

CGS 3175: Internet Applications Fall 2009

Web Site Project Overview

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Web Site Project Overview

- This document describes an overview of the web site project for the course.
- In this project you will develop a complete web site whose focus is something in which you are interested.
- The subject of your website is entirely up to you.
- Every page in your web site must contain XHTML that has validated against the Strict DTD and must utilize only CSS that has also passed validation. The footer area of each page on your website must include the XHTML and CSS valid icons.
- As additional phases of the project are introduced, specific requirements for each page in your site will be made more explicit. For now we are dealing in generalities.

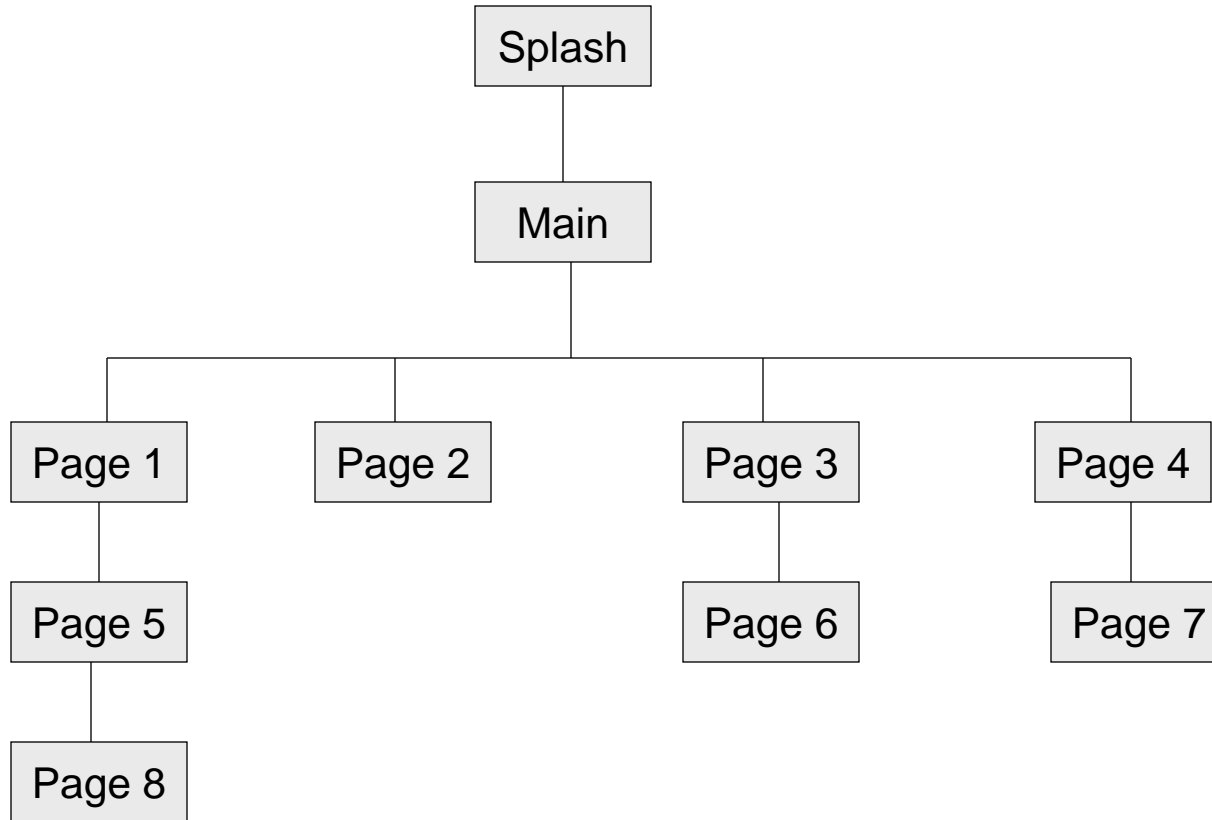


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- Your website should be constructed using an overall hierarchical approach (see Web Site Design – Part 1). The basic design of your site should be similar to that shown on the next page.
- You must have a **minimum of 10 total pages** on your web site (counting the splash and main pages.)
- Depending on the content/purpose of your site, some underlying pages might use a linear approach (see Web Site Design – Part 1). For example if you are providing a tutorial of some sort.



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- One of your pages (not the splash or main page) should be a page that explains why you created this web site. Why is the subject important to you. (Because it was required to pass CGS 3175 is not the reason!)
- This page should also indicate what you aim to accomplish with this web site. For example, is its purpose to educate visitors about something or is it designed to allow you to express something that you are passionate about.
- As you progress further into the project, we'll set the content for one of the pages to be a form that visitors will fill out to email you responses to questions that you will ask them. This will be a form-handling page.



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- One of the pages in the site will be utilized primarily for images and/or video, that you'll learn how to do later.
- At least one of the pages (in addition to the form-handling page) will include some sort of interactive capability that you will learn to do in JavaScript later on.
- Right now you do not need to finalize any of the content pages – this will occur as the project advances. However, you do want to give serious consideration to the amount and type of content that you will ultimately be adding to your website.
- Each of your pages must include the appropriate navigation links around your site. You cannot require the user to use the “back” button on their browser for navigating your site.



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- Phase 1 of the project – described in another document, will consist of designing the overall site and constructing the splash page only.
- Phase 2 of the project – described in another document, will consist of creating the main page and several of the underlying subpages. The specific requirements for each page will be described in this document. Some of the individual pages will use two-column layouts, and others will use three-column layouts. The template files for these layouts are already on the course website and you should be familiar with their markup and styling so that you can adapt them to your site as needed.
- Phase 3 of the project – described in another document, will consist of adding some advanced XHTML/CSS and JavaScript techniques, that as of yet, we have not covered.

