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CS 008 Introduction to World Wide Web Design

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Assignment: The World in Pictures (2.0)

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# The World in Pictures

Version <1.0>

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	October 9 <sup>th</sup> , 2015

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Time Log			
Estimated time to complete assignment =>			10 Hours
Date	Time Spent (in hours)	Description	Author
9/27/15	1	Created layout for the website and started to create the 3 types of images and read the chapters for that week	Aaron Longchamp
10/4/15	1	Read the chapters for that week and rechecked what I had done was correct	Aaron Longchamp
10/8/15	3	Added in the paragraphs and images to each page. Started to add in the php	Aaron Longchamp
10/8/15	2	Read how to and created the table in php using a foreach loop	Aaron Longchamp
10/8/15	2	Validated each page and created the specs.pdf file	Aaron Longchamp
	9	<=Total Time Spent	

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## Introduction

### Purpose

The purpose of this document is to describe the requirement specification for the web site “The World in Pictures”.

The intended audience for this document is two fold. First it is the contract between you and the client. Second it is for the developer of the site. Two primary goals are:

1. Client gets a very good understanding of what you will be delivering. If it is not on this document you are not doing it.
2. Developer has a very good understanding of what they are going to create. Ideally a developer would not need to ask you any questions on how you want the site built. It is the sites blue print.

The web site to be created is all about images and data. You will need at least four pages.

### Definitions, acronyms, and abbreviations

HTML – Hypertext markup language – used to define your content.

PHP – Personal Home Page – language that helps to customize html.

CSS – Cascading Style Sheets – used to define the look of a web site.

W3 Validation – refers to both Html and CSS validation tool provided by the W3c.org. the html validator is located at:

<http://validator.w3.org/>

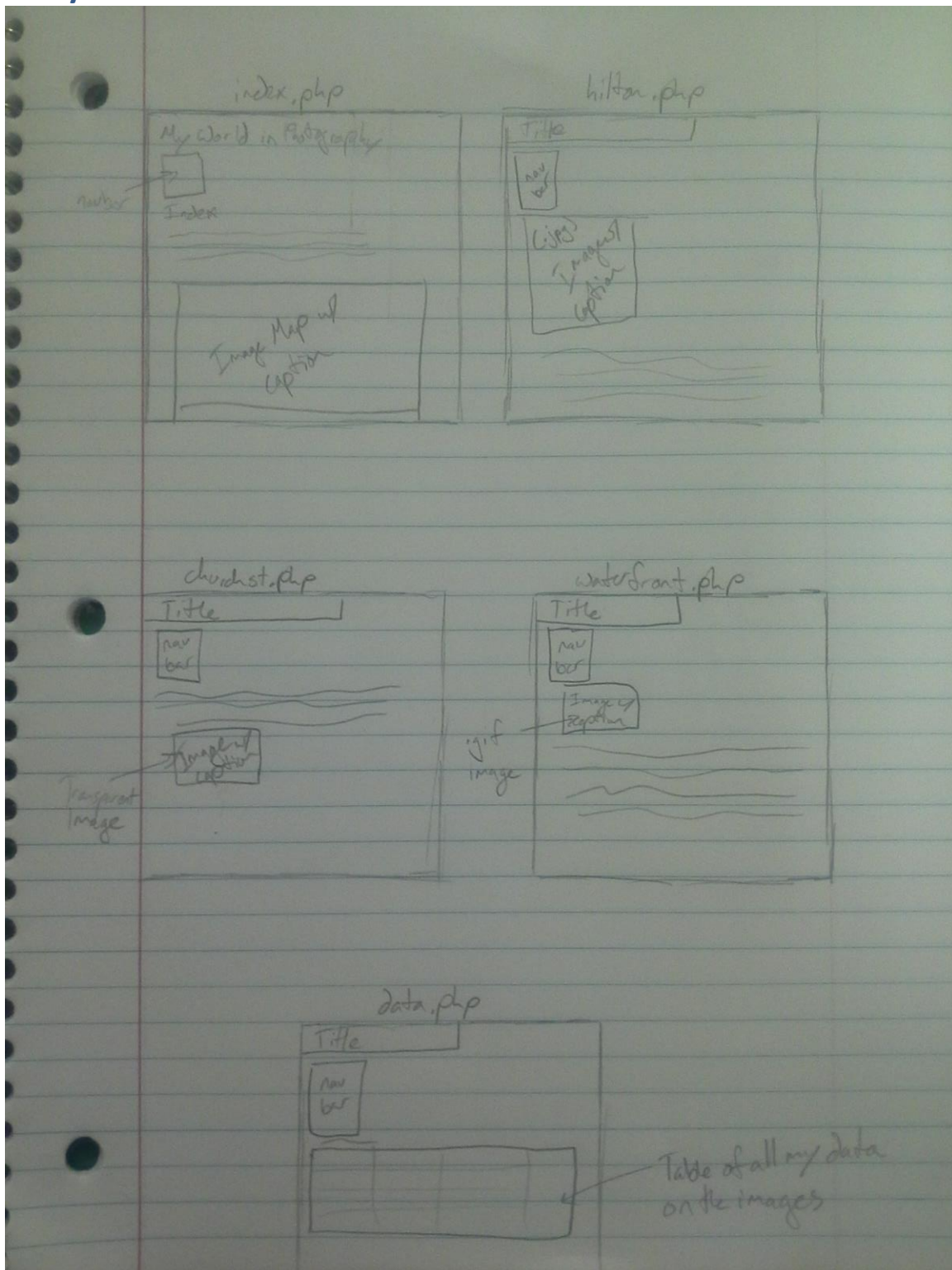
with the CSS validator located at:

<http://jigsaw.w3.org/css-validator/>

## Overall Description

You need to decide on the description but generally pick a theme for your images and go from there. It could be you and your family, could be your favorite places etc. It is up to you to decide on the topic. Pictures are worth a thousand words so you will have a lot to say in this assignment. Be sure to change this description to reflect your topic.

