

CIS 4004: Web Based Information Technology Spring 2011

Web Site Project – Phase 2 (150 pts)
Due Sunday April 10, 2011

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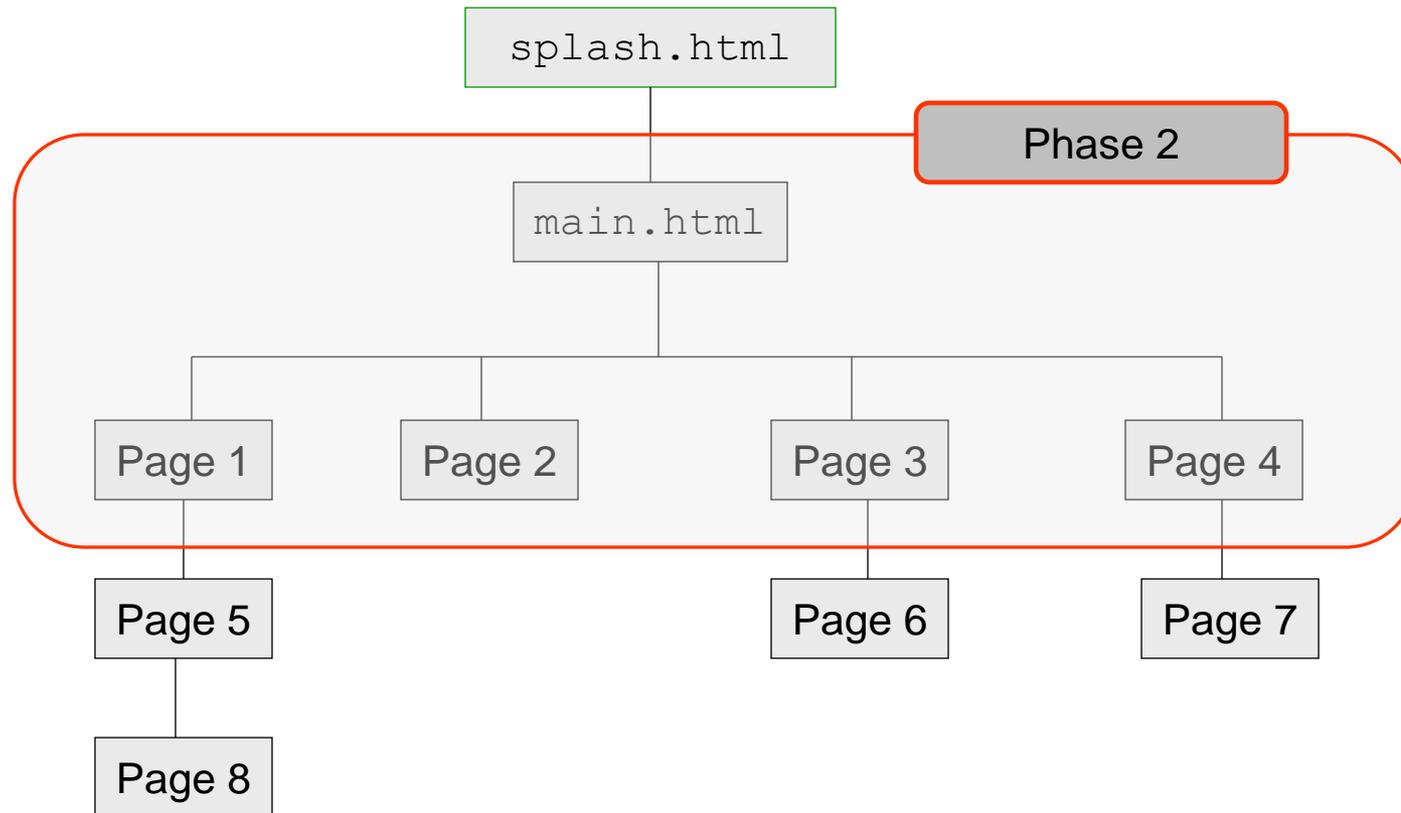


Web Site Project – Phase 2

- This assignment is the second part of your web site development project. The primary goal of this assignment is to develop several of the content pages that will comprise your site. See next slide.
- Currently your splash page is linked to the generic “`underconstruction.html`” page. The first step in this phase of the project is to create the main content page for your site.
- Call the XHTML document corresponding to your main page: `main.html`.
- Your main page should use either the two-column liquid layout or the three-column liquid layout, which ever is more appropriate for your site.



