

Group 28:

Alexander Bui  
Megan Tucker  
David Oakley  
February 25, 2021

Assignment #2

COSC 4353-20300

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

landingpage.html is the entry point for the site. From there you can register or go to the log in page. Upon registration, you'll be prompted to complete your profile. If you instead choose the log in option, you'll be taken to the log in page. In either scenario, once you're registered or logged in, you're taken to the fuel quote form. Once there, you also have access to your quote history and profile as well as a logout option (which just takes you back to the login page).

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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 pages for Client Profile Management (complete and update). Implemented the ribbon menu for logged in users and designed the CSS stylesheet. Made style adjustments to the other pages as well.

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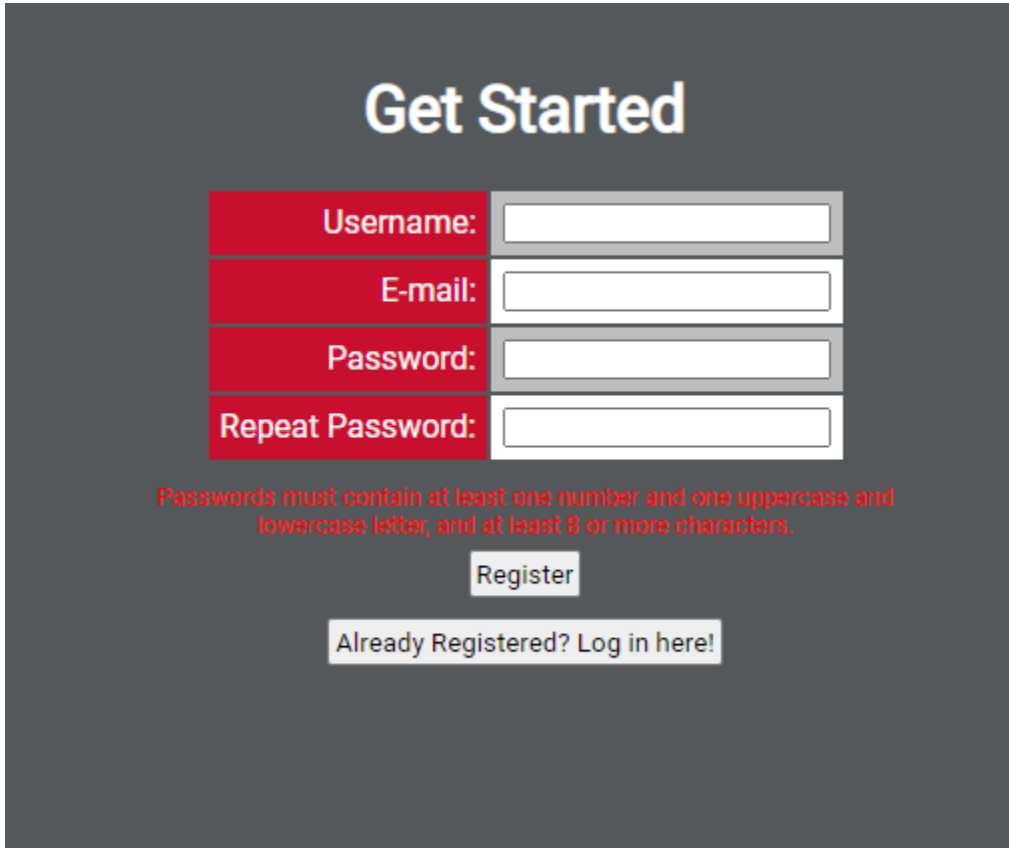
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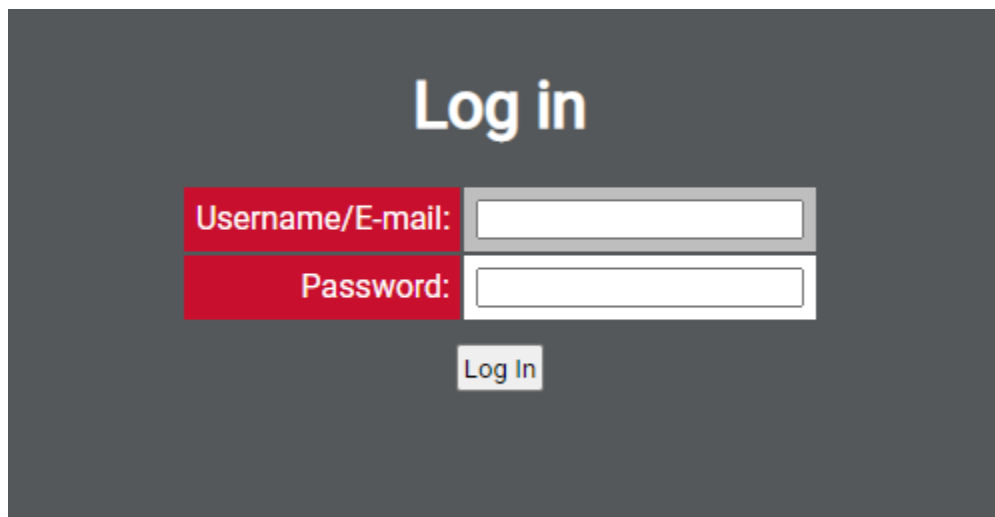
#### 4. Screenshots for the pages