## Story Board



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## Assignment requirements

1. *Posted* – all files will be located in the www-root/cs008/assignment2.0 folder of your uvm Silk account. The assignment web page and the submit process will detail the exact location. Failure to have your site located in the correct folder by the due dates will result in a zero on the assignment. Be sure to pay attention to the lowercase letters.
2. *Submitted* – You must submit this (and all) assignments by using the submit assignment link. The grade cannot grade your assignment until you post and submit your assignment.
3. *Site map* – Be sure to update your sitemap (you do not need to link to top, header, nav and footer).
4. *Html Validation* – All pages will pass W3C Html validation for html 5. NOTE: top, header, nav and footer pages will not validate as they are not expected to be viewed by themselves.
5. *Meta Information* – All pages will contain a proper title tag, Meta tags (author, character set and description).
6. *CSS Validation* – All pages will pass W3C 3.0 CSS validation.
7. *CSS* – all pages will have a linked style sheet. I am not going to require a specific set of rules but you will be graded on your effort of what you try (just having my sample gets you a zero).
8. *Head Section* – put the doctype and head section information in a file named top.php so you can include it all the pages.
9. *Navigation* – All pages will contain navigation to all other pages on the site using an ordered list (4 pages minimum). File name should be nav.php which you will include on all pages.
10. *Content* – Each page will have a minimum of 100 words not counting titles, lists or links. Be sure to use the correct elements to hold your content.
11. *Header* – All pages will contain a header. You need to add a logo to fit your site (be sure to use the figure element). Also add the logo as a tab icon in the head section of your document. File name should be header.php which you will include on all pages.
12. *Footer* – All pages will contain a footer with the content determined by you. Filename will be footer.php which you will include on all pages.

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13. *CSV File* – Create a csv file with data related to your site, It can be image meta data or informational data. You must have at least nine rows of data. Add the code to Open, Read, Close and Display this data in a **table element**. Name the page to display the data: data.php
14. *Images* – Each page will have a minimum of one image. All images should be in a figure element. Use the figcaption element to cite your pictures.
15. *Types of images* – Create each of these images on your site. Each image will be in the figure element with the figcaption element identifying the type of image as listed below (easier for the grader)
  - a. *Animated image*
  - b. *Transparent image*
  - c. *Image map with a minimum of three links (these can be external)*
16. *Browser compatibility* - This site will be checked on Firefox, Safari, Chrome and Internet Explorer.
17. *Footer* – All pages will contain a footer with your name. Be sure to use the correct element to contain the footer.
18. *File Names* – the main home page will be called index.php with the rest of the file names up to you (be sure to use .php).
19. *Specification Document (this file)*: must be updated and saved as a specs.pdf (must use pdf format and correct filename in the same folder to be graded).

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## Specific requirements

1. *Index Page:* [alongcha.w3.uvm.edu/cs008/assignment2.0/index.php](http://alongcha.w3.uvm.edu/cs008/assignment2.0/index.php)
2. *Hilton Page:* [alongcha.w3.uvm.edu/cs008/assignment2.0/hilton.php](http://alongcha.w3.uvm.edu/cs008/assignment2.0/hilton.php)
3. *Church Street Page:* [alongcha.w3.uvm.edu/cs008/assignment2.0/churchst.php](http://alongcha.w3.uvm.edu/cs008/assignment2.0/churchst.php)
4. *Waterfront Page:* [alongcha.w3.uvm.edu/cs008/assignment2.0/waterfront.php](http://alongcha.w3.uvm.edu/cs008/assignment2.0/waterfront.php)
5. *Data Page:* [alongcha.w3.uvm.edu/cs008/assignment2.0/data.php](http://alongcha.w3.uvm.edu/cs008/assignment2.0/data.php)
6. *Index Page Image:* [Pics/burlington.jpg](#)
7. *Index Page Image Source:* Google Maps (screen shot)
8. *Hilton Page Image:* [Pics/hilt.jpg](#)
9. *Hilton Page Image Source:* Aaron Longchamp
10. *Church Street Page Image:* [Pics/cs.png](#)
11. *Church Street Page Image Source:* Aaron Longchamp
12. *Waterfront Page Image:* [Pics/water.gif](#)
13. *Waterfront Page Image Source:* Aaron Longchamp
14. *Top.php Meta Data*
  - a. *Name:* author
  - b. *Content:* Aaron Longchamp
  - c. *Name:* description
  - d. *Content:* My Photographic Life
15. *Link For Style Sheet:*
  - a. *rel:* stylesheet
  - b. *href:* style.css
  - c. *type:* text/css
  - d. *media:* screen
16. *Characters for all Pages:* UTF-8