

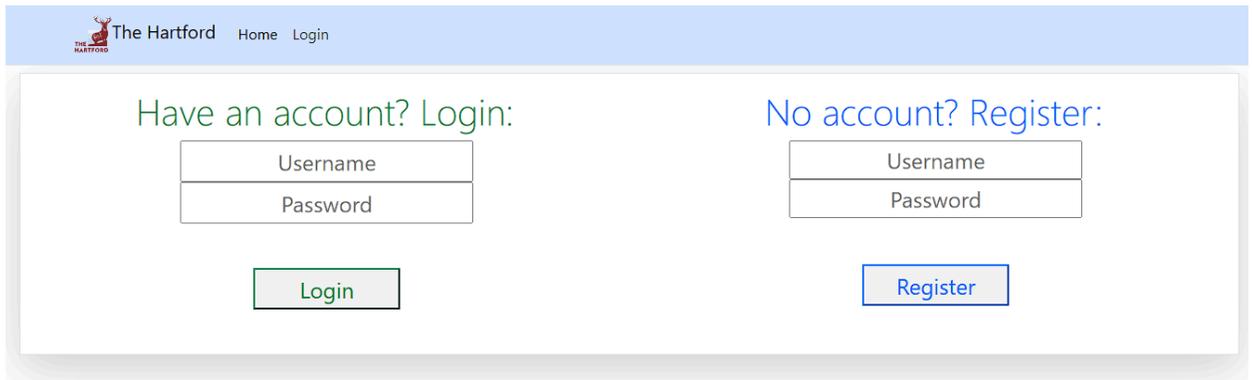
To deploy/install: This system is hosted entirely on AWS, and uses a serverless architecture. No steps need to be taken to deploy or install the application, as it is deployed by default. Should an update to the flat file be needed, the file must be downloaded from NHTSA, and then dragged and dropped into the S3 bucket on AWS. The current flat file comes pre-installed.

Main features: This system allows users to select a make, model, and year of a car, as well as to specify which state they are from. It then uses this input data to display a car's risk rating, and what an estimated premium based on recalls and complaints would be. Additionally, it allows users to register for an account and to sign in.

Admin accounts may also be created, which currently only have the mechanisms to create other admin accounts, or to promote existing accounts to admin. However, as password hashing was recently added to the system, but not yet carried over to the admin panel, this cannot currently be done in the live build of the server.

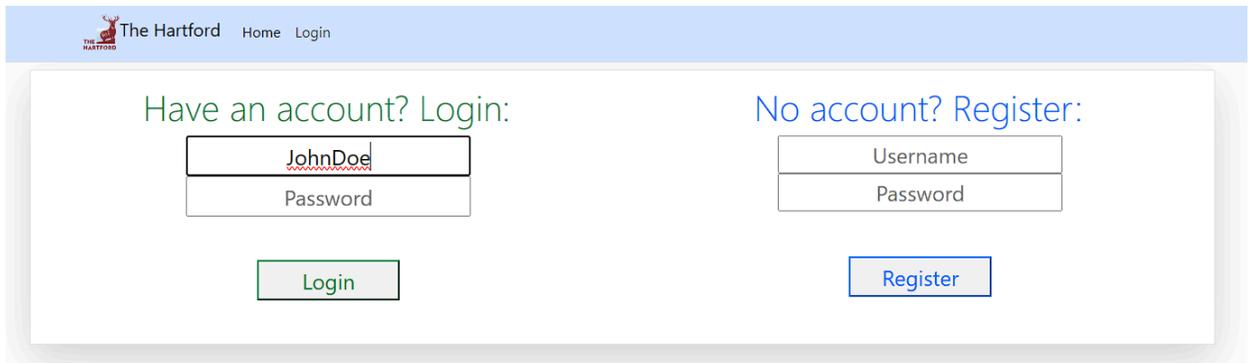
## Walkthrough 1: Sign-in, and car information display.

1. Navigate to the sign-in page.



The screenshot shows the top navigation bar with the logo for 'The Hartford' and links for 'Home' and 'Login'. Below the navigation bar, there are two columns of text: 'Have an account? Login:' on the left and 'No account? Register:' on the right. Under 'Have an account? Login:', there are two input fields: 'Username' and 'Password', followed by a 'Login' button. Under 'No account? Register:', there are two input fields: 'Username' and 'Password', followed by a 'Register' button.

