Project 3

The third project will continue with the development of the Arte del Mundo site by incorporating styling and incorporating a table as well as creating a simple personal portfolio website.

> **Get started on project 3! Do what you know and check it off, you can come back and finish more later. The point is to not leave it to the last minute, otherwise, you will not finish.**

To create the files for Project 3, copy the entire project02 folder. Rename the project02 folder to project03. This way, you will not be overriding your work you completed in Project 2.
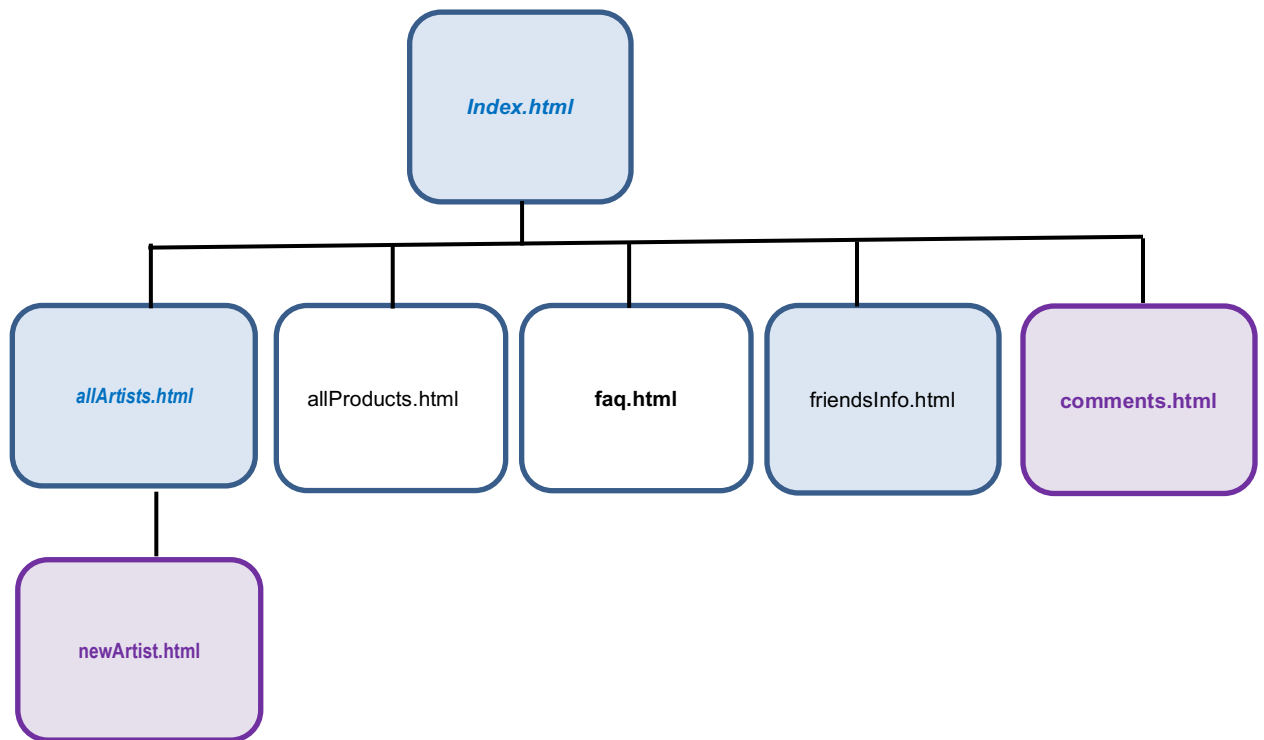
Arte Del Mundo Developed Webpages

HTML	CSS
1. *index.html*	1. index.css
2. *allProducts.html*	2. allProducts.css
3. *allArtists.html*	3. allArtists.css
4. *faq.html*	4. faq.css
5. *friendsInfo.html*	5. friendsInfo.css