Web Site Project – Phase 2



Boxes outlined in green represent completed pages.



Web Site Project – Phase 2

- Your main page must include navigation links that will eventually link to every page on your site. For those which are not yet developed, they should link to the generic “underconstruction.html” page.
- You should have constructed a loose storyboard for your overall site which illustrates the sites basic hierarchy (see Web Site Project Overview and page 3 of this document).
- You should now also construct a storyboard for each content page on your site.
- We will be adding yet another phase to the project that will contain additional requirements for some of the pages, so final storyboarding for all of your pages cannot be done at this time.



Web Site Project – Phase 2

- You should make liberal use of images in your site.
- Some of your navigation links should be to external sites (i.e., not your site or pages) to which you might also think your visitors would find useful or interesting.
- Each of your content pages will also include internal (your site) navigation links as appropriate, but each must include, at a minimum, a link back to the main page of your site (main.html).
- Pages 1, 2, 3, and 4 (see page #3) should be a mix of two-column liquid, two-column fixed-width, three-column liquid, and three-column fixed-width layouts. Your choice as to which page is which.



Web Site Project – Phase 2

- Every page must validate against the XHTML Strict DTD. All CSS must also be validated. Each content page should display the valid XHTML and CSS logos in the footer area of the page.
- Use external style sheets to style each content page in your site.
- Several of your pages should link to the same stylesheet.
- Several of your pages should link to more than one stylesheet.
- For the various page layouts (e.g., two-column fixed-width, etc.) you should use the two stylesheets I created for them. It will be imperative that you use the layout style sheet I created, the text and colors style sheet can also be used and/or modified to your desired color/text schemes.



Web Site Project – Phase 2

- At least one of your pages should embed a video/video player. Ideally, a video that you possess rather than linking to an external video, but either will be ok.
- At least one of your pages should embed an audio file/audio player. Again, ideally you would possess the audio file, but links to remote files will be ok.
- Finally, at least one of your pages should include a JavaScript script. I'm not concerned with how complicated the script might be or what specifically it does, but you need to incorporate JavaScript somewhere on your site. The JavaScript should be properly contained so that your markup will pass Strict-DTD validation.



Complete Assignment Requirements Checklist

Requirement	Completed	
	Yes	No
Storyboard for the overall web site showing how content pages are linked.		
Storyboard for each of the content pages you've created for this phase.		
Navigation area(s) on content pages.		
All internal navigation links work properly.		
Working external links to at least one external web site on at least one content page.		
Content pages include images.		
"alt" attribute values for each image used. (won't pass Strict validation without this attribute.)		
Each XHTML document has an accompanying external CSS document. (Note internal styles can also be used in addition to the external style sheets.)		
Each XHTML document passes W3C Strict validation.		
Each CSS document passed W3C validation.		
Splash page (splash.html) correctly links to primary content page (main.html)		
At least one page embeds a video .		

