

Midterm Checklist

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Files

The following link has the example files that are referenced in this document.

[Midterm Example Files](#)

Step 1: Plan

Create a plan for what your site is going to be, who will use it and why, the content for the site and the general design direction.

This is the *Project Brief Assignment* that you did for **assignment 9**.

Step 2: Create or Gather Content

This was **assignment 8**. Also you will be sharing content in your groups in the days ahead.

Step 3: Create GitHub Repository for your Project

Getting this set up early and remembering to make commits will

1. potentially save you when something goes wrong (it does for all of us at one point or another),
2. give you peace of mind,
3. give you a valuable skill that employers want. Most employers in the web design and development space use Git and GitHub and being able to work with them is a good thing.
4. **Connecting your local files to GitHub Repository:**
<https://vimeo.com/294400302>
The video shows how to do it in Atom and Brackets
5. **Typical Git/GitHub workflow:** <https://vimeo.com/294631726>

6. **Fixing one type of mistake with Git Force Push:**

<https://vimeo.com/294631667> This is for when you work on your local files without first pulling changes from the GitHub repository. Most people make this mistake at one time or another.

Step 4: HTML Page Structure

Here you set up the structure for each page. For the midterm project keep it simple and have the same basic structure for each page. That structure includes:

****Base HTML Elements:** ** Doctype, HTML, Head, Body. Tip: In Atom you can type ! and hit tab in a blank page and it will give you most of the basic structure.

The **videos in Week 7** also go through this

Step 5: Common Page Elements

Common Page Elements

These are (1) Site Header with Site Title, (2) Navigation (can be in the header with the site title), (3) main element, (4) Site Footer.

I have included a sample file with these elements in place. You can either copy and modify this or use it as a reference. It's **example-base.html**

Adding Navigation

The following code snippets will be useful when adding the nav

SNIPPETS LINK:

<https://gist.github.com/profstein/3a12695b6ec4ac638cf5581f54b00c59>

Navigation 1: Add basic Navigation.

Your basic navigation is a nav element with an unordered list inside with each item linking to one of your pages:

Navigation 2: Make the Nav Responsive

This video walks through the following steps to add navigation to your pages.

VIDEO LINK: <https://vimeo.com/296615691>

Add Nav.css file. (Use **nav.css** in the example files) Link the nav.css file to your HTML file (copy from Snippets link above) Add `#main_nav` id to your nav element Add the menu button element (copy from Snippets) Add link to Modernizr (copy from Snippets) Add link to jQuery (copy from Snippets) Add JavaScript to make nav work. (Use **script.js** file from example files) Add link to JavaScript file (copy from Snippets)

Step 6: Add content to your pages.

Part A: Wireframes to HTML Sections

You should already have a wireframe for how the content of your site will be placed on the page (From your plan in step 1). This part is where you create HTML section elements to represent the boxes in your wireframe. There is a video from Week 7 that covers this: <https://vimeo.com/294606693>

Part B: Add Content to the Sections

Here is where you add in the text and images. Make sure to also add consistent classes so that you will have styling hooks for your CSS later.

This was also covered in Week 7, <https://vimeo.com/294606911>

Also, please remember to use Git and make Commits and Push those to your GitHub repository. At some point in your life (hopefully not now) you will lose everything for a project or mess it up completely and this will be a big help. <https://vimeo.com/294631726>

NOTE: ARTICLES

For the articles I expect you to use the same basic layout for the two articles required on the midterm. Create a page with your article content first and then, when it's how you want it. Duplicate that and use the same structure for your

second article.

Step 7: Base Page Styles

There are some base styles that each page needs. For the midterm I would like you all to have at least the following 3 files. I have provided examples of each that you can add to your project and modify (except **normalize-reset.css** in the example files, just leave that one).

normalize-reset.css: Just use the file I provide without changes. This evens out differences among the browsers and gives you a base to work with.

typography.css: this sets the base-line typography for your site. Go in and change the fonts used and you can also change the sizes and spacing of the fonts. The example provided won't give your site a true typographic hierarchy. That is based on the content of your site and is something you will have to add based on your content and your design.

style.css: this is where you can place the site and page specific styling for your site. In the example I've provided I added in some CSS to help make the site responsive. You can leave that in as-is.

Step 8: Add in Your Base Layout

In this step you go in and give layout to your HTML page sections. In a fully responsive site you would use media queries to change this layout for different screen sizes.

Because you're learning, for the midterm project I will just ask that you do the layout for one of your screen sizes. If you want to start with the mobile layout that's fine. It's the simplest as most of the time you don't even need a grid and can just let elements come one after the other.

At some point I will replace this text with some resources on how to use media queries to add breakpoints so your site layout can change for different screen sizes.. This will be extra credit for the midterm (required for the final).

Step 9: Site Design

Here you add in your styles for the major design elements like color palette and typographic hierarchy

Step 10: Finishing Touches for the Design

Go through each page and look over the design and use the Gestalt Principles and other design concepts to evaluate whether your design is communicateing the message and atmosphere that you intended and adjust as necessary.

Step 11: Deploy your site on GitHub Pages

This video walks through publishing your site with **GitHub Pages**:

<https://cl.ly/b9da3934c030>