Arte Del Mundo - New or *Modified* Webpages, stylesheets, and JavaScript

HTML	CSS	
1. *index.html*	1. *index.css*	1.
2. allProducts.html	2. allProducts.css	2.
3. allArtists.html	3. allArtists.css	3.
4. faq.html	4. faq.css	4.
5. friendsInfo.html	5. friendsInfo.css	5.
6. comments.html	6. comments.css	6. comments.js
7. newArtist.html	7. newArtist.css	7. newArtist.js

Arte Del Mundo Project storyboard

A storyboard is a tool that helps visualize what the final Arte Del Mundo website will look like. Below you see the HTML files you will need to create for this project. The lines illustrate links to each of the pages. The home page (index.html) has links to all the pages below. The main navigation will not change, but the comments page link will be access through a newly added link within the index.html body.

```
                              Index.html
                                  |
     ┌─────────────┬─────────────┼─────────────┬─────────────┐
allArtists.html  allProducts.html  faq.html  friendsInfo.html  comments.html
     |
newArtist.html
```

Arte Del Mundo - General Styling

The following styles will be applied to every web page and should be included in <u>EVERY</u> .css file linked to a HTML page:

- Navigation styling (this styling will be included on all pages)
  - Modify the navigation links so they are centered on the page
  - Modify the navigation links so they are bolder
  - Change the color of the navigation links so they are no longer the default blue
  - Create a hover style, so that when the viewer hovers over the links they change color and display a text shadow.
- Main Heading
  - Center the heading
  - Display in a different color other than the default color
  - Display the text in a larger font size than the default for h1 element
  - Include a background color to highlight the main heading

Home • All Products • All Artists • FAQ • Friends

ARTE DEL MUNDO ®

- Footer stylings
  - Modify the revision/author information so it is displayed on the right side of the page
  - Change the color of the navigation links so they are no longer the default blue.
  - Modify the background color so that it is different than the color of the body. Use a hex value for the color
  - If the footer contains links as images, the link(s) should be centered
  - Note the text within the footer may be different from page to page

Our Pledge: Be assured that no information that you provide will ever be released to any other agencies or companies.

INSIDE ARTE DEL MUNDO: If you are already a Member Artist, and would like to begin selling an additional category of products, please fill out a New Product form, and submit it to be processed. Note that it may take several weeks to process, since it does involve modifications to some of the web pages.

Revised 07/2018 your name webmaster@artedelmundo.com

⊙ Back

Revised 07/2018 your name webmaster@artedelmundo.com

⊙ Top of Page   ⊙ Back

Revised 07/2018 your name webmaster@artedelmundo.com

Home Page (index.html/index.css)

Modify the image so that it floats to the left. From Project 2, it was already on the left side of the page, but no other text was on the right. We want to fill this previously open space.

Modify the Customer Comments section

- o If this aside element is not structurally placed directly before or after the image in the HTML element, do so now.
- o Float this Customer Comment information to the right side of the page
- o Add a link that is centered at the bottom of the Customer Comments section.
    - ▪ The linked text should be: `Care to add a comment?`
    - ▪ Link the link to the `comments.html` page (this page will be newly added in this project

Sample Home Page with modifications and floated content (index.html)

Customer Comments (comments.html/comments.css/comments.js)

Include all of the same header and navigation found on all the other web pages

Include a footer with a back button to return to index.html

The title that appears in the browser tab should read, "Customer Comments"

Provide brief instructions to the viewer indicating that the form is for a customer to send in a comment of any kind to Arte del Mundo staff

Copy the starting Customer Comment HTML form

       Located on **Blackboard > Week 15 > Project03**

       Paste content into a new **comments.html** document

       This form does not work properly as is. Modify the HTML so that it works properly.

       All entered data should make it to the http://it.madisoncollege.edu/echo.php server

       Apply some CSS to improve the form's appearance

Add the following input validation to the **comments.html** form

       All JavaScript must be in functions, in the **comments.js** file (which must be created).

