

PROJECT 3 SPECIFICATIONS – PART 2

GET STARTED ON PROJECT 3 IMMEDIATELY!

PROJECT OVERVIEW

Project 3 is the culmination of all the content you have learned over the past many weeks. Because you will not be able to submit Project 3 more than once – it is critical that you take your time, and carefully review these specifications, as well as the feedback you have had from previous assignments and projects.

DIRECTORY STRUCTURE

In **Project 3 Part 1**, you created the outline of the following pages.

Homepage (index.html)

Join Us

Contact Us

Student Choice

Based on your topic, the above page names may be different. They should make sense for your organization or group. For example, if you are working on the local band website, you may have a "Become a Fan" page for the "Join Us" page.

CONTENT NOTES

Your website will need images and content filler (text). You may not copy an existing website, its images, layout, or content. If you are struggling with filling in some of the text or images – there are options available to help! You may use “lorem ipsum” text generators if you’re stuck. There are many text generators online that you can find with a quick Google Search. Pick one you like (bacon ipsum, Bob Ross lorem ipsum, pirate ipsum, cupcake ipsum, etc) and have fun with it!

Images can be used if you own the rights to the image, or if the image is freely available (creative commons licensing). You can find many free images by using the links found in the Blackboard Sidpanel Info & Resources section: [Resources](#) > [Free Images and Icons](#) (This is located near the bottom of the Resources Section)

If you use images that are not yours or “free” from – you must cite your references appropriate to give credit to the content creator.

GENERAL REQUIREMENTS

- ☐ Must provide an attractive and usable layout on all pages. Attractive is a subjective term, but overall the pages should have complimentary colors, appropriate fonts, well-formed layouts, adequately sized images, and meaningful content.
 - ◇ *The layout and styles cannot be a copy of the Crown Coffee website*
 - ◇ *Do not copy paste Project 2 and make a few changes*
- ☐ Must demonstrate the use of the float property on at least one page.
- ☐ All images used *must* be responsive. Meaning, they should scale with the viewport size.
- ☐ At least one page must include an HTML table.
- ☐ All pages must have adequate *margins* and or *padding* so content is not crowded and is legible.
- ☐ Each page should include a **consistent** header, footer, and navigation.

MAIN.CSS

- ☐ Must contain the styles for the header, footer, and navigation.
- ☐ Any styles that are used on each page of your site should be included in the **main.css**.
- ☐ Must include a media query for when the viewport *is less than or equal to 40em* (640px). Change some styles, so that when the viewport is reduced to mobile phone size, the site is improved. Some ideas or things you can consider:
 - Modify the heading sizes
 - Add or reduce margins or padding where appropriate
 - Increase the size of links to be more "finger-friendly."

HOMEPAGE (INDEX.HTML)

- ☐ Must be named **index.html**
- ☐ Must contain at least one image (which is responsive).
- ☐ Provide content describing the organization's or group's purpose.
- ☐ Any styles that apply to just this page should be in their own external style sheet.

JOIN US

- ☐ Must contain a form allowing users to join the group or organization.
- ☐ Provide content describing the form's purpose

The form must contain the following:

- ☐ At least one text input
- ☐ Checkbox selections

- ☐ Radio selections
- ☐ At least one dropdown selection
- ☐ At least one input should be required
- ☐ Every input must have an associated label
- ☐ Every input must include a **for** and **id** attribute to be connected to its corresponding label
- ☐ All input must make it to the <http://itins3.madisoncollege.edu/echo.php> and use the **post method**.
- ☐ Any styles that apply to just this page should be in their own external style sheet.

CONTACT US

- ☐ Must include information on how users can contact the group or organization.
- ☐ Must include hours of operation (this may be modified slightly if your website has different needs)
- ☐ Must include a contact form with 4 or more fields
- ☐ Every input must have an associated label
- ☐ Every input must include a **for** and **id** attribute to be connected to its corresponding label
- ☐ All input must make it to the <http://itins3.madisoncollege.edu/echo.php> and use the **post method**.
- ☐ Any styles that apply to just this page should be in their own external style sheet.

STUDENT CHOICE

- ☐ This page is up to you! This could be an "upcoming events" page or a "meet our staff" page. Think about what a good fit for your organization or group would be.
- ☐ Must contain at least one image (which is responsive).
- ☐ Any styles that apply to just this page should be in their own external style sheet.

COMPLETING THE PROJECT

Remember – Project 3 is a one-time submission. Here are some suggestions for you before you submit, although you can make a list of more ideas:

- ◇ Check that every link works
- ◇ Check that the forms submit all values (correctly) to the server.
- ◇ Make sure all images are visible
- ◇ Review past feedback on your assignments and compare that to your current work
- ◇ Review all the Coding Standards carefully
- ◇ Carefully review the HTML and CSS code for legibility, indentation, spacing, etc.
- ◇ Make sure everything validates properly

VALIDATION (HTML)

- ◇ Go to <https://validator.w3.org/>
- ◇ Click on the Validate by File Upload

- ◊ Click on the **Choose file** button and navigate to the location of your **index.html** document.
- ◊ Click the **Check** button
- 1. Print and save as a PDF and save the validation in a folder called **validations** in your **project03** folder
 - ◊ Name the PDF **indexHTML.pdf**
- 2. Repeat this process for all html pages, renaming the file per page

VALIDATION (CSS)

- ◊ Go to <https://jigsaw.w3.org/css-validator/>
- ◊ Click on the **by File Upload** option
- ◊ Click on the **Choose file** button and navigate to the location of your **main.css** document.
- ◊ Click the **Check** button
- 3. Print and save as a PDF and save the validation in a folder called **validations** in your **project03** folder
 - ◊ Name the PDF **cssMain.pdf**
- 4. Repeat this process for all CSS pages, renaming the file per page

BLACKBOARD SUBMISSION



- 5. Compress your entire **project03** folder to a **.zip** (zipped) file.
- 6. Do not zip the **projects** or **Web Development** folders.
 - ◊ Your project contents may vary but should have at the minimum: **images**, **styleSheets**, and **validations** folders, with html files images, validation files, and css files in their proper folders.
- 7. Upload the **.zip** file to the submission link to **Blackboard > Module 3 > Week 16 > DO > Project 3 Submission**