

INFO 2450 Project 7

Putting It All Together:

The ASP.Net environment makes organizing a website very easy. In this project we will begin to assemble your business' final website using some of the pages and content you have already created. When you successfully complete this Project7, your business website will be mostly complete!!!

This Project7 will also add a splash page to your site. This will be the first page that opens for your business, so we will name this splash page index.htm. This page will contain your imagemap with hotspots that link to the other pages on the site. The website home page will really be called Home.htm. This page will contain much of the graphical content we have created so far, and a navigation bar that will allow users to navigate to other pages on the site.

This Project7 will require you to create a navigation bar similar to the one created in the ASP.Net Practice 2 using <a> tags and CSS. This navigation bar should fit the color scheme and theme of your business' site. You will use CSS in an external stylesheet to add link styles that will modify the button background color when the user does a hover. The five <a> buttons for this navigation bar will include: Home, About Us, Tributes, (Excursions or Pet Profiles or Recipes or Utah Birds), and Favorite Links or Links.

You will also create a new Favorite Links page for your business. You will conduct an Internet search to find related businesses and use 10 of these as favorite links. This Favorite Links page should provide short commentary text for each link, as well as the URL as a hypertext link and an image or logo you find on the related site. Format the page in an interesting and aesthetic manner.

One of the important tools for placing your page content in the correct location will be the use of <div> tags and CSS for page layout. For this project you must use CSS placed in an external stylesheet to layout all the site pages except the index.htm (Splash page) and Resume.htm pages (See the CSSinASPNet slideshow and the Cascading Style Sheets slideshow for help with CSS page layout).

Getting Your Project Folder Set Up

Step 1. Create a folder called **Project7**.

You will copy your needed pages and content into this project folder and then choose that folder as your ASP.Net website folder when you open the website with ASP.Net.

Copy the start.htm file again to your **Project7** folder. Rename the file Home.htm. This page will be your home page for this site.

Copy the start.htm file to your **Project7** folder. Rename the file Links.htm.

This page will hold your favorite links and images.
Modify the titles and meta tags in each of these two web pages to match your information and purpose of the pages.
Remember the title should reflect the business name and the page purpose for the business, not the project number.

Step 2. Copy the following pages into your **Project7** folder:

AboutUs.htm - from Project3
Tributes.htm- from Project3
Resume.htm- from Project4
Dummy.htm- from Project6
index.htm – from Project6 with the ImageMap

Step 3. Create an **Images** folder in your Project7 folder.

There should be **NO** XCF files in this Images folder

Move the following content into your **Images** folder:

Copy all the images – from Project3
Copy your photo image- from Project4
Background graphic - from Project5
Banner graphic - from Project5
Animated Logo graphic- from Project6
Original Animation graphic or Newsbox Animation graphic- from Project6
Imagemap graphic- from Project6

Placing Home Page Content

Step 1. Open your Home.htm page in the Project7 in ASP.Net.
Create a new external stylesheet and name it **mystyles.css**.
Link the mystyles.css stylesheet to your Home.htm page.

This stylesheet will hold the styles used for designing the layout of your Home page and your other web pages. The external stylesheet should also hold any classes, ids, selectors, and pseudo-classes that will define styles for your Home page. You will want to move inline styles used in your AboutUs.htm and Tributes.htm pages to this external stylesheet as either selectors or classes and remove them from those pages.

Step 2. The layout for all the pages on the site except for the splash page index.htm and Resume.htm will have their layout defined by the mystyles.css external stylesheet. Each page layout must have a centered **container** area with a width of 955px and use your background image. Each page will have a **header** area, a **maincontent** area, and a **footer** area. Define these areas using the body tag and ids in the external stylesheet.

In the stylesheet, define the **body** selector with whatever margin you want.

Set the text-align to center. You should also define the default page font-family, font-size, and background-color for the website.

For example:

```
body{ margin: 20px; text-align: center; font-family: Arial; font-size: 12px; color: #000000; background-color: #CCCCCC;}
```

Define a **#container** id that will surround all the content on your page in the stylesheet. You must allow for a container width of 955 px and make sure text content will be aligned center. Your background image should be the background of this container and you should also provide a background-color if the page height exceeds your background image height. Set the overflow style in container to be hidden so your larger background image will be clipped and do not allow the background-image to repeat. Set the margin to be 0px and auto.

For example:

```
#container{ margin: 0px auto; background-image: url("Images/background.gif"); background-repeat: no-repeat; overflow: hidden; background-color: #CCCCCC; width: 955px;}
```

Create a **#header** id, maincontent id and **#footer** id that will be placed inside the container area. You may decide on the styles you will add to each of these ids in the stylesheet.

Step 3.

Add the surrounding `<div></div>` with its id="container" to the Home page. Inside this `<div>` will be your header, maincontent, and footer `<div>`.