       First Name

              Must contain at least 1 characters, the first character are required to be letters of the alphabet

              Cannot contain more than 20 characters

              If field fails validation, an appropriate error message must appear. The error message can be an `alert()` method or message on the webpage

       Last Name

              Must contain at least 2 characters, the first 2 characters are required to be letters of the alphabet

              Cannot contain more than 20 characters

              If field fails validation, an appropriate error message must appear. The error message can be an `alert()` method or message on the webpage

       Comments

              Must contain at least ten characters

              If field fails validation, an appropriate error message must appear. The error message can be an `alert()` method or message on the webpage
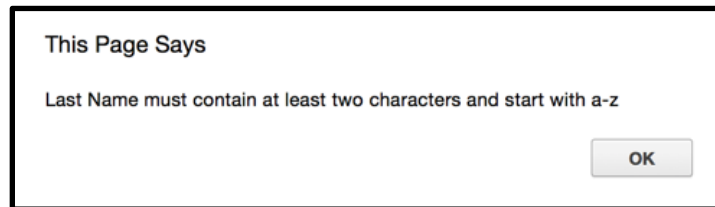
First Name:	First Name
Last Name:	Last Name
Comments:	

Key in your comment here, and click the Submit button

Other Requirements

If any of the above fields fail validation, an appropriate error message must appear. The error message can be an alert method or message on the webpage

- alert() method

- message on the webpage (extra credit if done for all input fields, including added input fields)

If any of the above fields fail validation, submission to the server must be blocked.

If a text box fails validation, a focus() and or a select() method must be used on the tested field.

If you are displaying an error message on the page (extra credit), Once the errors have been corrected and the user clicks the Submit button, all error messages and styles must be cleared.

If you are displaying an error message on the page (extra credit), the Reset button--in addition to clearing the field values--must clear all the error messages and error styles from the webpage. Use onreset event handler that calls a JavaScript function to accomplish this.

You will be adding a button or checkbox to the webpage that when clicked, adds new elements to the form on the webpage

After the comments input, create a button or checkbox

The text for the button or checkbox displayed text should read, "Click here if you would like a staff member to contact you"

Add an onclick event handler to the button that calls a JavaScript function described below.

In JavaScript, create a function that is ran when the user clicks the above button or checkbox

The new inputs must be included on the page by using the innerHTML property and not the document.write() method.

The JavaScript function needs to include the following two fields after the comments input, but before the Submit and Reset buttons

- 1. Telephone field
- 2. Email address

No validation needs to be done to these two new inputs

Apply any necessary CSS to style additions to the form

☑ Check if you would like a staff person to contact you

┌─ Contact Info ─────────────────────────────┐
│   │
│ Local Telephone: [Telephone Number   ] │
│   │
│   │
│ Email: [Email Address   ]│
│   │
└──┘

Sample Customer Comments Page

Sample Customer Comments Page with checking

Sample Customer Comments/Echo Page

Request Parameters

Here are the request parameters you sent to me.

firstname	Lori
lastname	Rodas
comments	As a customer of Arte Del Mundo, I would like to see more discounts please!
telephone	608-246-6701
email	llkelley@madisoncollege.edu

Back You Go!

All Artists Page (allArtists.html/allArtists.css)

Include brief instructions at the top of this page as follows:

Want to sell your products with Arte del Mundo? If you are an artist wishing to sell a product, but are not yet affiliated with Arte del Mundo, please fill out the New Artist Form.

