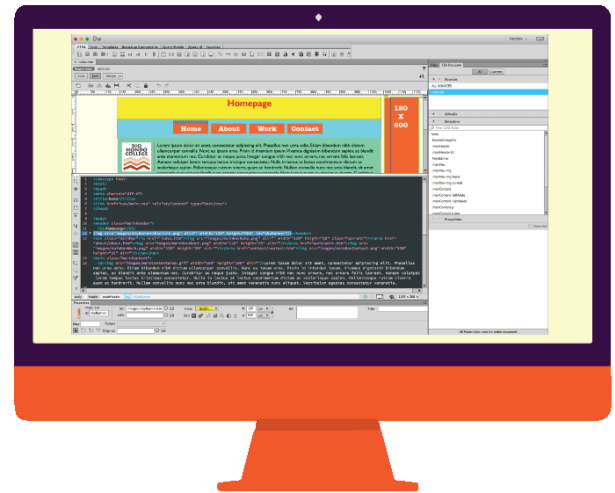# GDSN 162: Final Website

Objective:

Use the techniques learned during the term to plan, produce, and post a functional prototype website.

Process:

/ , **Create a 7-page (min.) website**

- You are going to create the same basic Box Model site you've been creating throughout the term.
  - All sections need to be a different color.
  - This is a functional site. Do not worry about how the site looks. Just make sure it works.
  - Create a folder and name it: **lastnameFinalSite** this is your Site Folder.
  - Inside of this folder create a folder named **assets** and a directory (folder) named **onsite**.
- The site layout dimensions are your choice. You should keep them close to the required dimensions we've been working with to keep it functional (900 pixels wide etc.).
- You can re-use images from our exercises, or you can make new images in Photoshop. Use place-holder text (from the Lipsum.com site) to fill content areas and to satisfy requirements.
- Use **lowercase** type only for all file and directory names. Use **camelCase** only for all multi-name file and directory names.
- You can re-use any element from a previous exercise.

As with all assignments, you should always take notes during the in-class demos and use these notes with the following instructions for a complete understanding of the assignment. Always work in Split view (Code and Page preview). Always work in Design view. You cannot edit the page in Live view. Since Mac OS is the main platform used in our classrooms and in the design profession, the instructions are tailored for that platform. If you have a PC, it is easy to 'Google' the equivalent OS steps needed to perform the instructed shortcuts and actions.

Adobe Photoshop changes since Ver. 22:

- **Please review the changes made to PSD since ver. 22**
  - There are videos and instructions about these changes inside the *Course Resources and other Goodies***! Module** of our Canvas site and on the *Exercise 1* **page** of our Canvas site.
- **Particularly important to your workflow are the instructions on how to work with and configure:**

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- The changed **Save As** option.
- The default **Save to Cloud** option back to saving on your computer.
- Getting rid of the **Welcome Screen** and the **New Document Window**.

2. **Structural section selector requirements**: You will determine the best selector properties for your layout dimensions and features. If you don't know how large to make them or how to style them, refer to some of the settings we used in previous exercises. The following names and properties are required. ***Do not use Black as a background-color for any section or page as it makes it difficult to see elements***.

- <header> named: **mainheader**
  - size, margin, padding, text, background-color: (your choice)
- named: **mainNav**
  - size, margin, padding, text, background-color: (your choice)
- <main> named: **mainContent**
  - size, margin, padding, text, background-color: (your choice)
- <footer> named: **mainFooter**
  - size, margin, padding, text, background-color: (your choice)

3. **Site requirements:** You can put most of the following requirements ***anywhere*** on the site. Make sure you list the location of each requirement on the ***Site Inventory,*** and you ***visually label them on the screen captures.*** **No element can count for more than 1 requirement.

    1) **assets folder**: All files used ***for your site*** but not ***on the site***. Clean out anything NOT used.
    2) **onsite directory**: Contains everything actually ***on the site***. Clean out anything not used.
    3) **css directory** (named: css) inside the onsite directory. Contains your ***main.css*** stylesheet for the site. Make sure ***all selector rules are in order***.
    4) **7 minimum images directories**. One in the root (global), one in every sub-directory.
    5) **7 pages minimum.** Required pages: ***home.htm, about.htm, contact.htm, work.htm*** (***advertising.htm***, ***branding.htm***, ***interactive.htm***)***.***
    6) **7-page document titles (WP-PP):** ***lastname: Home: Final, lastname: About: Final, lastname: Work: Final, lastname: Work: Advertising Final, Work: Branding Final, Work: Interactive Final, lastname: Contact: Final***
    7) **7 <h1> mainHeader titles:** One in each mainHeader section of the required pages. These need to have a text-color property
    8) **Site centered in browser:** margin auto left/right on the <body> or the sections.

9) **4 text-based links**: site-wide for all main pages with link and hover state colors (the footer is the obvious choice for these).

10) **Horizontal UL navigation**: with *hover* & *current* classes to all main pages placed in **mainNav** section (absolute-positioned UL in relative-positioned **mainNav**).

11) **3 Image-based navigation links:** These need to be located in the **mainContent** section of **work.htm, advertising.htm**, **branding.htm**, **interactive.htm**. These image links need to have *padding*, *margin*, *hover* & *current* classes to all **Work** sub-pages. **We used a UL Vertical navigation for this in our exercise but here you will use image-based links**.