2. Now, enter your username into the sign-in field.



The screenshot shows the same sign-in page as above, but with the 'Username' field under 'Have an account? Login:' containing the text 'JohnDoe'. The 'Password' field is still empty. The 'Login' and 'Register' buttons are still present.

3. Next, enter your password.

 The Hartford Home Login

Have an account? Login:

JohnDoe  
.....

Login

No account? Register:

Username  
Password

Register

4. Hit the sign-in button.

 The Hartford Home Login

Have an account? Login:

JohnDoe  
.....

Login

No account? Register:

Username  
Password

Register



5. You will be taken to the following page.

 The Hartford Home Login

State ▾

Make ▾

Model ▾

Year ▾

Submit

Risk

6. Select your state from the drop-down.

The Hartford Home Login

Connecticut ▾

Make ▾

Model ▾

Year ▾

Submit

Risk

7. Select your car's make from the drop down.

The Hartford Home Login

Connecticut ▾

KIA ▾

Model ▾

Year ▾

Submit

Risk

8. Select your car's model from the drop down.

The Hartford Home Login

Connecticut ▾

KIA ▾

SOUL ▾

Year ▾

Submit

Risk

9. Select your car's year from the drop down.

The Hartford Home Login

Connecticut ▾

KIA ▾

SOUL ▾

2020 ▾

Submit

Risk

10. Hit the 'submit' button.

The Hartford Home Login

Connecticut ▾

KIA ▾

SOUL ▾

2020 ▾

Submit

Risk

11. Your car's information is now displayed for you.



Connecticut ▾

KIA ▾

SOUL ▾

2020 ▾

Submit

**Premium \$1277**



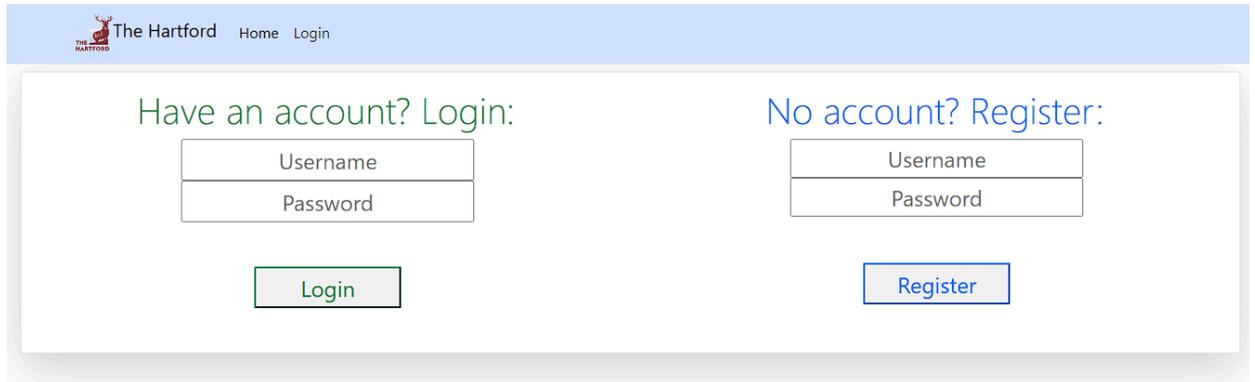
1) ENGINE

2) ENGINE

## Walkthrough 2:

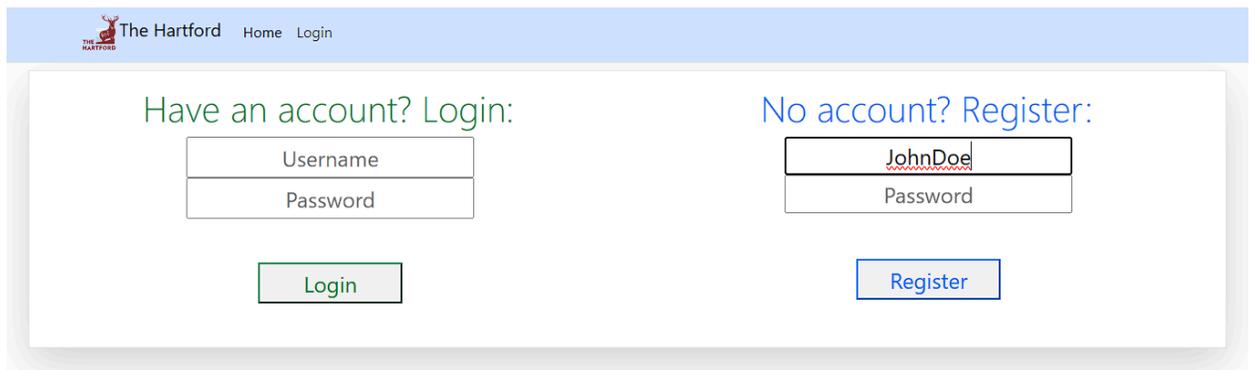
### Register for an account, sign in, and display car information.

1.) Navigate to the sign-in page.



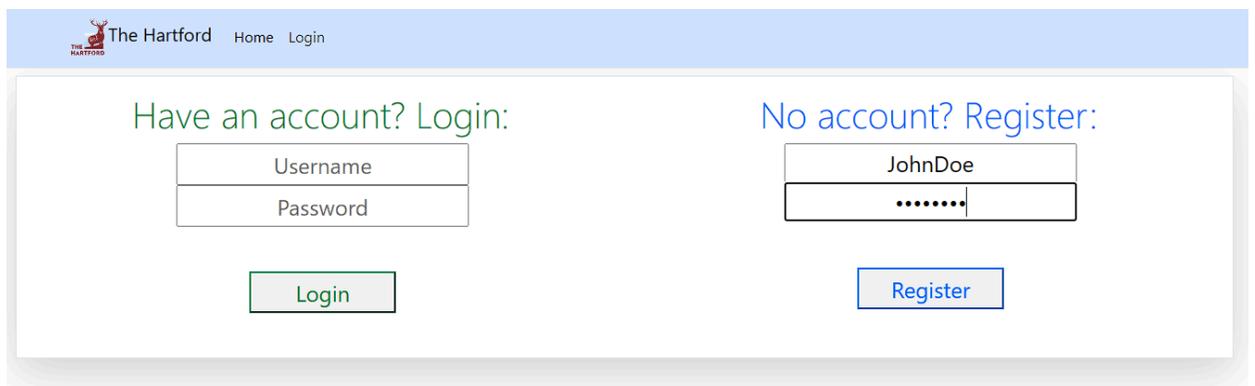
