

# INFO 2420 Project 8

## Dynamic Web Template

### Introduction:

The Expression Web environment makes organizing a website very easy. In this project we will begin to assemble your business' final website by creating a template, making new pages and copying page content you have already created. When you successfully complete this Project8, your business website will be mostly complete!

### Getting Your Project 8 Folder Set Up

**Step 1.** Create a folder called **Project8**.

Copy the following pages into your Project8 folder.

- index.html page from Project5 (with the imagemap graphic)
- Home.html from Project7
- mystyles.css from Project7
- myscripts.js from Project7

**Step 2.** Create an **Images** folder in your Project8 folder.

Copy the needed images into this Images folder:

- All the image folders from Project7
- ImageMap graphic- from Project5
- All images from Project3

### Creating and Using a Dynamic Web Template

**Step 1.** In Dreamweaver, click on Site > New Site and choose your Project8 folder. The **Home.html** page will become a sample page from which we make the dynamic web template. Open the Home.html page.

Save the sample Home.html page as a Dynamic Web Template using the **File > Save As Template** menu option. Save the template with the name of your business.dwt: i.e. **ExtremeHoneymoons.dwt**. If prompted to Update Links, click on Yes.

Create an **editable region** for the section element(s) by selecting the placeholder and then using the **Insert > Template > Editable Region** menu option. Name this editable region: **PageContent**. Save the template file.

## Step 2. **Create Print.css style sheet**

Create a new **print.css** style sheet. Copy your mystyles.css style sheet code into the print.css style sheet.

Using the suggestions from the PrintMobile slideshow and practice, make changes to your CSS style rules in the print.css to make your pages in this site more print friendly.

- Make your background white and your text color black. Set the width of the container of your site to be 100%. If you don't have a container, set the width of the <header> and <section> elements to be 100%.
- Choose a serif font for your content in the body as it is more printable.
- Set the left column (or <nav>) to display:none so the navigation will not be printed. Set right column (or <article>) width to be 95%, so it still has some space on edges. Remove right column floating. □ Set the footer to display:none so it will not be printed.

Link this new print.css style sheet to the template page in the <head> with the <link> tag. Add the **media="print"** media type attribute to your <link> tag.

## Step 3. **Applying the template to the existing Home.html.**

- Open the Home.html page.
- Select Tools > Templates > Apply Template to Page.
- From the Select Template dialog box, choose your template from the list, then click Select.
- Save the Home.html page again.

Make sure the page title is set to be the **Business Name: Home.**

## Step 4. **Creating the AboutUs.html page using the Dynamic Web Template**

On the Home.html page, change the page title to **Business Name: About Us.**

Delete the page content from the editable region in <section> element. Go to your AboutUs.html page from Project3 and copy out the content inside the body (not including the <body>) and paste it in the editable region. **Save the page as AboutUs.html.**

Make sure you have moved embedded style sheet rules to your mystyles.css external style sheet. Make sure the selectors or classes from your external style sheet are formatting the content as you wish. Also make sure your images are showing up, if not check your image paths.

**Note:** Paragraphs in your content area should not be centered as this makes reading them harder.

**Step 5. Creating the Tributes.html page using the Dynamic Web Template**

On the AboutUs.html page, change the page title to **Business Name: Tributes**. Delete the page content from the editable region in <section> element. Go to your Tributes.html page from Project3 and copy out the content inside the body (not including the <body>) and paste it in the editable region. **Save the page as Tributes.html.**

Make sure you have moved embedded style sheet rules to your mystyles.css external style sheet. Make sure the selectors or classes from your external style sheet are formatting the content as you wish. Also make sure your images are showing up, if not check your image paths. Add a link fragment (id) to the heading of the specific tribute on your Tributes.html page that you referenced on your Home.html page. In the short tribute on the Home.html page in the right column, make sure you have some text similar to: **more >>**. Use this as hypertext and link to the link fragment on the Tributes.html page, as in href="Tributes.html#SkiHoliday".

**Step 6. Creating the Links.html page using the Dynamic Web Template**

On the Tributes.html page, change the page title to **Business Name: Favorite Links**. Delete the page content from the editable region in <section> element. Go to your AboutUs.html page from Project3 and copy out the content inside the body (not including the <body>) and paste it in the editable region. **Save the page as sLinks.html.**

We will add more content to the page in Project 9.

