



CS50B Web Dev 2

Fall 2018 ~ Ethan Wilde

Week 12



Welcome

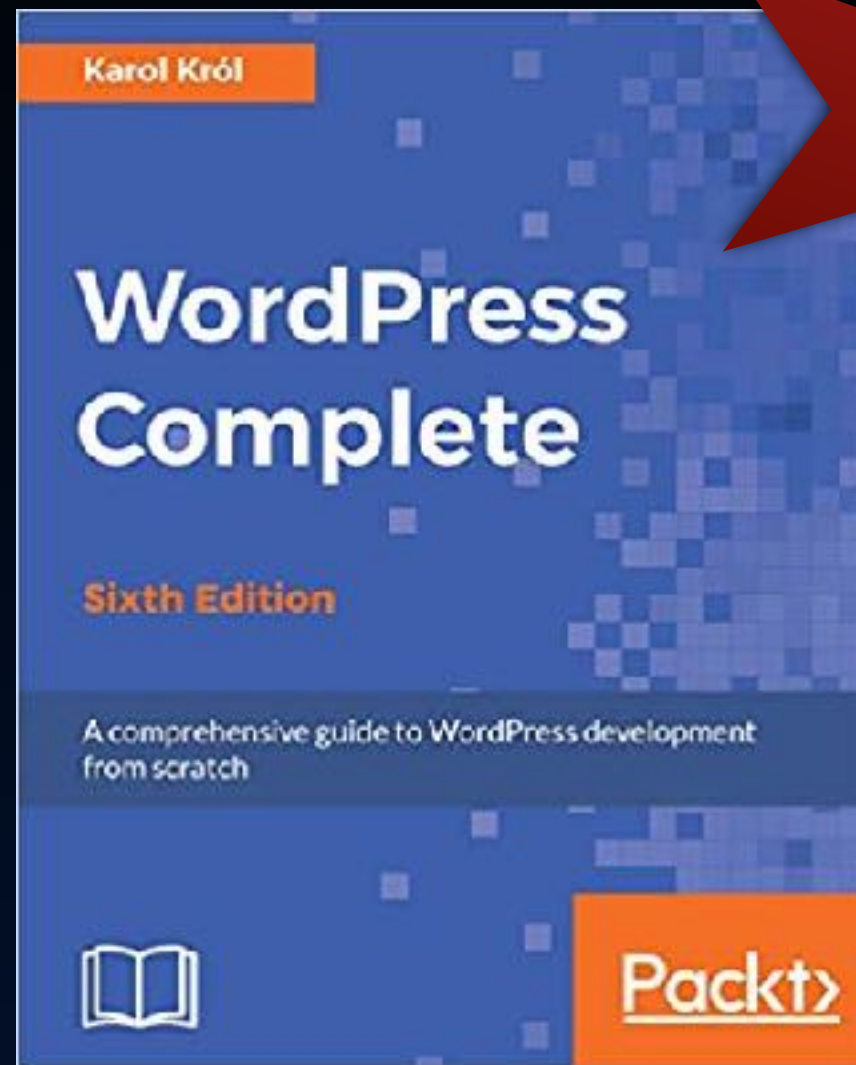
- **Course Outline**
- **Textbook Reading**
- **WordPress Menus**
- **Planning Your Final Project**
 - **Concept**
 - **Information Architecture (Site Map)**
 - **Page Wireframes**