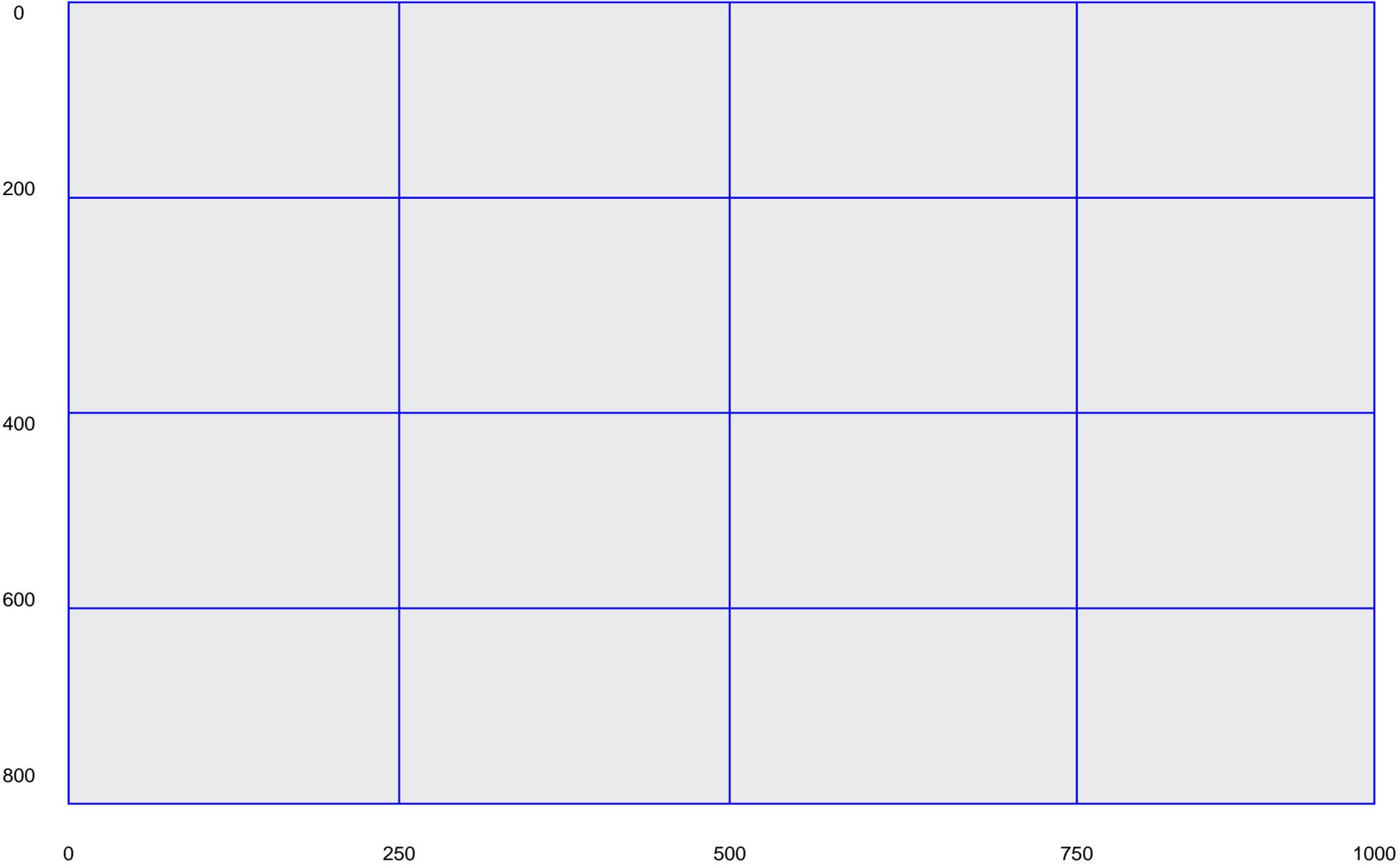


Complete Assignment Requirements Checklist

Requirement	Completed	
	Yes	No
At least one page embeds an audio player/file		
At least one page should include a JavaScript script		
All files and images uploaded to Eustis (or some server) and site is working properly when viewed by a visitor.		
Upload 1 XHTML document to WebCourses (only one document is needed).		

NOTE: There is also a single page version of this checklist on the course website (under the assignment) that might be more convenient to use. Its there in both .doc and .pdf formats.





What To Turn In

WebCourses: (by 11:55pm Sunday April 10, 2011)

1. Upload 1 of your XHTML documents (10 pts)
2. Send me a comment indicating the complete URL to your website (10 pts).

Eustis Server: (by 11:55 pm Sunday April 10, 2011)

1. Upload all XHTML documents (50 pts).
2. Upload all CSS documents (40 pts).
3. Upload all of your image files. (20 pts).
4. Upload all of your audio/video files (20 pts).

