

GRDE2011 INTERNET DESIGN INTRODUCTION

ASSIGNMENT 3 – FINAL WEBSITE

Due: week 15 (Exam Week)

Introduction

Over the duration of this semester, you will conceptualise, design and create a single page scrolling HTML5 and CSS3 website.

The third and final assignment will engage students in the final two stages of the web design process: Development and Launch. Upon submission of your final assignment your website should look a lot like the screen mockups that you presented in your Pre-production Document in Assignment 2. However, design is an iterative and evolving process, and certain design elements are bound to change and improve as you gain experience and knowledge. This is normal and expected, you will not be marked down for 'deviating' from your initially specified designs, though you should reflect and comment upon these changes in your website's accompanying 'Progress Report'.

Learning Outcomes

Through the process of researching, planning and executing this assignment you will:

- Edit and optimize suitable text and graphics for Web delivery, with an emphasis on streamlined readability and efficient graphic formatting/ compression.
- Understand and navigate copyright issues relating to the use of media and content in a digital authoring environment.
- Acquire knowledge and demonstrate an understanding of how to use technology and techniques to build websites for different devices
- Understand and apply basic website usability and accessibility concepts in the design, production and delivery of a website using hypertext markup language (HTML5) and cascading style sheets (CSS3).

Assignment 3 Minimum Requirements

1. Final Website
2. Final Progress Report

The Progress Report template can be found in Assessments > Assignment 3 > *Progress Report Template*

The *Final Website* must adhere to the following minimum requirements:

- The *Final Website* must meet the requirements of the client brief.
- The *Final Website* must employ a single page scrolling design.
- The *Final Website* must employ a fluid layout and exhibit responsive design. It must be optimised for viewing across the following devices:
 - Desktop (recommended break point 1366 x 768 pixels)
 - Tablet (recommended break point 768 x 1024 pixels)
 - Mobile (recommended break point 360 x 640 pixels)

- The website must be created with HTML5 and CSS3. You are permitted to utilise plugins and other programming languages such as JavaScript in your website sparingly, however only your HTML5 and CSS3 will be assessed.
 - You are not permitted to utilise any “What You See Is What You Get” (WYSIWYG) website authoring tools like Adobe Dreamweaver, or other website building tools.
 - You are not permitted to use any code generating/altering software like HTML Tidy.
 - You are not permitted to base your website on any existing design or template.
 - You are not permitted to use Bootstrap.
- Any content created by an external source must be cited using the Chicago Author-Date referencing format in your Progress Report and ‘in-situ’ within your HTML files as ‘code comments’. If your website contains copyrighted content, please display the following disclaimer in its footer:

This website has been created as part of an assignment in an approved course of study for Curtin University and contains copyright material not created by the author. All copyright material used remains copyright of the respective owners and has been used here pursuant to Section 40 of the Copyright Act 1968 (Commonwealth of Australia). No part of this work may be reproduced without consent of the original copyright owners. See code comments for references.

- You must demonstrate a thorough understanding of HTML5 & CSS3 by neatly organizing and labeling the code such that each line of browser-visible information is on a separate line without combining multiple lines. Where appropriate, code must be indented to enhance readability.
- The main elements for each of your HTML5 & CSS3 pages must be annotated with appropriate ‘code comments’ to demonstrate your understanding of the code. Your code comments must also include references for individual copyrighted elements ‘in-situ’ as they appear in your website. (eg. When you insert an tag for an image that someone else has created, you must include code comments next to that tag indicating the reference source.)
- Test your website in the following browsers:
 - Firefox
 - Safari
 - Chrome

Refer to the latest Browser Statistics maintained by the W3S (http://www.w3schools.com/browsers/browsers_stats.asp). Your website must work and look acceptable across the first and second most used versions of each brand of browser.
- If you do not already have one, you must procure a web host with File Transfer Protocol (FTP) capability. For assignment submission, the website files must be published to your FTP server by the specified deadline. The website must be viewable through a web browser from the website URL.

Deliverables

1. A fully functional and accessible ‘live’ *Final Website* located at the URL you stipulate in your Progress Report. After uploading, double-check to make sure that your website is accessible through a web browser at the URL you have specified.
2. A “zip” folder that contains your entire *Final Website* and your *Progress Report* PDF document.

Where to Submit: Assessments section of Blackboard for the unit and scroll down to find the Assignment 3 folder. Upload your single .zip archive to the dropbox by the due date.

File Naming: The submitted zip file must be called “**A3-YourFullName.zip**”

Due date: Week 15 (Exam Week)

Note: The live website and Blackboard website submissions must both be fully-functional and identical.

Late submissions without prior extension approval will be penalized at 10 marks (or 5 marks for the first day) per calendar day in accordance with university policy.