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>

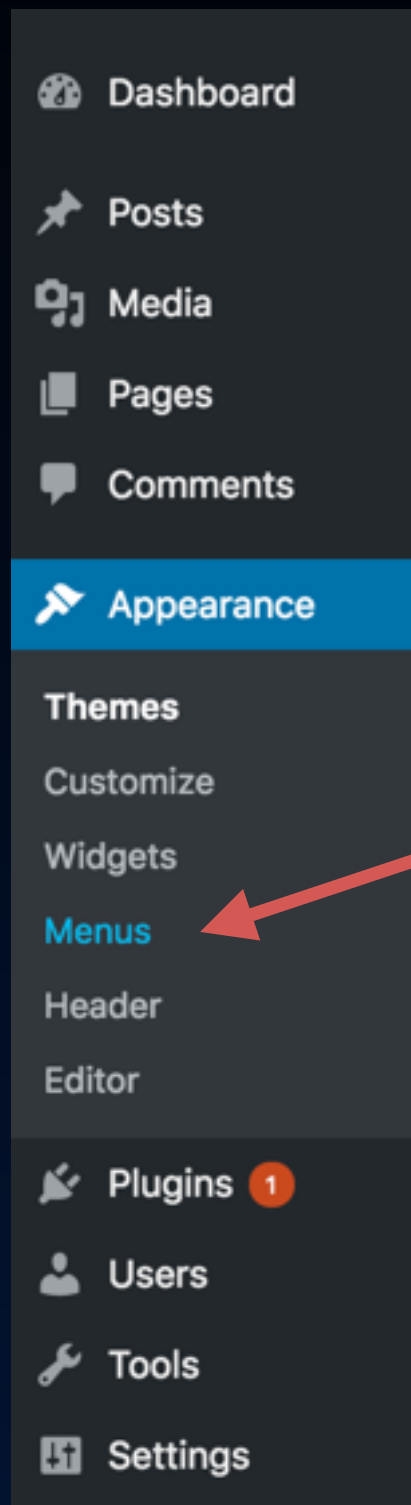
Core Concepts of the WordPress CMS

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.

WordPress Menu



Menu admin

WordPress manages site menus centrally.

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

WordPress Menu

The screenshot shows the WordPress Menu editor interface. At the top, there are tabs for 'Menus' and 'Manage with Live Preview'. Below these are buttons for 'Edit Menu' and 'Manage Locations'. A text box says 'Edit your menu below, or [create a new menu](#).' The main area is divided into two columns. The left column has a 'Pages' section with a 'Most Recent' tab, 'View All', and 'Search' links. It lists 'First Page' and 'Sample Page' with checkboxes. Below this is a 'Select All' link and an 'Add to Menu' button. The right column has a 'Menu Name' field set to 'Main Menu' and a 'Save Menu' button. Below this is the 'Menu Structure' section with instructions: 'Drag each item into the order you prefer. Click the arrow on the right of the item to reveal additional configuration options.' It lists three items: 'First Page' (Page), 'Hello world!' (Post), and 'Sample Page' (Page). Below this is the 'Menu Settings' section with two options: 'Auto add pages' (unchecked) and 'Display location' (checked for 'Top Menu', unchecked for 'Social Links Menu').

Menus [Manage with Live Preview](#)

[Edit Menu](#) [Manage Locations](#)

Edit your menu below, or [create a new menu](#).

Pages

Most Recent [View All](#) [Search](#)

☐ First Page

☐ Sample Page

[Select All](#) [Add to Menu](#)

Posts

Custom Links

Categories

Menu Name [Save Menu](#)

Menu Structure

Drag each item into the order you prefer. Click the arrow on the right of the item to reveal additional configuration options.

