

Group 28:

Alexander Bui  
Megan Tucker  
David Oakley  
February 11, 2021

Assignment #2

COSC 4353-20300

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

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2. At this point we are still sticking to our design and development methodology. One of reasons is that we did not establish a coding language to use at the time of submitting Assignment 1. As of now, as a group we decided on using html as the front end because of the simplicity and C++ as the backend deployed on a cloud server to manage requests from the frontend.  
The development methodology has stayed the same. For example, when we needed to update some frontend pages, we would quickly make the changes without impacting the rest of the frontend.

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3. We are using two coding languages to build our software. HTML was a choice as a frontend for its simplicity. C++ is our backend because we all have some relative experience with the language.

Megan: Designed the html pages for Login and Client Registration. Help brainstormed in the aesthetics of the frontend.

Alex: Designed the html page for Fuel Quote Form/ History tables and created this document  
(assignment2\_allAnswers)

David: Designed the html page for Client Profile Management. Implemented the menu ribbon for logged in users and designed the style.css.

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#### 4. Screenshots for the pages

Login / Sign Up

[login](#) [Sign up](#)

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Login

<input type="text" value="username/email"/>	<input type="text" value="password"/>	<input type="button" value="login"/>
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Sign Up

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## Sign up

username
email
password
repeat password
<input type="button" value="Sign up"/>

Passwords must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters.

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Complete Profile

Get a QuotePurchase HistoryProfileLog Out

Complete Profile

Full Name:

Address Line 1:

Address Line 2:

City:

city

State:

Alabama

Zip Code:

zip code

-

zip code extension

Complete

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Update Profile

Get a QuotePurchase HistoryProfileLog Out

Update Profile

Full Name:

Address Line 1:

Address Line 2:

City:

State:

Alabama

Zip Code:

-

Update

Cancel



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Fuel Quote Form

Get a QuotePurchase HistoryProfileLog Out

Fuel Quote Form

Gallons Requested:

Delivery Address:

placeholder1

Delivery Date:

mm/dd/yyyy

Suggested Price per Gallon:

placeholder2

Total Amount Due:

placeholder3

Submit

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## Fuel Quote History

Get a Quote

Purchase History

Profile

Log Out

Fuel Quote History

Gallons Requested	Delivery Address	Delivery Date	Suggested Price	Total Amount Due
21	4800 Calhoun Rd, Houston, TX 77004	02/20/2021	43.53	914.13

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REPOSITORY

<https://github.com/megant20/4353project>