12) **Skyscraper banner**: W: 120px X H: 600px. Positioned top-right outside header of any page (absolute-positioned image with **#ID** outside relative-positioned **header**).

13) **2 jpegs:** Placed anywhere. Must be separate from other requirements.

14) **2 pngs:** Placed anywhere. Must be separate from other requirements.

15) **3 working anchors:** These need to be on a single page.
   - There needs to be 3 text-based navigation links to 3 anchor destinations on a single page.
   - There need to be 3 top links.
   - Scroll-script is extra credit.

16) **1 image–map image**: with 3 organic links & 3 hotspots (2 absolute-outside site, 1 relative-inside site).

17) **1 functioning text-based email link:** (text needs to be the email address. Does not have to be a real working email address).

18) **1 functioning image-based email link:** (needs to be next to the email address).

19) **1 pdf link**: with file size, icon and link to file under 500k (can be a copy of a brief or any document).

20) **Floated image with text wrap:** padding & wrapped text in any **mainContent** section.

21) **aside section:** (floated left or right) with styled *placeholder image* **and/or** *text content*.

22) **1 full background image site-wide**: <body> Size: **cover**

23) **Tiled background image**: Large or small. (repeat, repeat-x or repeat-y).

24) **Positioned background image**: Inside any **mainContent** section (no-repeat, use %).

25) **2 transparent GIFs:** (same image, *one with matte*, *one without matte*. both need to be placed in any **mainContent** section side by side).

26) **javaScript date module:** styled and positioned in **all mainHeaders**.

27) **Functioning lightBox gallery:** 18 images (9 thumbs, 9 large), with captions, 3 sets of 3 with different subjects and captions on **Work page**. Place this under the image-based links.

28) **Home link image:** upper left *header* site-wide.

2, **Site uploaded to host:** This is one of the most important requirements. If you don't 'publish' your site and nobody can access it, then what's the point?

- You will need a website host and you will need to use an FTP application to upload your files.

- Start this as soon as it is introduced! If there are issues, we can solve them, but this is a difficult component to rush at the end of the term.

- Follow the instructions from our lectures and demonstrations.

- Submit the exact URL of your linked & working uploaded site saved as **lastnameFinalURL.PDF** in the assets folder inside the **lastnameFinalSite** folder.

3, **Screen Captures w/Browser chrome & clearly labeled requirements:**

- Create screen captures of *all pages* with the browser chrome (Command + Shift + 4).

- Layout the screen captures (Word, Google Docs, Illustrator, etc.) and *clearly label all requirements*. Use arrows, circles, boxes, colors and whatever else will make it easy to find and see where these requirements are.

4, These must be saved as a single PDF named **lastnameScreenCaps.pdf** with your name and class info on each page and placed inside your digital resource packet.

6. **Wireframes**:

- You will probably only have 2 wireframes. One for the main page structures and one for the Work sub-page structures. If you add pages with different lay outs you need to include their wireframes. *Clearly label all structural elements (box areas, ex. Header, navigation, main content, etc.) using color and arrows*. Next to the wireframe, list all pages that use that wireframe.

o Like the screen captures, these must be saved as a single PDF named **lastnameWireframes.pdf** with your name and class info on each page and placed inside your digital resource packet.

7. **Site Inventory list**:

- This is a list of the final site pages, and where to find the exact location of all the required content on the specific page.

- Use an outline format with numbers or bullets. *THIS IS A VERY IMPORTANT DOCUMENT AS IT IS WHAT IS USED TO FIND AND GRADE ALL THE REQUIREMENTS.*

- *Only list the requirements once!* Although some of them may be repeated in multiple locations in your site, only list the first appearance of the requirements.
- This must be saved as a single PDF named **lastnameSiteInventory.pdf** with your name and class info on each page and placed inside your digital resource packet.
- *A missing or inaccurate Site Inventory can make it impossible to grade the final.*

8. **Sitemap:**
    - This is a clearly labeled diagram of your site using colored section boxes, colored arrows, and colored text labels (avoid yellow as it is difficult to see against white).
    - This must be saved as a single PDF named **lastnameSiteMap.pdf** with your name and class info on each page and placed inside your digital resource packet.

9. **All PDF document requirements**:
    - Sitemap, Site Inventory, Screen Captures (with labeled requirements), Wireframes, and site URL need to have your **name, date, class, and assignment title** in the upper-right corner of the document AND page numbers for multiple paged documents.

10. **Digital Resource Pack:**
    - Digital: All the Final Website resources mentioned above must be organized into folders (see the Final Website Canvas page for a diagram showing the exact names and format) and placed in a a single folder named **lastnameFinalSite**. This will be compressed into a .zip file named **lastnameFinalSite.zip** with your name and class info on each page and placed inside your digital resource packet. You will upload this to the Final Website assignment page via the Submit Button in our Canvas site before the deadline. *Your upload may take a while to finish. Take this into account if you are uploading the assignment on the day it's due. Start your upload well before the posted deadline time so that it is not late!*

Congratulations! You're done!
Now go sign-up for GDSN 163 so you can practice!