First Page Page

Hello world! Post

Sample Page Page

Menu Settings

Auto add pages ☐ Automatically add new top-level pages to this menu

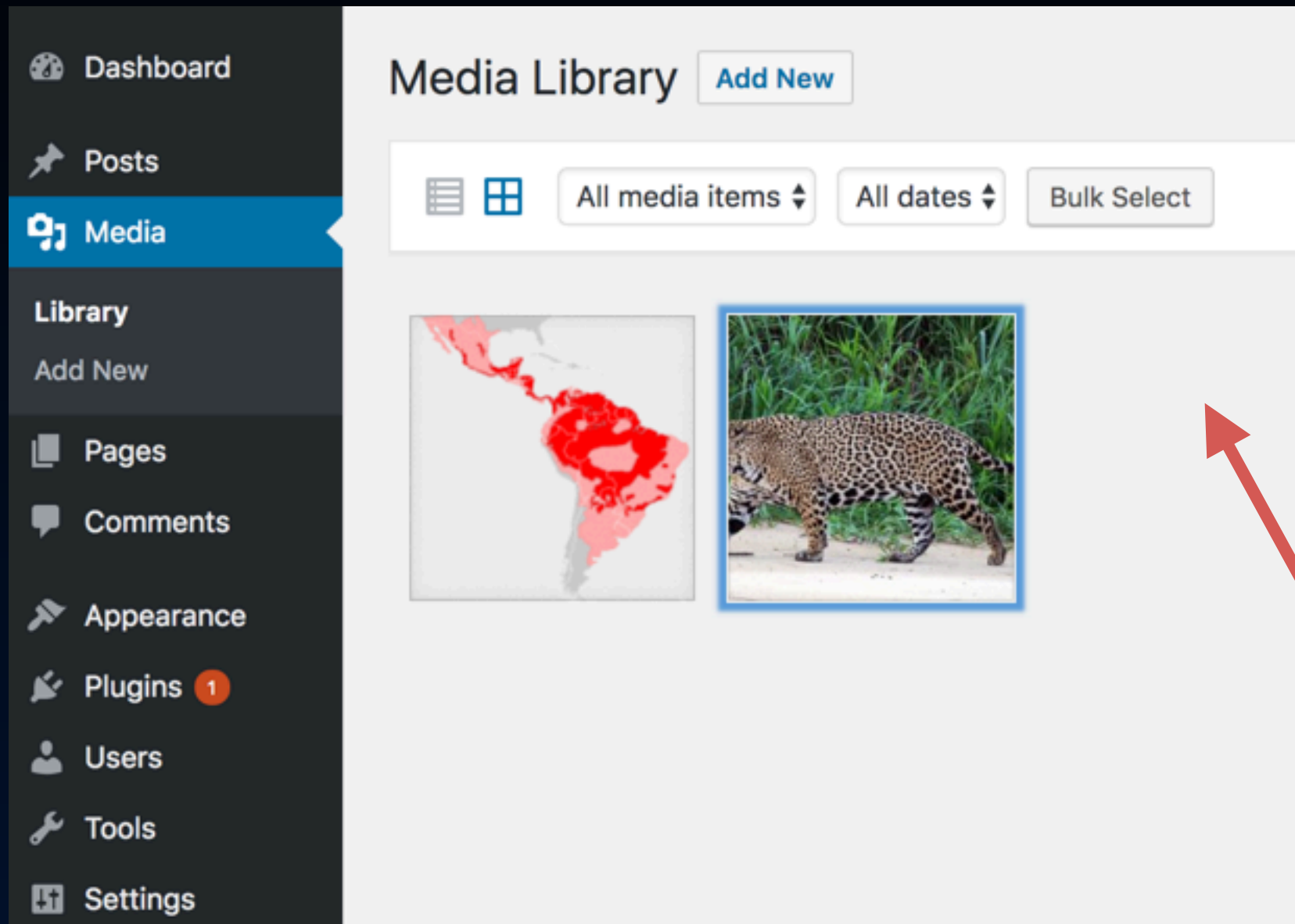
Display location ☒ Top Menu ☐ Social Links Menu

Select items to add to menu

Choices vary by individual theme

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

WordPress Media



Drag and drop
to add

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

WordPress Media

Attachment Details



Edit Image

File name: jaguar.jpg
File type: image/jpeg
Uploaded on: November 7, 2018
File size: 92 KB
Dimensions: 512 × 355

