

PROJECT 2

Refactoring an Infographic



DESCRIPTION

Take a provided information brochure in PDF format, and *refactor* the icons, the charts, the headings, the copy, and any other content into a *fully responsive Web page* or interface using only text and vector-based elements.

INSTRUCTIONS

1. Study the provided PDF document from the Ontario Energy Board, called “Understanding Your Electricity Bill” carefully.
2. Using the provided HTML template, transfer all of the textual content from the PDF, taking care to create semantically rich (and appropriate) markup.
3. Using Bootstrap, Grid and/or Flexbox, recreate the layout of the original document as closely as you can. Remember to select the tool/framework or property that makes the most sense.
4. Analyze the typefaces and try to typographically re-create the same look and feel as the original document using a web font service like Google Fonts, or employ @font-face to serve up your own (be sure you’re authorized to use the font).
5. Recreate all the illustrations, icons, graphics, and charts on the page using Scalable Vector Graphics (SVG).
6. Ensure all the colours for the background, graphics, and text are precisely the same as the ones used in the provided PDF brochure.
7. Check that your HTML, your custom CSS, and possibly your custom JavaScript files are all formatted, commented, and validated.
8. Verify that your files and folders are organized, and named appropriately.
9. Upload your page to a Web server and submit the URL to the project link on Blackboard.

TAKE IT FURTHER

1. Apply some thoughtful interactivity to the interface.
2. Re-arrange the layout thoughtfully such that there is a single-column version for mobile, and a multi-column or grid-based layout for tablets, desktops, or larger.
3. Incorporate one or more Bootstrap components to enhance the user experience.
4. Anything else you can think of...

SUBMITTING YOUR WORK

Submit the URL to the page on a public Web server. Please also upload a .zip archive that includes your HTML, CSS, JavaScript, SVG and all supporting Bootstrap dependencies.

EVALUATION

Please refer to the chart (assessment rubric) below. You will be graded on *how well* you followed the *assignment instructions* from both a *technical* and a *creative* perspective as spelled out in the rubric.