CIST 1510 – WEB DEVELOPMENT I
PROJECT GUIDELINES

The Project requirements for CIST 1510 require you to complete and submit a small three (3) page (plus one css style sheet) website. The website will be based on the assignment you submitted for Chapter 3. Before you begin work on the site, make sure you have reviewed your submission. If you wish to make changes to your original plan (other than minor layout changes) you will need to contact your instructor and obtain approval.

Choose an original color scheme (color schemes should not mimic or resemble the ones used in exercises in the book), go beyond a white background and black text. CSS should be used to set all colors. Use CSS to format the pages.

Each page should contain at least one picture (unless otherwise specified). Images must be either your own or ones in the public domain (clipart and the like).

Website must contain a working recognizable navigation structure. For each page place the navigation structure in the same location, be consistent as you would expect any website you visit to be. The same consistency should be applied to background colors, font choices, etc.

For the audio or video file you may use a file of your own (remember G-rating) or a file from the student data files (remember though you only have rights to those files for educational purposes, if you ultimately make your site "live" you will need a file you have rights to). You only need to use one video/sound clip in your website.

Any text editor (Notepad or Notepad++) can be used to write the code needed for your site. **Do not** use something like Dreamweaver.

I do expect to see (and read) actual verbiage pertaining to your site and not just placeholder text. The same for external web site links, they must be working (active) links.

Your site should be cohesive, and the layout, colors, images and fonts should all enhance the message you wish to convey regarding your hobby/topic.

All pages should successfully validate transitional using the W3C validation service: http://validator.w3.org/

All of the files for your website must be placed in a zipped folder and uploaded to the Blackboard submission link for the website project. Name the zip folder with your last name and the word project (ex: lharnist_project).Make sure you include all of your html, image and other media files. If you have your website structure designed with the image files in a separate folder from your html files you will want to do the same in your zip folder.

Page 1

This page should have navigation structure to all other pages in the website, your contact information, a header appropriate to the topic selected, and content explaining the hobby (topic), any recognized subdivisions, official clubs or certifications, etc.

This page should contain:
- An unordered list
- At least one (1) image with floated alignment
- At least one (1) horizontal rule that takes up less than 100% of the page
- One (1) embedded video or audio file (may be located on page 3)
- Add a link to e-mail you (use your student email account address) in the contact info (the other information in the contact info section may be fictitious).
- Working navigation structure
- Two (2) links to specific sections of another page (not just another page) within your site

Page 2

Create a form page. This page should be set up to collect information from others who are interested or participate in the topic/hobby. This page should also contain the normal sections (Header, Navigation, Content, Contact Info/Footer).

- Working form that meets the following requirements:
    - Contain both submit and reset buttons.
    - When the form is submitted, the results should be mailed to your student e-mail address. The form should be set to complete this as a POST method.
    - At least three (3) radio buttons
    - At least three (3) checkboxes
    - At least three (3) text boxes
    - At least one (1) text area
    - At least one (1) selection list
- Include a link to e-mail you in the contact info (the other information in the contact info section may be fictitious).
- At least one (1) image with floated alignment

Page 3

For this page choose one particular aspect of this hobby/topic that interests you more than others and create a page dedicated to this aspect. If the topic chosen is your hobby, you could dedicate this page to detailing your participation in the hobby. Additionally you need to include three (3) links to three (3) external websites related to your hobby/topic This page should also contain the normal sections (Header, Navigation, Content, Contact Info/Footer).

This page should contain:
- All external links should be identified with an name and be able to be accessed from the main content section
  - Links should open in a new window.
- Make sure this page contains a minimum of 3 heading levels (<h1>, <h2>, <h3>)
  - Make sure they are used in a logical manner that fits with your content
- Navigation structure.
- Include a link to e-mail you in the contact info
- One instance of interactivity using either JavaScript or the JQuery JavaScript library

CSS Style Sheet

You are to create a css style sheet and utilize it on each of web pages. The vast majority of your styles are to be created within your css style page. You may have one (1) embedded style and one (1) inline style in each of your three pages. No more than one per page.

Your css style sheet must include the following styles (at a minimum, you may include more). *The styles must be used/implemented on your web pages.*

- Style settings for:
  - Body element
  - Font
  - h1, h2, h3 (minimum)
  - image(s)
  - ul (unordered list)
  - Navigation to also include pseudo-classes for link, visited, focus, hover and active
  - Rounded corner(s)
  - Opacity
  - Box shadow and/or text shadow
  - Rotate or Scale transform
  - Transition
  - @media rule
    - Provide and implement a minimum of one alternative style for mobile devices t

In addition to all of the specific elements each page must contain (you can use more, guidelines are a minimum), your site will be graded on:
1. Consistent use of design colors, font choices etc.
2. Links must all work
3. Pages must validate
4. Navigation structure must work
5. Form must work
6. Spelling, grammar and content of page text

File submission:
All files must be submitted through Blackboard submission link for the project. All files must be included in a zip folder. Name the zip folder with your last name and the word project (ex: lharnist_project).

Project Grading:

Page/Component	Total points
Page 1/Home, Index	14
Page 2/Form	18
Page 3/Topic Information	13
Page 4/CSS	24
	69
Color/Design/Consistency	10
Validation	12
Spelling/Grammar/Content	9
	31
	100