URL

Title

Caption

Alt Text

Description

Uploaded By admin

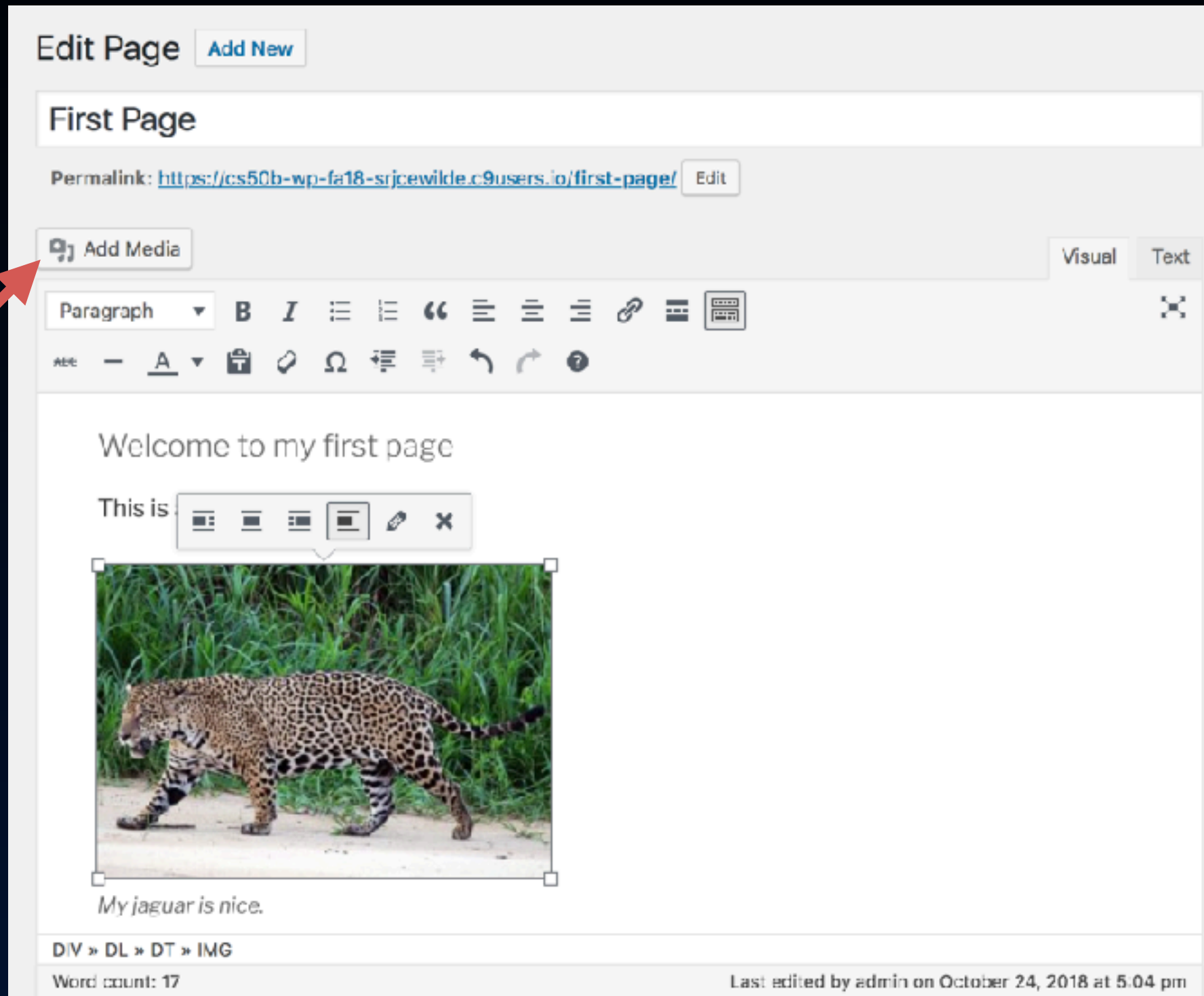
[View attachment page](#) | [Edit more details](#) | [Delete Permanently](#)

Set meta data for media files once here

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

WordPress Media + Editor

Insert
images



The screenshot displays the WordPress 'Edit Page' interface. At the top, there are buttons for 'Edit Page' and 'Add New'. Below this is a title box containing 'First Page' and a permalink box showing 'https://cs50b-wp-fa18-srjcewilde.c9users.io/first-page/' with an 'Edit' button. The main editing area has a toolbar with various icons, including a red arrow pointing to the 'Add Media' button. The content area shows a paragraph starting with 'Welcome to my first page' and 'This is', followed by an image of a jaguar. Below the image is the text 'My jaguar is nice.' The bottom of the editor shows a breadcrumb trail 'DIV » DL » DT » IMG', a word count of 17, and a timestamp 'Last edited by admin on October 24, 2018 at 5:04 pm'.

Edit Page [Add New](#)

First Page


Permalink: <https://cs50b-wp-fa18-srjcewilde.c9users.io/first-page/> [Edit](#)

[Add Media](#) Visual Text

Paragraph **B** *I*

Welcome to my first page

This is



My jaguar is nice.

DIV » DL » DT » IMG

Word count: 17

Last edited by admin on October 24, 2018 at 5:04 pm

<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

1. Review ideation phase methods/practices at designkit.org.
2. Revise site map / information architecture diagram as needed to dial-in your project plans.
3. Share your project proposal with classmates in Final Student Project Proposals discussion.

