

# WEB DESIGN PROJECT

**STEP      NAME                      DETAILS**

**1**

**WHAT IT IS**

Create a web site about a topic of your choosing that is at least four pages. One example is a “choose your own adventure” style story. You could also make a portfolio to display the projects from our class or just things that you’ve made or are interested in.

The site has to be at least **four pages**, but you can make more if you like.

**2**

**ORGANIZE**

- For this project you only need a browser, but you may want to have Photoshop or Illustrator or After Effects available if you are going to create media for the site.
- Your web files will be on Replit, but it still makes sense to create a folder on your computer to store all of the files for the project. You should also have a single folder for the whole class where all of the projects and practice files will go so it is easy to find.
- You will need a [Project Description Document](#). There is a Google Docs template. To use the template, either download as MS Word, or make sure you know which google account you save it as so you can export it at the end.

**RESOURCES**

Project Description Document Template:

<https://docs.google.com/document/d/1--l4HleGvUkjSrdVcKxr7y9hpgnj6xfO0AU1To59sUM/edit?usp=sharing>

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**CREATE SITE MAP**

- You will need to create a site map for your project. The purpose of the site map is to define what pages will be in your web site and how they link together. I have created a site maps space for each of you in a Miro document. Find your site map (in alphabetical order by first name) and create it. You can copy one of the site maps from my examples. The last one (the bottom of the column) is a simple four page site map. **Remember that each square on the site map represents one page of your site.** You should only include the page title in the square, not any of the content. *If you have trouble using Miro or want to use an alternative, Let me know ASAP.*

**RESOURCES**

- Web Design Miro with space for your site map:  
[https://miro.com/app/board/uXjVNQrwWh4=/?share\\_link\\_id=674922291481](https://miro.com/app/board/uXjVNQrwWh4=/?share_link_id=674922291481)

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**CLAIM REPLIT PROJECT**

- You will need to do the following to claim your replit project for the class:
  - Get a [GitHub](#) Account
  - Use the GitHub account to sign in the [Replit](#)
  - Join our class team: [JOIN LINK](#)
  - Go to our Team in Replit
  - Click on Start Project for the Web Design Project

There is a video walkthrough of this in resources below

**RESOURCES**

- Video Explanation:  
<https://www.dropbox.com/scl/fi/i9fcwzpiox4k42ocoiij1/Web-Project-Start.mp4?rlkey=oevabc209pf6fu693y8bzmkg6&dl=0>
- Replit Join Link:  
<https://replit.com/teams/join/xjtkizgwigwsegjsuakgsqrdzxjniys-mmp100f23>
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## CREATE HTML FILES

Create the four (or more) pages from your site map. There will be an index.html page already available in your site. You can use this for the home page and then create the other pages.

### BASE ELEMENTS

Remember to include the Base Elements for the page (they are already there in the index.html file).

The base elements are required to set up your page. These are not content elements. **All** your pages should include the required base elements

- doctype
- html
- head
- title
- body

Remember that you can get all of these through the Emmet shortcut:

- Create a new .html file
- Type ! then press the tab key
- Remember to copy the <link> element from the index.html file to link your stylesheet.

## RESOURCES

- There is an animated GIF in the Instructions tab of your Web Project on Replit.

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## REQUIRED CONTENT ELEMENTS

Make sure each page of your project has all of the elements

Each HTML page should have at least one each of the following elements – you can use more:

- h1 (page heading)
- p (paragraph)
- img (image)
- a(link).
  - Always include an option to go back to the home page (index.html) on every page.

Proper Image use and Credits

Make sure you only use Creative Commons or Public Domain images and that you attribute them directly on the page. If you use your own images, credit yourself.

## RESOURCES

- Look at what we did in our Group project in Replit. Those projects should have all of the content elements.
- The Web Design Miro has examples of the Most Common HTML elements.

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**STYLE YOUR PAGES**

Use CSS to style your pages. REMEMBER to write your CSS in the style.css file or another external file.

If the CSS file is not linked to the HTML page with a <link> element then it will not apply to that page.

Use at least the following properties - you can use more:

- color
- font-size
- font-family
- background-color
- Extra Credit:
  - margin and/or padding
  - width

**RESOURCES**

- [Example CSS](#) Codepen
- Web Design Miro has CSS information
- [CSS Centered Layout](#) Codepen
- [Basic CSS Grid](#) Codepen

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**PROJECT DESCRIPTION DOCUMENT**

- You will need a [Project Description Document](#). There is a Google Docs template. To use the template, either download as MS Word, or make sure you know which google account you save it as so you can export it at the end.

**RESOURCES**

Project Description Document Template:  
<https://docs.google.com/document/d/1khX8mdr9ZzfPr5nDihnpfJqpMezWhK5AQdZfXcHCRVc/edit?usp=sharing>

# RUBRIC

This is the rubric that will be used to score the project.

1	<b>SITE MAP</b> There is a site map diagram that shows each of the pages of the site. The diagram makes it clear what is the home page and how the pages are linked.	10%
2	<b>WEB SITE PAGES</b> 1. There are at least 4 html pages. Each page has the required base elements (these are not the content elements). <ol style="list-style-type: none"> <li>1. doctype</li> <li>2. html</li> <li>3. head</li> <li>4. title</li> <li>5. body</li> </ol>	15%
	<b>PAGE CONTENT</b> Each HTML page should have at least one each of the following elements – you can use more: <ul style="list-style-type: none"> <li>• h1 (page heading)</li> <li>• p (paragraph)</li> <li>• img (image)</li> <li>• a (link).             <ul style="list-style-type: none"> <li>• Always include an option to go back to the home page (index.html) on every page.</li> </ul> </li> </ul>	30%
3	<b>CSS FILE</b> There is an External CSS file. This file is linked to all of your HTML pages.	5%
4	<b>CSS FILE CONTENT</b> Use at least the following properties - you can use more: <ul style="list-style-type: none"> <li>• color</li> <li>• font-size</li> <li>• font-family</li> <li>• background-color</li> <li>• Extra Credit:             <ul style="list-style-type: none"> <li>○ margin and/or padding</li> <li>○ width</li> </ul> </li> </ul>	20%
6	<b>DESCRIPTION / ATTRIBUTION</b> There is a project statement document that provides the information outlined in the project statement template. All images and other media are licensed to use (Creative Commons, public domain, or you created them)	5%
7	<b>EXECUTION</b> The project has a clear topic and the content fits the topic. People are able to navigate to all of the pages using hyperlinks on the page.	10%
8	<b>ACCESSIBILITY</b> All text is readable with sufficient color contrast between the background color and the text color. All images have alt attributes. If additional headings are used after the h1 page title they are used in appropriate order (h2, h3 ...) and no levels are skipped.	5%