Apply styling to make this new information stand out, but be consistent with your site design

The words, "New Artist Form", must be a link to **newArtist.html** (new page)

The link should open the form in a new tab

Sample Artists Page with linked styling (partial screen shot)

New Artist (newArtist.html/newArtist.css/newArtist.js)

The file name for this webpage must be newArtist.html

Include all of the same header and navigation found on all the other web pages

Include a footer with a back button to return to index.html

The title that appears in the browser tab should read, "Join the Arte del Mundo Artists Family"

A main heading should read, "New Artist Application Form"

A sub-heading should read, "For Use by Artists Wishing to Join the Arte del Mundo Family of Artists"

Place brief instructions for using this page after the sub-heading as follows

Please fill out the form below if you are an artist that wishes to begin selling your artwork via the Arte del Mundo website. The information gathered will be used by staff to help build a webpage about you and your artwork. A staff member will contact you to discuss your future website. Please wait approximately 24 hours for an artist ID and password to be provided

All entered data should make it to the http://it.madisoncollege.edu/echo.php server

Apply some CSS to improve the form's appearance

Home • All Products • All Artists • FAQ • Friends

NEW ARTIST APPLICATION FORM

For Use by Artists Wishing to Join the Arte Del Mundo Family of Artists

Please fill out the form below if you are an artist that wishes to begin selling your artwork via the Arte del Mundo website. The information gathered will be used by staff to help build a webpage about you and your artwork. A staff member will contact you to discuss your future website. Please wait approximately 24 hours for an artist ID and password to be provided.

Add the following input validation to the **newArtist.html** form

Field	Field length	Field type	Notes
☐ Artist First Name	20	Text	
☐ Artist Last Name	25	Text	
☐ Artist Street Address	35	Text	
☐ Artist City	20	Text	
☐ Artist State	20	Text	
☐ Artist Zip	15	Text	
☐ Artist Country		Dropdown	Place about 10 countries in the dropdown Make up a code for the `value` attributes
☐ Gender		Dropdown	Dropdown options are: female, male, and not answered Make up a code for the `value` attributes
☐ Artist Telephone	15	Text	
☐ Artist Email	40	Email	
☐ Media in which artist works		10 checkboxes	Checkboxes are: Ceramic, Fabric, Metal, Paint, Wood, Plastic, Paper, Stone, Glass, and Other
☐ Discount for Quantity?		Radio buttons	Yes and No choices **No should be set as the default** Make up a code for the `value` attributes
☐ Work under professional name?		Radio buttons	Yes and No choices **No should be set as the default** Make up a code for the `value` attributes
☐ Agree to sell only own work?		Radio buttons	Yes and No choices **Yes should be set as the default** Make up a code for the `value` attributes
☐ Password	15	Password	
☐ Password Confirm	15	Password	
☐ Brief Artist Biography	1000	Textarea	This needs to be a text*area*, not a `<input />` field

Center the form

Style the form similar to the following

┌─ Artist Information ──┐

Artist Legal Name: [First name]   [Last name]

Address: [Street Address]

City: [City]   State: [State, Province or Region]   Zip: [Zip or Mailing Code]

Country: [Please select... ▼]

Gender: [Please select... ▼]

Local Telephone: [Telephone Number]

Email: [Email Address]

└───┘

┌─ Media in which you work ─────────────────────────────────────┐

☐ Ceramic ☐ Fabric ☐ Metal ☐ Paint ☐ Wood ☐ Plastic ☐ Paper ☐ Stone ☐ Glass ☐ Other

└───┘

┌─ Agreements ──┐

Discount for Quantity?   ○ Yes ● No

Work under professional name?   ○ Yes ● No

Agree to sell only own work?   ● Yes ○ No

└───┘

┌─ Account Security ──┐

Password: [   ]

Confirm
Password: [   ]

└───┘
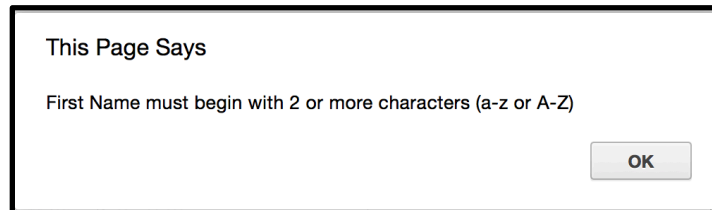
Provide a brief biography

[   ]

[Submit My Comment]   [Clear form]

All JavaScript must be in functions, in the **newArtist.js** file (which must be created).

