Assignment 3: URLs and templates

In this assignment, we will understand the use of absolute and relative URLs. At the same time, we will practice building a site using mixed structure. Download and save the 3.zip file (http://www.idi.ntnu.no/~michailg/IT2805/3.zip)

1. Hierarchical site structure (30%)

Palsu Industries is the industry leader for new technology. The Palsu directory contains a mixture of image and .html files taken from the initial development of a primitive web site for the company. You are contracted to improve this site:

Reorganize the files into proper directories. Keeping files well organized and naming them properly can greatly simplify maintenance and allow for future expansion. First move all images into a subdirectory called `images`. Then create subdirectories: `products` (to keep files on products: `starblaster5000.html`, `partitioner.html`, `dismantler.html` and `gravity2.html`), `support` (`FAQ.html`, `manuals` and `software`) and `information` (`contact.html`).

Add linear links between products to allow browsing through products one by one.

Check your design against this example.

- Home
- Images
- Product information

  – Starblaster 5000
  – Ultrasonic dismantler
  – Gravity 2.0
  – Automatic circulating partitioner

- Technical support

  – FAQ
  – User manuals
  – Software Updates

- Corporate information

  – Contact us

- Note that because of the new file structure, you will have to correct all hyperlinks and image sources to ensure there are no dead links or broken images.

- Make sure you use relative URLs for all internal links to ensure site portability. You can test this by copying your site to a new directory and verifying that all links still work.

2. Design a multi-page website using linear and hierarchical structure (40%)

NTNU Gløshaugen seeks to build a simple yet functional website. Browse the exercise-2 directory and design a multi-page website for them using the provided content.

The site should have both linear and hierarchical navigation aids. Linear navigation is for users to browse through the properties one by one. Hierarchical structure is to provide quick navigation to the main pages

Ideally, the folder structure should be organized as well. For example, all images should be kept in a sub-folder. All pages on the site should have a consistent look and feel to ensure locality. In other words, users should be able to tell whether a Web page belongs to the site or not.

4. Site structure (30%)

Create a site structure for assignment's 2 web page by:

- deciding on the main pages for each level in the hierarchy
- deciding on the pages that can/should be connected in a linear or hierarchical way
- developing and fine-tuning the structure of assignment 2

Implement the site structure as a web page similar to the Apple web site's site map (http://www.apple.com/sitemap/), and call it `sitemap.html`. Make sure that the links in the sitemap are working and pointing to the right page in assignment 2.

Submission

Submission can be posted in your course page under an appropriate sub-page (e.g., assignment-03) and also has to be uploaded as a zip file on It's Learning before the deadline.