The screenshot shows the top navigation bar with the logo for 'The Hartford' and links for 'Home' and 'Login'. Below the navigation bar, there are two columns of form fields. The left column is titled 'Have an account? Login:' and contains two input fields labeled 'Username' and 'Password', followed by a 'Login' button. The right column is titled 'No account? Register:' and contains two input fields labeled 'Username' and 'Password', followed by a 'Register' button.

2.) Enter your desired username.



The screenshot shows the same page as the previous one, but with the 'JohnDoe' text entered into the 'Username' field of the 'No account? Register:' section. The 'Password' field is empty. The 'Login' and 'Register' buttons are still present.

3.) Enter your desired password.



The screenshot shows the same page as the previous one, but with the 'JohnDoe' text entered into the 'Username' field and a masked password (represented by seven dots) entered into the 'Password' field of the 'No account? Register:' section. The 'Login' and 'Register' buttons are still present.

4.) Hit the 'Register' button

The screenshot shows the top navigation bar with the logo 'The Hartford' and links for 'Home' and 'Login'. Below the navigation bar, there are two columns of text: 'Have an account? Login:' and 'No account? Register:'. Under 'Login:', there are two input fields labeled 'Username' and 'Password', and a 'Login' button below them. Under 'Register:', there are two input fields labeled 'JohnDoe' and '.....', and a 'Register' button below them. The 'Register' button is circled in red with arrows pointing to it from all four sides.

5.) You will get a pop-up confirming account creation. Hit OK.

