

CPSC 473: Front-End Web Engineering - Summer 2018

Graduate Assignment, due 2 August 2018

This assignment assumes that you have completed Chapter 15 (Introduction to Node.js) and Chapter 16 (Real-Time Communication with WebSockets), and [Homework 5](#).

Rewrite `index.js` to use the [Diet.js](#) framework, instead of `extract.js` and the `http` module.

Include the Bronze/Silver Challenges from Homework 5. You may use a middleware module to help.

Submission

Turn in the code for this homework by uploading your `chattrbox/` directory to a public repository on GitHub. While you may discuss this homework assignment with other students, the work you submit must have been completed on your own.

To complete your submission, print the following sheet, fill out the spaces below, and submit it to the professor in class by the deadline. Failure to follow the instructions exactly will incur a **10%** penalty on the grade for this assignment.

CPSC 473 Graduate Assignment, due 2 Aug 2018

Your name _____

Repository <https://github.com/>_____/_____

Verify each of the following items and place a checkmark in the correct column. Each item incorrectly marked will incur a 5% penalty on the grade for this assignment.

Completed	Not Completed	
<input type="checkbox"/>	<input type="checkbox"/>	Files placed in the app/ directory can be viewed at http://localhost:8000 when index.js is running
<input type="checkbox"/>	<input type="checkbox"/>	Invalid URLs beginning with http://localhost:8000 result in HTTP 404 and the contents of app/error.html.
<input type="checkbox"/>	<input type="checkbox"/>	Files served from the app/ directory have the correct MIME type.
<input type="checkbox"/>	<input type="checkbox"/>	When index.js is running, chats can be held on ws://localhost:3001 as shown in Figure 16.4
<input type="checkbox"/>	<input type="checkbox"/>	The /topic command continues to work as in Homework 5
<input type="checkbox"/>	<input type="checkbox"/>	An .eslintrc.js file is present in the root of the repository and all issues detected by linter-eslint have been fixed
<input type="checkbox"/>	<input type="checkbox"/>	HTML, CSS, JavaScript code reformatted with the atom-beautify plugin
<input type="checkbox"/>	<input type="checkbox"/>	Project directory pushed to new GitHub repository listed above
<input type="checkbox"/>	<input type="checkbox"/>	Project directory has been pushed using a GitHub client, not by manually dragging-and-dropping files onto the GitHub web page.

Comments on your submission
