

Group 28:

Alexander Bui

Megan Tucker

David Oakley

March 17, 2021

Assignment #3

COSC 4353-20300

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1. GitHub repository link: <https://github.com/megant20/4353project>

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2. For the backend, we decided to switch from using C++ to JavaScript and NodeJS because it is easier to use for web applications. We backed up the validations for the forms we already have in HTML and CSS in JavaScript, and we also validated the data against what is stored for the user in the database with NodeJS.

Note: Instead of implementing hard code, we decided to establish the database in mySQL. This makes the software easier to utilize and fully test.

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3.

15 passing (14ms)

^C----- ----- ----- ----- ----- -----					
--					
File	% Stmts	% Branch	% Funcs	% Lines	Uncovered Line #s
----- ----- ----- ----- ----- -----					
All files	22.97	4	7.69	22.6	
index.js	22.97	4	7.69	22.6	...287,293-296,303-308,319
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4. Alex wrote up the framework for the backend. Implemented functions for /completeprofile, /signup. Megan added some extra backend validation to the landing page, added backend to update profile, and wrote this project document.
David wrote the fuel quote modules. Implemented linear regression to the pricing module.