All of the fields on the form are required

> All text input fields should use a reasonable minimum length and indicated maximum length

> All dropdown selections must have a single value selected and sent to echo program

> All radio buttons have a default value and should send either y or n to echo program

> Checkbox values should have individual entries sent to echo program

> Password and confirm password should both be the same value and sent to echo program

If <u>any</u> of the above fields fail validation, an appropriate error message must appear. The error message can be an alert method or can use the HTML pattern attribute

- alert() method

> **This Page Says**
>
> First Name must begin with 2 or more characters (a-z or A-Z)
>
> OK

If <u>any</u> of the above fields fail validation, submission to the server must be blocked.

If a text box fails validation, a focus() and or a select() method must be used on the tested field.

If you are displaying an error message on the page, Once the errors have been corrected and the user clicks the Submit button, all error messages and styles must be cleared.

The Clear form button must clear the field values

Sample New Artist Form Page

NEW ARTIST APPLICATION FORM

For Use by Artists Wishing to Join the Arte Del Mundo Family of Artists

Please fill out the form below if you are an artist that wishes to begin selling your artwork via the Arte del Mundo website. The information gathered will be used by staff to help build a webpage about you and your artwork. A staff member will contact you to discuss your future website. Please wait approximately 24 hours for an artist ID and password to be provided.

Artist Information

Artist Legal Name: [First name] [Last name]

Address: [Street Address]

City: [City] State: [State, Province or Region] Zip: [Zip or Mailing Code]

Country: Please select...▾

Gender: Please select...▾

Local Telephone: [Telephone Number]

Email: [Email Address]

Media in which you work

☐ Ceramic ☐ Fabric ☐ Metal ☐ Paint ☐ Wood ☐ Plastic ☐ Paper ☐ Stone ☐ Glass ☐ Other

Agreements

Discount for Quantity? ○ Yes ● No

Work under professional name? ○ Yes ● No

Agree to sell only own work? ● Yes ○ No

Account Security

Password: [ ]

Confirm Password: [ ]

Provide a brief biography

[ ]

[Submit My Comment] [Clear form]

◀ Back

Revised 07/2018 your name webmaster@artedelmundo.com

Sample New Artist/Echo Page

Request Parameters

Here are the request parameters you sent to me.

firstname	Lori
lastname	Rodas
streetAddress	1701 Wright Street
city	Madison
state	WI - Wisconsin
zipcode	53704
country	USA
gender	NA
telephone	(608) 246-6701
email	llkelley@madisoncollege.edu
mediawood	wood
mediaplastic	plastic
mediapaper	paper
quantityDiscount	y
professionalName	y
sellOwnWork	n
spassword	mypassword
cpassword	mypassword
biography	I am excited to work on custom products for you! Just send a picture and I can paint it as an abstract portrait for you

Back You Go!

Grading

Project 3 is worth 25 points. I will be grading your project based on how well you followed the above directions by viewing your website that you submitted to Blackboard. Before submitting your project, you should verify that the pages have been developed following the above guidelines and that all links are working. I will be looking at your source code for any standard violations and coding errors.

Point scale

Grade Item	Point deduction
Missed requirement	-0.5
Broken link	-0.5
Standard violation	-0.25
General coding error	-0.25

Validate Your HTML

☐ Open a new tab in the browser and go to **validator.w3.org**

☐ Click on the "Validate by File Upload" tab

☐ Click on the "Choose file" button and navigate to the location of your index.html file located in your *project03* webPages folder.

☐ After selecting your index.html file for validation, click the "Check" button

☐ Correct any warnings and errors. Revalidate after corrections.

☐ Print the screen and save the output to the *project03* folder in a PDF document named **validationIndex.pdf**

☐ REPEAT THE ABOVE STEPS for all the other pages

☐ Did you run each of your CSS through a CSS validator? **jigsaw.w3.org/css-validator/**

Assignment Submission
- Zip up the files in the **project03** folder
- Submit the **project03.zip** file using the Blackboard submission link