This screenshot is similar to the previous one, but it features a dark grey pop-up window in the center. The pop-up has the text 'hartfordproject.s3.amazonaws.com says' and 'User Added' with an 'OK' button in the top right corner. The background login and register forms are visible but slightly dimmed.

6.) Now, enter your username into the sign-in field.

The screenshot shows the login/register page. In the 'Have an account? Login:' section, the 'Username' field now contains the text 'JohnDoe'. The 'Password' field is empty. The 'Register' button in the 'No account? Register:' section is highlighted with a blue border.

7.) Next, enter your password.

The screenshot shows the login/register page. In the 'Have an account? Login:' section, the 'Username' field contains 'JohnDoe' and the 'Password' field contains '.....'. The 'Register' button in the 'No account? Register:' section is highlighted with a blue border.

8.) Hit the sign-in button.

 The Hartford [Home](#) [Login](#)

Have an account? Login:

JohnDoe

.....

Login

No account? Register:

Username

Password

Register

9.) You will be taken to the following page.

 The Hartford [Home](#) [Login](#)

State ▾

Make ▾

Model ▾

Year ▾

Submit

Risk

10.) Select your state from the drop-down.

 The Hartford [Home](#) [Login](#)

Connecticut ▾

Make ▾

Model ▾

Year ▾

Submit

Risk

11.) Select your car's make from the drop down.

