Lab Practical 08 - Browyer Realty
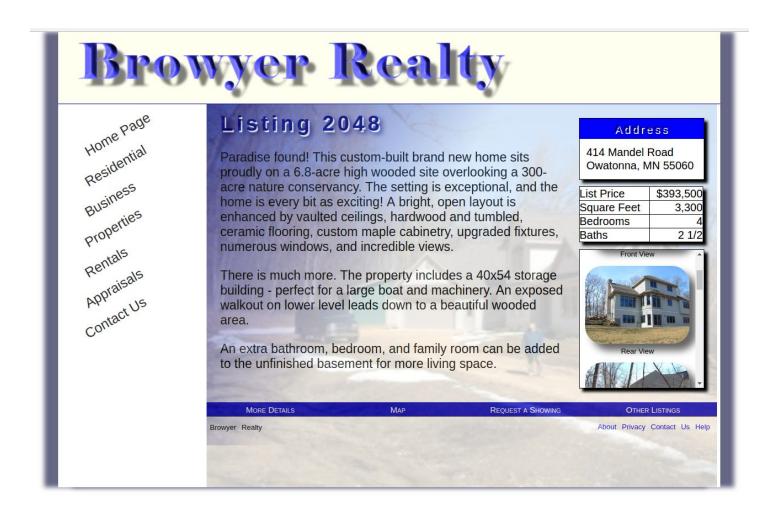
Aim: To test your knowledge of CSS3, print and mobile styles by designing the home listings for an online realty Web site

Data Files Needed for this Case Problem:

`brlogo.png, img01.png - img09.png, listing.txt, modernizr-1.5.js`

Scenario Description:

Linda Browyer is the owner of Browyer Realty, real estate company operating in Manawatu. She has asked you to help *create a style design for the pages on her site that describe residential listings.* Linda has already written up sample content for a listing and collected images of the property. She needs you to create the HTML5 file and write up the style sheets. *An example from your teaching team is as follows but your design could be different and better looking:*

Tasks to be Completed

Complete the following:

1. Use your the Eclipse IDE to create an HTML5 file named `browyer.html` that will contain the document describing the property. Also, create a style sheet file named `brbase.css` that will contain basic styles that will be used by all devices, `breffects.css` that will contain special visual effects, `brlayout.css` that will contain the page layout design for the desktop screen devices, `brprint.css` for print styles, and `brmobile.css` for mobile devices. Add the appropriate comments and documentation for each file.

2. Create the content of the `browyer.html` file using the contents of the `listing.txt` text file as a guide.

3. Design the page layout of your document in the `brlayout.css` file.

4. Add CSS3 visual effects to your document using `breffects.css` style sheet. The effects are left to you to choose, but they should include examples of the following:

   a. A linear or radial colour gradient, written using the CSS3 `linear-gradient()` or `radial-gradient()` function;

   b. A text shadow using the CSS3 `text-shadow` property;

   c. Drop shadows using the CSS3 `box-shadow` property and either the Internet Explorer (IE) `DropShadow` or `Shadow` filter;

   d. A rotated object using the CSS3 `rotate` property; and

   e. Semi-transparent objects using the CSS3 `opacity` style and the IE `Alpha` filter.

5. Linda wants users to be able to view a nice print out of her sample listing. Place the print styles in the `brprint.css` stylesheet file. Include an example of the `@page` rule and several examples of styles that either place or suppress page breaks.

6. Linda also wants potential clients to be able to view the sample listings in a format appropriate for mobile devices. Create the styles for mobile devices in the `brmobile.css` file. Your stylesheet should include different rules depending on whether a device is in portrait or landscape orientation.

7. Link your Web document to your stylesheet. Include the appropriate media queries to match each stylesheet with the correct device and device width. Include a meta element to set the width of the vewport.

8. Place any stylesheets to be used by IE version 8 or earlier within a conditional comment.

9. Test your completed assignment on a variety of browsers, devices and screen conditions.

10. Submit your completed files to Stream as an exported Eclipse archive and publish your files to your Web site on SEAT-WEBDEV under the folder named `tutorial08`.