap Theme
6 Customizing Bootstrap CSS	15 Intro to Sass: CSS Preprocess
7 Introduction to JavaScript	16 Customizing Bootstrap Sass
8 Bootstrap + JavaScript	17 Mastering Sass + Bootstrap
9 Midterm Review + Midterm	18 Final Exam (online)

Get all of the details in the complete syllabus on Canvas.

Textbook Reading This Week



WordPress Complete, Sixth Edition

<https://www.packtpub.com/application-development/wordpress-complete-sixth-edition>

Core Concepts of the WordPress CMS

1. **Users:** Multi-user system with authentication.
2. **Content:** Page- , Post- and element-based management.
3. **Menus:** Centralized control of site link sets (menus of links).
4. **Templates:** HTML pages generated using content from database and coded templates.

Core Concepts of the WordPress CMS

5. **Themes:** Collections of templates designed to be used as a unified visual presentation for site pages.
6. **Media:** Management of file attachments and rich media.
7. **Plugins:** Additions to core CMS to extend functionality, aka modules or extensions.
8. **WYSIWYG Editor:** Word processing style content editor.

How WordPress Works

Home	Post	Page
header.php	header.php	header.php
index.php	single.php	page.php
footer.php	footer.php	footer.php

WordPress loads three theme files for each HTML document it generates.

<https://codex.wordpress.org/>

Using Your First WordPress C9 Workspace

Cloud9 includes a workspace template for WordPress 4.x.

1. This week we will continue to work with our initial WordPress workspace as a “sandbox” to explore the toolset, while documenting our Final Project plans and process.
2. Later on, we will create a second WordPress workspace to use for our Final Project build.

Planning Your Final Project

“User Centered Design is the way to plan and create an effective website for any audience of users.”

– Me (and 1,000s of others)

1. Conduct at least two more methods from Design Kit to help prepare for your Final Project during this week.

<http://www.designkit.org/>

Planning Your Final Project

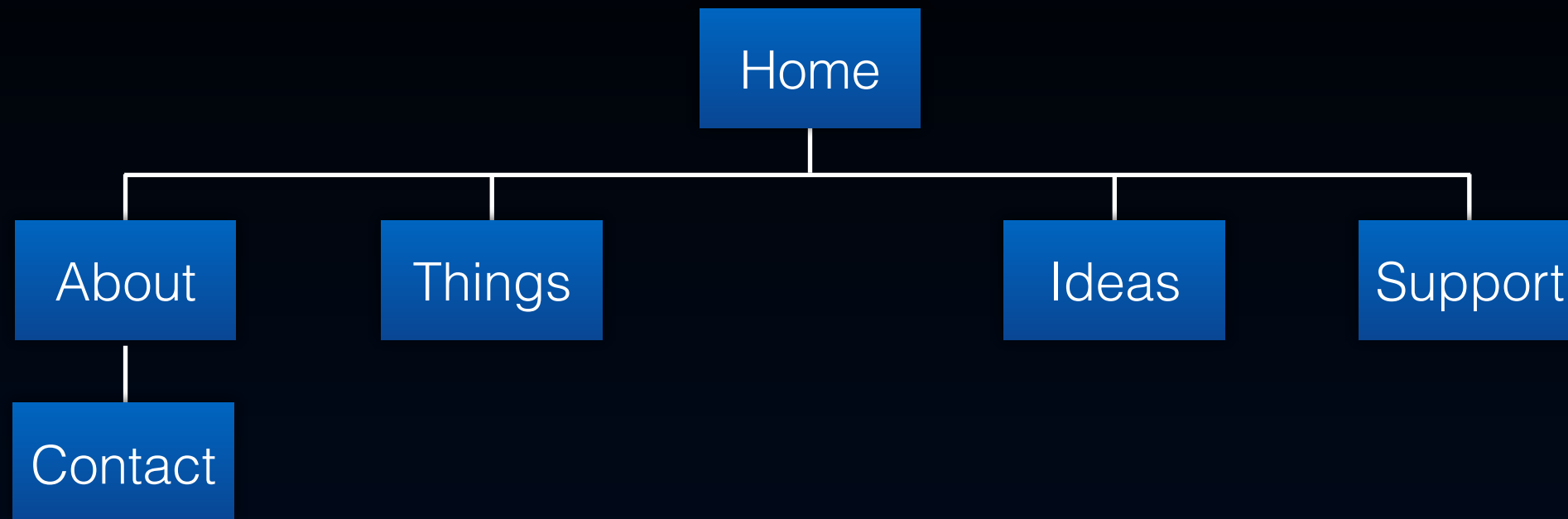
“User Centered Design is the way to plan and create an effective website for any audience of users.”

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2. Define the ten (minimum) pages you plan to include in the final site you will build.
3. Develop a Site Map or Info Architecture diagram for the site.

<https://www.draw.io/>

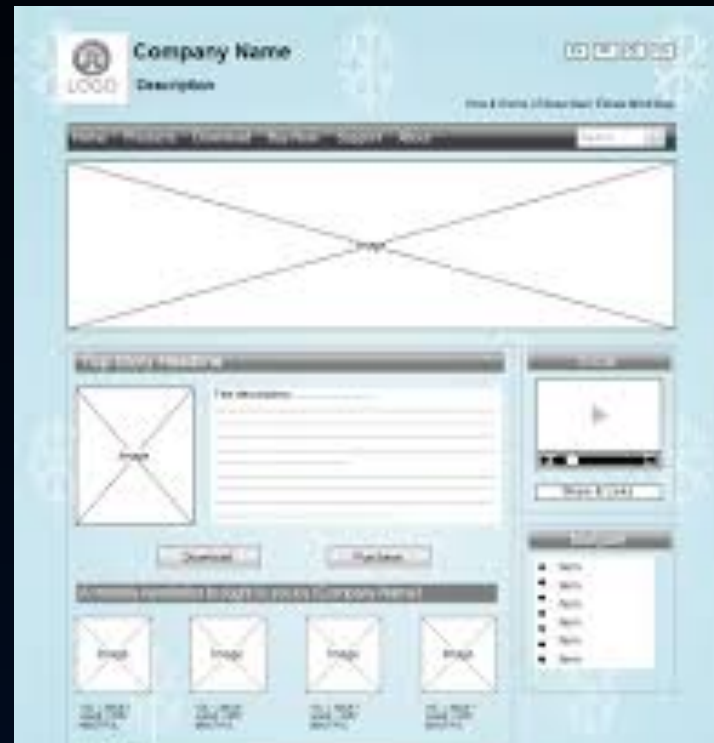
Planning Your Final Project



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Planning Your Final Project



4. Create a **wireframe** page schematic for each of at least three different pages from your planned list of ten. Include the home page.

<https://www.draw.io/>

What to Do Next

- **Reading + Doing**

- Read *WordPress Complete* (6th ed.)
 - Chapter 3: Creating Blog Content
- Read and conduct two more Design Kit methods and document outcomes in your new WordPress site.

- **Homework**

- **Assignment 9: Creating Content**
- **Discussion 10: Content Management Systems**

- **Canvas Site**

- All materials available there
- <https://canvas.santarosa.edu/courses/32995>