THE UNIVERSITY COLLEGE OF THE CARIBOO

COMPUTING 100

Assignment #3 -- "Creating a *Presence* on the WWW"

Due Date: Wednesday, <u>April 16</u>, 2002 (by 1:00 PM)
(web site URL address e-mailed to Yanni by <u>April 7</u>)

Team Project *(up to 3 members)*

Introduction

In previous exercises and assignments, material has been presented in various forms: as printed documents or interactive multimedia presentations. This assignment takes those ideas one step further, and asks you to create a *web site* available to <u>anyone</u> on the Internet!

Note on content: Even though the theme and composition of the site is left to your creativity, UCC's publishing guidelines regarding content of student writing also apply to your web pages (see UCC calendar).

Assignment

Your goal is to create a <u>web site</u> (a collection of related web pages) that focuses on a particular theme. The format, style, and content of the site are left completely to your discretion.

The most important aspect of the site is the <u>central theme</u>—the theme is the *why* the site exists.

As examples of possible themes, consider the following,

- a site focusing on one activity or association you are involved with, such as a team, club, or special interest group; for associations and groups, make sure that you are free to post content

- an online, multimedia magazine (text, graphics, sounds, video?) looking at news items, celebrity gossip, or humorous stories (if your material is fictitious, explicitly state this at the top of each page)

- information regarding a business or organisation you are involved with, sort of an online "promotional brochure" (intended only for information, <u>not</u> sales); make sure that you are not violating copyrights or trademarks in posting content on the business or organisation

- an instructional "how-to" guide on teaching someone a new activity or skill; take your instructional style seriously (do not try for something that is intended only for humour

<u>Required Criteria</u>

The site will be evaluated on its own merits, based on *clarity, consistency*, and *content*.

Yet, there are some basic and required criteria (in <u>no</u> particular order):

- a least four (4) pages, with each having sufficient content (i.e., <u>no</u> one paragraph pages)
- the home page (called **index.html** or **index.htm**) has,
    - *main logo* for the site (consider using PowerPoint to create a .jpg for the logo)
    - *date of last update* to let people know how "current" the website is
    - a link to the UCC web site (using text and a related graphic)
    - an *e-mail link* so that a guest can send you an e-mail regarding the site (see below for a *guest book*)
- to clarify the layout of links to the various pages on your site, consider an *image map* (using a graphic created in PowerPoint and reshaped with MS PhotoEditor)

- – for links, use *local* ("name") hyperlinks, and remote hyperlinks to *other* documents; at least two (2) graphics must be used as hyperlinks
- – proper use of HTML tags (headings, fonts, lists (ordered, unordered, definition), and alignment) and clearly written HTML code
- – proper use of tables to organise data and entire portions of web page content
- – for graphics, link to remote (off-site) images that do not conflict with any copyrights; of course, graphics you have created must be uploaded to your web space account

Interesting and Fun Options

- – a *guest book* (from a free "guest book" site, or the "add-on gear" list in the Tripod edit page)
- – *a website counter* (to keep track of the number of visits, can usually be found at the same site as a *guest book*)
- – *embedded* sound & video clips (linked remotely or uploaded to your web space)

Comments

Before sitting down at the computer and entering the text and HTML code for the pages, take time to plan out how you wish someone to see your site. Pay attention to navigation, so that pages are easy to read and follow with clear directions (it should be clear what clicking on something will do).

Do not add every possible HTML tag in the hope of making the page "incredible;" this only makes for a cluttered and confusing page. The flamboyance and style of a page should not conflict with the intended clarity and focus of the theme.

As a note, every web page falls into one of two categories: *introductory page* or *theme page*. An *introductory page* is essentially a beginning point for other pages, and contains a brief description with links. As an example, consider the UCC homepage.

A *theme page* is the result of searching through *introductory pages*. All materials on a theme page are related (even links), the page usually has at least a single link that takes the browser to the previous document, or the home page. As an example, consider the COMP100 course web page

Presentation

Unlike previous assignments, your instructor will evaluate this one remotely, at his/her discretion and convenience.

Yet there are still hardcopy materials to submit,

- – a paragraph, or two, summarising the "theme" of the web site, and the web site URL
- – print outs of display and the HTML code for each page (use **Wordpad**, with font **Courier New** @ 10pt)

The page must be completed by the due date, with the URL e-mailed to your instructor by April 7, 2003.

Getting Webspace

The assignment requires you to create a <u>live</u> web site, meaning that it must be viewable to *everyone* on the Internet. To facilitate this, you must obtain space on a <u>web server</u>.

There are a number of free web space providers available on the Internet (referred to as *community* web servers), such as Homestead, Geocities, Angelfire, and Tripod. Unless you already have web space, for this assignment the recommended site is **www.tripod.com**.

<u>A note on free web space</u>: After signing up with a free community web server, the space is yours until you decided to stop using it. Although it is used for this assignment, once COMP100 is finished you can do whatever you wish with your space.

Use the space for storage (using FTP) or start over with another another web site—it is yours to anything with.

Tripod

Notes on <u>signing up</u> with **Tripod**:

- select either **www.tripod.com** or **www.tripod.ca** (**.com** is in the US and gives 20 MB, **.ca** is in Canada and gives 12 MB)

- select an appropriate member name (do <u>not</u> be too funny, such as: "drunkeymonkey", "toasterbutt") your chosen name might unavailable, so keep trying until one works

- providing personal member information is up to you; no damage is done by giving false information; the <u>only necessary</u> information is a valid e-mail address

- the confirmation for your free space will be sent to your e-mail address

Notes on <u>using</u> **Tripod**:

- create the web pages in Notepad and *upload* each to Tripod, making changes later using Tripod's editor window—this allows you to <u>edit your site from anywhere</u> (except that the build in editor is quite simple)

- the URL for your space is: **http://*membername*.tripod.com**, where *membername* is the member name chosen above

- the default page that gets read by the web browser is the <u>homepage</u> and is called **index.html** or **index.htm**, located at the URL: http://*membername*.tripod.com/ **index.html**

- upload any local support files (other page, images, audio clips, etc.) to the web space; these files are referenced to through <u>just their name</u> or via http://*membername*.tripod.com/ ***filename.ext***

Other "Free" Webspaces

There are a number of free webspaces available on the Internet, in which they make money by posting advertisements on every page you create (consider this a necessary evil for "free" space).

- **www.freewebsites.com**

- **http://angelfire.lycos.com** (along with **www.tripod.com**, it is owned by **Lycos.com**)

- **http://geocities.yahoo.com** (owned by **Yahoo.com**)

Or head to **http://www.freecenter.com/homepages.html** (*very cool!*) and pick the free web space that best suites you.