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

Planning Your Final Project

1. For this assignment, you will engage in the following DesignKit Ideation Methods:

A. Determine What to Prototype

<http://www.designkit.org/methods/34>

B. Rapid Prototyping

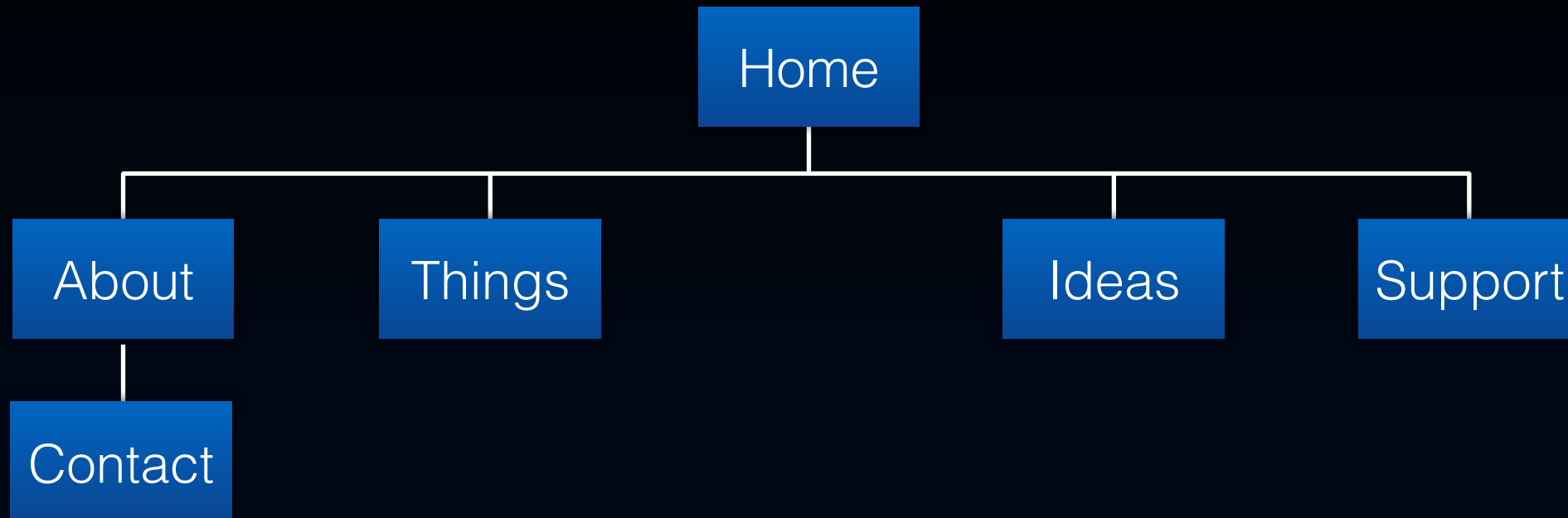
<http://www.designkit.org/methods/26>

C. Get Feedback

<http://www.designkit.org/methods/57>

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

Planning Your Final Project



2. Revised Information Architecture or Site Map

Update as needed the draft diagrammatic representation of your final project's information architecture, or site map, you already made. This should be a diagram of the pages you plan to contain in your final project site.

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

Planning Your Final Project

This is a graded discussion: 15 points possible due Nov 13

Week 12: Discussion 6: Final Student Project Proposals
Aug 27 at 11pm

Share Your Final Project Proposal

Participation in this discussion is required for this module.

Your participation is worth a maximum 15 points of your total class point score. In order to earn a full score of 15 points, you must post three or more times before this module closes.

A. This Week: Post your final project proposal here:

3. Share your project proposal with classmates in “Discussion 6: Final Student Project Proposals”.

[https://canvas.santarosa.edu/courses/32995/
discussion_topics/179154](https://canvas.santarosa.edu/courses/32995/discussion_topics/179154)

What to Do Next

- **Reading + Doing**

- Read *WordPress Complete* (6th ed.)
 - Chapter 4: Pages, Media, and Importing/Exporting Content
 - Read and conduct three specific Design Kit methods and document outcomes in your new WordPress site.

- **Homework**

- **Assignment 10: Site Building**
- **Discussion 6: Final Student Project Proposals**

- **Canvas Site**

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