**Step 7. Creating the Survey.html page using the Dynamic Web Template**

On the Links.html page, change the page title to **Business Name: Customer Survey**. Delete the page content from the editable region in <section> element. **Save the page as Survey.html.**

We will add more content to the page in Project 9.

**Complete Existing Splash Page (index.html) by Linking Hotspots in the ImageMap**

**Step 1. Adding Content for Splash Page**

Open your index.html splash page you created in Project5. Make sure the filename is index.html with a lowercase "i" so it will act as the default page for your web site. Do not use the template on this page. Attach your mystyles.css external style sheet to this page. Add any styles needed for this page to your external style sheet. Do not use embedded or inline CSS styles in this page.

Make sure the title of the page reflects the purpose of this page (should not say this is the splash page, probably just the business name)

Create a heading tag on the page stating the name of the business and maybe a slogan or short tagline for the business.

Center the heading and ImageMap graphic created in Project5 on the page.

## Step 2. Creating the ImageMap Hotspots

See the **Intro to Expression Web** slideshow for help on how to create an imagemap with hotspots. Modify your ImageMap graphic to include a hotspot for the five main pages of our web site: Home(link to Home.html), About Us(AboutUs.html), Tributes(Tributes.html), Survey(link to a Survey.html page), and Favorites (link to Links.html).

Add a descriptive Screen Tip for each hotspot and provide alt text as well.

**Validation Notes:** Expression Web inserts a <area shape="polygon"> tag when you create a polygon hotspot. The correct attribute value for the shape should be **shape="poly"**. You must change this in the code or you will get a validation error. You must also add alt attribute to each hotspot to prevent a validation error. Add the **alt** attribute to the <area> tags in the Code view for validation also.

## Check the Validation on Every Page

**Step 1.** Check page on your Web site to make sure there are no validation errors. When changing content, you could have introduced errors, so double-check these. Make sure every image has alternate text.

## Procedure for Submission:

Submit your Project8 using the following steps:

**Step 1.** Log into your account on the Yoda web server and upload your entire Project8 folder in the Projects folder on Yoda.  
Make sure the template .dwt file as well as other Expression Web hidden files are also included in your Project8 folder when you upload it. I need these for grading purposes.

**Step 2.** View your index.html page from the Internet using a path similar to:

<https://yoda.tc.uvu.edu/lastnamefirstname/Projects/Project8/index.html>

Use your imagemap to check all the pages in your Project 8. Make sure all your images display correctly from the Internet path and all your links work.

Check your JavaScript image rollovers on the logo and print button. Check the JavaScript on your Home page for the thumbnail image swaps.

Revalidate your pages.

**Step 3.** Please go to the Canvas **ASSIGNMENTS** area for Project8 Instructions. In the **Add Comment** box, please enter the URL to your Project8 index.html file and then click the Submit button:

<https://yoda.tc.uvu.edu/lastnamefirstname/Projects/Project8/index.html>

**Step 4.** Your instructor will grade your project from this Yoda web server after the due date has passed using the grading criteria below. You can see your grade form and feedback under the **ASSIGNMENTS**, Graded tab or from the course menu in **My Grades**.

#### Points Breakdown:

This project will be graded (roughly) on the following criteria:

index.html was the splash page for the site and contained an ImageMap with hotspots linked to the correct pages and Screen Tips.	<b>15</b>	points
The print.css style sheet styles the site pages to print in a more printer-friendly manner as tested with the Print Preview.	<b>10</b>	points
Dynamic Web Template included an editable region in the right column. The DWT file and hidden files included in the project folder.	10	points
Dynamic Web Template was used to create the: Home.html, AboutUs.html, Tributes.html, Links.html, and the Survey.html pages.	<b>15</b>	points
Home.html, AboutUs.html, Tributes.html pages formatted with only with the mystyles.css style sheet. Content well formatted and fits the business theme.	<b>10</b>	points
Linked Home.html tribute to the Tributes.html tribute.	<b>5</b>	points
Every page validated to HTML 5.	<b>5</b>	points
Web site folder structure was correct and Web pages were named as required.	<b>5</b>	points
<b>TOTAL</b>	<b>75</b>	points