

3.0 hours

## Project 8

# Using Gulp to Build a Front End Website

### Why can't I submit this project yet?

You must first complete all prior Techdegree content before you can submit this project. Additionally, you cannot submit more than one project at a time.

Submit for Peer Review

Your current activity is [HTML Tables](#).

- [Instructions](#)
- [How you'll be graded](#)

To get a passing grade you'll need to submit a project that meets the following requirements. If your project receives a "Needs Work" rating on any of these tasks, then you'll need to edit your project and re-submit it until it "Meets" or "Exceeds" each task requirement.

	Needs Work	Meets Expectations	Exceeds Expectations
Build Process Dependencies	<ul style="list-style-type: none"><li>• Running the <code>npm install</code> command does not install the build process dependencies or they do not install properly</li></ul>	<ul style="list-style-type: none"><li>• Running the <code>npm install</code> command installs the build process dependencies properly</li></ul>	<ul style="list-style-type: none"><li>• N/A</li></ul>

	Needs Work	Meets Expectations	Exceeds Expectations
Scripts Task	<ul style="list-style-type: none"> <li>• The <code>gulp scripts</code> command is not found</li> <li>• The command does not properly concatenate, minify, and copy all of the project's JavaScript files into an <code>all.min.js</code> file.</li> <li>• The command does not copy the <code>all.min.js</code> file into the <code>dist/scripts</code> folder</li> </ul>	<ul style="list-style-type: none"> <li>• The <code>gulp scripts</code> command concatenates, minifies, and copies all of the project's JavaScript files into an <code>all.min.js</code> file</li> <li>• The command copies the <code>all.min.js</code> file into the <code>dist/scripts</code> folder</li> </ul>	N/A
Styles Task	<ul style="list-style-type: none"> <li>• The <code>gulp styles</code> command is not found</li> <li>• The command does not properly compile the project's SCSS files into CSS, or concatenate and minify into an <code>all.min.css</code> file</li> <li>• The command does not copy the <code>all.min.css</code> file into the <code>dist/styles</code> folder</li> </ul>	<ul style="list-style-type: none"> <li>• The <code>gulp styles</code> command compiles the project's SCSS files into CSS, and concatenates and minifies into an <code>all.min.css</code> file</li> <li>• The command copies the <code>all.min.css</code> file into the <code>dist/styles</code> folder</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>

	Needs Work	Meets Expectations	Exceeds Expectations
Source Maps	<ul style="list-style-type: none"> <li>• The gulp scripts and gulp styles commands are not found</li> <li>• The gulp scripts command does not generate JavaScript source maps</li> <li>• The gulp styles command does not generate CSS source maps</li> </ul>	<ul style="list-style-type: none"> <li>• The gulp scripts command generates JavaScript source maps</li> <li>• The gulp styles command generates CSS source maps</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Images Task	<ul style="list-style-type: none"> <li>• The gulp images command is not found.</li> <li>• The command does not decrease the size of any of the project's JPEG or PNG files.</li> <li>• The command does not copy the optimized images to the dist/content folder.</li> </ul>	<ul style="list-style-type: none"> <li>• The gulp images command copies the optimized images to the dist/content folder.</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
Clean Task	<ul style="list-style-type: none"> <li>• The gulp clean command is not found.</li> <li>• The command does not delete all of the files and folders in the dist folder</li> </ul>	<ul style="list-style-type: none"> <li>• The gulp clean command deletes all of the files and folders in the dist folder.</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>

	Needs Work	Meets Expectations	Exceeds Expectations
Build Task	<ul style="list-style-type: none"> <li>The <code>gulp build</code> command is not found.</li> <li>The command does not run the <code>clean</code>, <code>scripts</code>, <code>styles</code>, and <code>images</code> tasks.</li> <li>The <code>clean</code> task does not fully complete before the <code>scripts</code>, <code>styles</code>, or <code>images</code> tasks are ran.</li> </ul>	<ul style="list-style-type: none"> <li>The <code>gulp build</code> command properly runs the <code>clean</code>, <code>scripts</code>, <code>styles</code>, and <code>images</code> tasks.</li> <li>The <code>clean</code> task fully completes before the <code>scripts</code>, <code>styles</code>, and <code>images</code> tasks are ran.</li> </ul>	N/A
Default Task	<ul style="list-style-type: none"> <li>The <code>gulp</code> command cannot find the <code>default</code> task.</li> <li>The <code>gulp</code> command does not run the <code>build</code> task.</li> </ul>	<ul style="list-style-type: none"> <li>The <code>gulp</code> command properly runs the <code>build</code> task as a dependency</li> <li>The <code>gulp</code> command serves the project using a local webserver.</li> </ul>	<ul style="list-style-type: none"> <li>The <code>gulp</code> command also listens for changes to any <code>.scss</code> file. When there is a change to any <code>.scss</code> file, the <code>gulp styles</code> command is run, the files are compiled, concatenated and minified to the <code>dist</code> folder, and the browser reloads, displaying the changes</li> </ul>

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