##### Getting Started



The screenshot shows a registration form titled "Get Started" on a dark gray background. The form consists of four red labels with white text: "Username:", "E-mail:", "Password:", and "Repeat Password:". Each label is followed by a white input field with a gray border. Below the input fields, there is a red text message: "Passwords must contain at least one number and one uppercase and lowercase letter, and at least 8 or more characters." Below this message is a white button with the text "Register". At the bottom, there is a white button with the text "Already Registered? Log in here!".

##### Login



The screenshot shows a login form titled "Log in" on a dark gray background. The form consists of two red labels with white text: "Username/E-mail:" and "Password:". Each label is followed by a white input field with a gray border. Below the input fields is a white button with the text "Log In".

Complete / Update Profile

[Get a Quote](#) [Fuel Quote History](#) [Profile](#) [Log Out](#)

## Complete Profile

|                 |   |
|-----------------|---|
| Full Name:      | <input type="text"/>  |
| Address Line 1: | <input type="text"/>  |
| Address Line 2: | <input type="text"/>  |
| City:           | <input type="text"/>  |
| State:          | <input type="text" value="Alabama"/>                          |
| Zip Code:       | <input type="text"/> - <input type="text" value="extension"/> |

Complete

[Get a Quote](#) [Fuel Quote History](#) [Profile](#) [Log Out](#)

## Update Profile


|                 |   |
|-----------------|---|
| Full Name:      | <input type="text"/>                        |
| Address Line 1: | <input type="text"/>                        |
| Address Line 2: | <input type="text"/>                        |
| City:           | <input type="text"/>                        |
| State:          | <input type="text" value="Alabama"/>        |
| Zip Code:       | <input type="text"/> - <input type="text"/> |

Update Cancel

## Fuel Quote Form

[Get a Quote](#) [Fuel Quote History](#) [Profile](#) [Log Out](#)

## Fuel Quote Form

|                             |   |
|-----------------------------|---|
| Gallons Requested:          | <input type="text"/>  |
| Delivery Address:           | <input type="text"/>  |
| Delivery Date:              | <input type="text" value="mm/dd/yyyy"/>  |
| Suggested Price per Gallon: | <input type="text"/>  |
| Total Amount Due:           | <input type="text"/>  |

Submit

## Fuel Quote History

[Get a Quote](#) [Fuel Quote 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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#### REFERENCES

<https://cssdeck.com/labs/ribbonmenu>

[https://www.w3schools.com/howto/howto\\_js\\_password\\_validation.asp](https://www.w3schools.com/howto/howto_js_password_validation.asp)