CIS 110 FLUENCY WITH IT

110

Project 3

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Project 3 continues from where Project 2 ended.

Prime Properties is a small real estate company that specializes in residential properties. The owner, Maria Valdez, would like a website to showcase her listings and give the company a web presence.

Maria hires you as the Web Developer.

Let's get started..

Cover photo: Profundo, by VCastelo.
Chapter photo: The Tardis, Dr. Who.
Getting Ready. To complete this project you must first read Ch. 3 Web Development & Design Foundations with HTML5. You will find this chapter in the second half of our UO custom edition textbook, *Fluency5 + HTML5*.

Read the *Prime Properties Case Study*, pp. 124-127.

Your tasks in this case study are:

2. Create an external style sheet.
3. Edit the home page (Figure 3.33).
4. Edit the financing page (Figure 3.34).
5. Configure the centered page layout.
6. Link your Two UO Blogs Together.
7. Deploy the website to uoregon.edu and test it on the server.
8. Optional Extra Credit.

Software You Will Need for this Project

**Aptana Studio**: Starting with this project, we will be using Aptana Studio for web development.

The 110 Week 3 Lab introduced Aptana, and described how to install it on your own computer, and we can assist you with this during office hours.

If you are unable to bring your computer to office hours and you cannot easily install Aptana, you are welcome to continue using CyberDuck and a text editor such as one of the following:


Mac: Fraise, Smultron, TextMate, SublimeText2, TextWrangler.
TASKS

1. **[5 pts] Setup your p3 folder for the Prime Properties website.**

   We will be using the p3 folder for this project. You will need to copy your index.html and financing.html files from your p2 (or prime) folder into your p3 folder using Cyberduck. You should download the files from your p2 folder to local computer or storage device using Cyberduck, then upload them from your local computer or storage device into the p3 folder, again using Cyberduck.

2. **[25 pts] Create an external style sheet: 110/css/prime.css.**

   Follow the directions on p. 125 to create a style sheet named prime.css. Store this file in the 110/css/ folder on your computer. Do **not** store it in your 110/p3/ folder.

   When prime.css is totally complete (**but not before**), upload it to your 110/css/ folder on uoregon.edu. Do **not** upload to your 110/p3/ folder.


   Follow the steps on p. 126 to update the Home Page shown in fig. 3.33.

   When index.html is totally complete (**but not before**), upload it to your 110/p3/ folder on the uoregon.edu server.

   **Test the uploaded web page:** Open the web page on the server in Firefox. It should look **exactly** the same on the server as it does when you preview it on your computer, and **exactly** as it looks in the textbook. Do not forget this step.


   Follow the steps on pp. 126-7 to update the Financing web page shown in fig. 3.34.

5. **[15 pts] Center Page Layout with CSS.**

   Follow the steps on p. 127 to create the centered page layout.

6. **[15 pts] Link your Two UO Blogs Together.**

   Open blogs.uoregon.edu/uomichaelh/ in Firefox, and login by clicking the Use my DuckID button.

   i) Follow the instructions given in step A, to Add Two Web Links to the Navigation Area of your UO Blog.

   ii) Follow the instructions given in step B, to Add One Web Link to the Navigation Area of your CIS 110 Blog.
iii) Edit the ‘Hello, World’ Post on your CIS 110 Blog.

Every newly created blog has the blog posts displayed on its front page, with a ‘Hello World’ post and a ‘Sample’ page.

Edit the Hello, World post to change the title and content.

Go to Dashboard > Post > All Posts, select the Hello, World post, and choose Edit.

Title: The title should be "Project 1".

Content: The content should be a description of your first CIS 110 project. Include an image in the post, of your choosing, and a link that connects to your 110/profile/profile.html on the uoregon.edu server.

• Use the Preview Changes button as you are editing.

• Use the Update button to publish the completed post.

Example: http://blogs.uoregon.edu/110michaelh/2013/10/07/project1/

Your post does not have to be as elaborate as the example (but don’t hold back!), nor does your CIS 110 Blog have to be as elaborate as the example (but go for it!).


Refer to Lab 4. Follow the instructions to complete Hands-On Practice 3.4.

When embedded3.html is complete and passes both the W3C Markup Validator and the W3C CSS Validator with zero errors (warnings are OK), then upload it to the server, and test it on the server.

8. Deploy the website to uoregon.edu and test it on the server.

Deploy your new web pages and style sheet to your UO pages account using Cyberduck. Test your web pages, and make sure they look exactly like the figures and screen captures in the textbook.

CIS 110 BLOG ROLL

If you make a spiffy pair of blogs, send me the URL for your CIS 110 blog, and I will add it to our class blogroll.
Questions About this Project?

Do not send email to your instructors to ask questions about this project. Post your questions on Piazza.

110 Help Hours

See Calendar in Blackboard or the course website for a schedule of times assistance is available in 013 Kla. Only 110 GTFs will know the specifics of this project but, if you show the other consultants the project, they can help, too.
How to Turn In your Project

All you Have to Do is Make Sure your web pages are uploaded to the server by the Due-Date.

When your web pages are on the server, they can be graded.

You do not have to submit this project in Blackboard, nor do you have to notify your instructor in any way.

Just make sure you complete the project by the Due-Date, and do not upload or edit the files after the due-date. If you change the web page files in any way after the due-date, this will change the time-stamp of the files on the server, and your project will be late (zero points).

Questions About this Project?

Do not send email to your instructors to ask questions about this project. Post your questions on Piazza.

110 Help Hours

See Calendar in Blackboard or the course website for a schedule of times assistance is available in 013 Kla. Only 110 GTFs will know the specifics of this project but, if you show the other consultants the project, they can help, too.
HOW YOUR PROJECTS WILL BE GRADED

• **There is no "submit your project in Blackboard" step for 110 projects.** When you have uploaded your web pages and tested them on the server, you are done turning in the project for grading.

• The **instructional staff has complete access to your project files for grading.** Your job is to make sure the files are on the server on time, and that you have tested them to make sure they are correct.

• The **files you upload to the server by the due-date are what will be graded**, so be sure to test your web pages on the server to make sure they are correct.

• **There are no second chances. Why? We do not have the time or the resources to grade your work twice.** Therefore make sure that what you upload to the server is correct. Test your web pages on the server after uploading them.

• **Time-Stamps are Crucial.** When you upload a file to the server, it is stamped with the exact time of the upload. This time-stamp must be no later than the project due-date. Your project is on-time only if the time-stamps show that it was uploaded to the server on time.

• **Do not re-upload any of your project files after the due-date.** If you do, this will change the time-stamp and your project will be late (0 pts).

• **Do not use Aptana's Sync button, as this can change the time-stamp on all your files on the server.**

• **Your 110 folder on the server must be .htaccess password-protected.** If it is not, your project score will be zero (0). See your instructor or GTF for assistance if necessary.

• **Know the 110 Late Policy.**

Keeping these points in mind will help ensure you get full credit on your projects. Ask questions in class if anything is not clear.
How to Handle the 17:00 Friday Deadline

• Start working on your project early.

• Friday Office and Help hours are jammed, and may end before you get assistance. Plan on completing all your projects before the Friday deadline.

• Turn in what you have by the deadline-- partial credit is better than none.

• Piazza is good for answering verbal questions, but limited in terms of debugging help. For debugging, you need F2F help, which is the gold standard

• **For Gold Standard Help:**

  See *Contacts* in Blackboard.

  See *111 Help Hours* in Blackboard.