Add a `<div></div>` with its id="header" to define the header area for the page.

The Home page header will hold the animated logo, banner and navigation bar (see ASPNet Practice 2).

Add a `<div></div>` with its id="maincontent" to define the maincontent area of the Home page.

The Home page maincontent will hold the welcome text, and the either business animation or newsbox.

Add a `<div></div>` with its id="footer" to define the footer area of the Home page.

The Home page footer will include the validation graphic and link, Webmaster email link and Resume link,

and this text **"This web site has been created solely for educational purposes."**

Step 4.

Create a navigation bar with five `<a>` buttons in the header area. This navigation bar should fit the color scheme and theme of your business' site. You will use CSS in the external stylesheet to add link styles to the table to modify the cell background color when the user does a hover (see ASPNet Practice 2).

The five links for this navigation bar will include: Home(link to Home.htm), About Us(link to AboutUs.htm), Tributes(link to Tributes.htm), (Excursions or Pet Profiles or Recipes or Utah Birds will link to the Dummy page for now), and Favorite Links(link to Links.htm).

Do **NOT** make any links on navigation bar to the splash page (index.htm) or the Resume.htm page.

Creating a Favorite Links Page

- Step 1.** Search the Internet to find 10 sites of businesses or information sites related to your business. Record the URL to these 10 sites and write a short paragraph that describes the purpose of the site. The 10 links you find should be unique to your Project7. No other student project should use the same 10 links.
- Step 2:** Open the Links.htm file in your Project7 in ASP.Net.
Link the mystyles.css external stylesheet to the Links.htm page.
Create a surrounding `<div></div>` id="container" that will display the background image and surround all other page content.
Create a `<div></div>` with its id="header" for the header area of the page and then place the animated logo, banner and table navigation bar in the header.
Create a `<div></div>` with its id="maincontent" for the maincontent area of the page and then create a heading tag describing the purpose of this page as a the business' Favorite Links page in the maincontent area of the page.
- Step 3:** You should include the following for each of these 10 Favorite Links on this page in the maincontent area:
 The business name
 The URL as hypertext
 A small paragraph of text describing the business or info site
 A small image or logo from the business or info site
Format the text and associated links in an interesting manner.
- Step 4:** Make sure all the 10 Favorite Links work correctly.
- Step 5:** Create a `<div></div>` with its id="footer" for the footer area of the page. Place the validation graphic and link, email Webmaster link and Resume link and educational disclaimer text in this footer area.

Complete Splash Page by Linking Hotspots in the ImageMap

- Step 1.** Open your index.htm splash page in the Project7 in ASP.Net.
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 hotspot image on the page.
Modify the hotspot links in Source View to link to the correct pages of your website. Home(link to Home.htm), About Us(AboutUs.htm), Tributes(Tributes.htm), (Excursions or Pet Profiles or Recipes or Utah Birds will still link to the Dummy.htm page), and Favorite Links(link to Links.htm).

Note: The map tag must include an id or the page will not validate. You could set the id="mymap". The for the map and each hotspot must also have alt text defined for validation.

Add Page Layout and Navbar on Other WebSite Pages

- Step 1.** Open the AboutUs.htm page in Source View. Link the mystyles.css external stylesheet to this page.
Add the surrounding <div></div> with its id="container" to the page. Inside this div will be your header, maincontent, and footer divs.
Add a <div></div> with its id="header" for the header area of the page.
Place the animated logo, banner and table navigation in the header area.
Add a <div></div>div with its id="maincontent" for the maincontent area of the page around all the previous content of your AboutUs page except the validation graphic and link..
Add a <div></div> with its id="footer" for the footer area of the page. Place the validation graphic and link, email link to Webmaster and Resume link and educational disclaimer text in the footer area.
- Step 2.** Repeat Step 1 with the Tributes.htm page.
- Step 3.** Make sure each page revalidates .

Procedure for Submission:

- Step 1.** Upload your entire Project7 folder onto your MyDocuments area on the Charlie server for grading.

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 correct alt text.	10	points
Navbars were linked to the correct pages, had alt	10	points

text and navbar button rollovers worked correctly		
External stylesheet, mystyles.css, contained ids, selectors, and pseudo-classes used for page layout and website styles.	10	points
Home.html page contained background image, navigation bar, animated logo, banner, welcome message, original animation image or newsbox, validation graphic, email and resume links, educational disclaimer	15	points
Favorite Links page contained 10 links and images to favorite sites. Page organization was aesthetically done.	10	points
Project was linked correctly and all images displayed	5	points
Every page validated to XHTML 1.0 Transitional and contained validation link and graphic	10	points
Project folder name, Images folder name, page names and site organization was correct	5	points
TOTAL	75	points