The Hartford Home Login

Connecticut ▾

KIA ▾

Model ▾

Year ▾

Submit

Risk

12. Select your car's model from the drop down.

The Hartford Home Login

Connecticut ▾

KIA ▾

SOUL ▾

Year ▾

Submit

Risk

13. Select your car's year from the drop down.

The Hartford Home Login

Connecticut ▾

KIA ▾

SOUL ▾

2020 ▾

Submit

Risk

14. Hit the 'submit' button.

The Hartford Home Login

Connecticut ▾

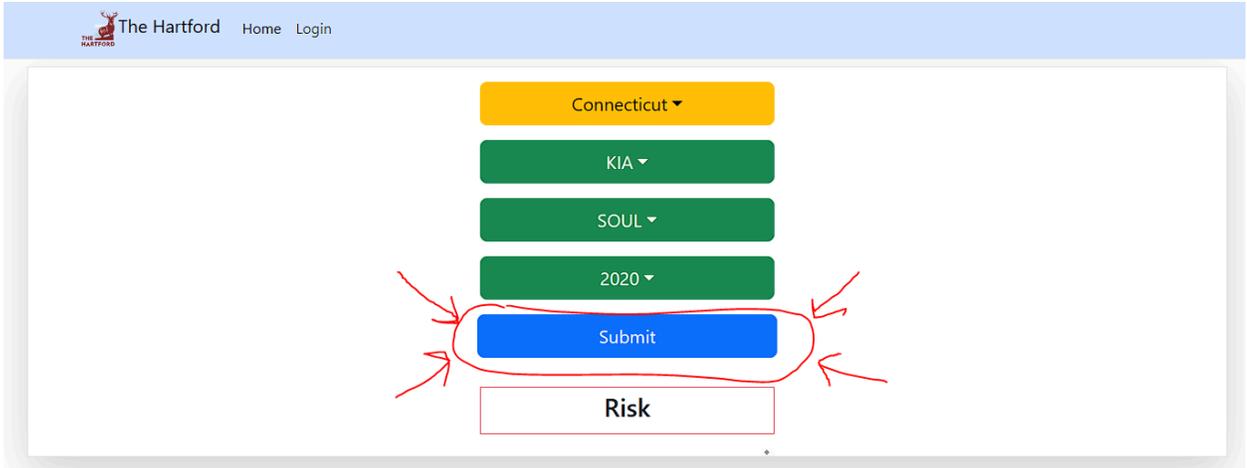
KIA ▾

SOUL ▾

2020 ▾

Submit

Risk



15. Your car's information is now displayed for you.

The Hartford Home Login

Connecticut ▾

KIA ▾

SOUL ▾

2020 ▾

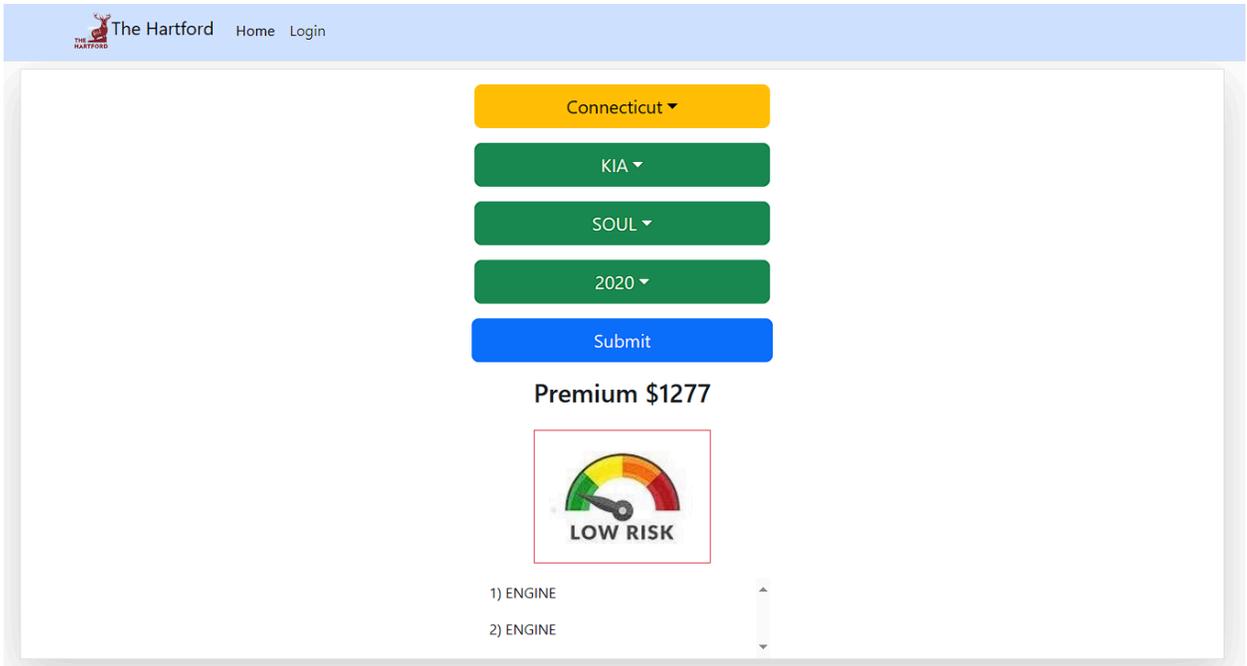
Submit

Premium \$1277



1) ENGINE

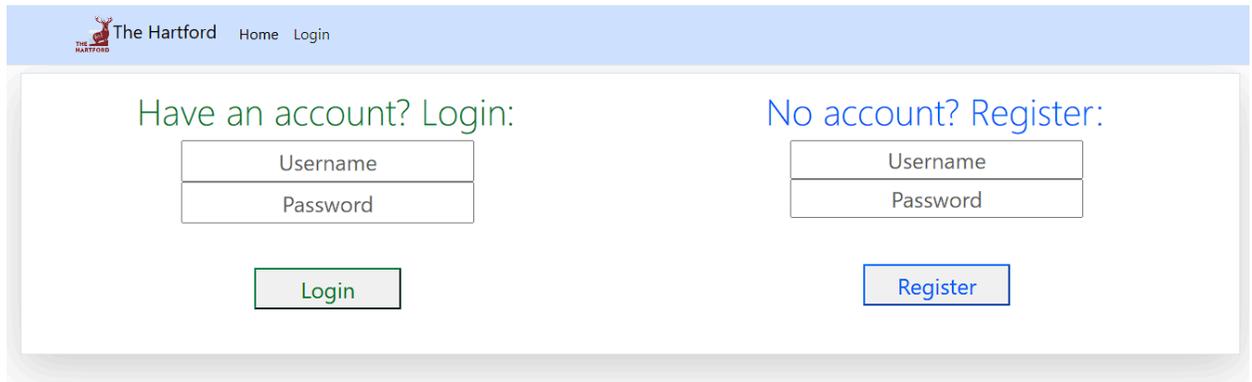
2) ENGINE



### Walkthrough 3:

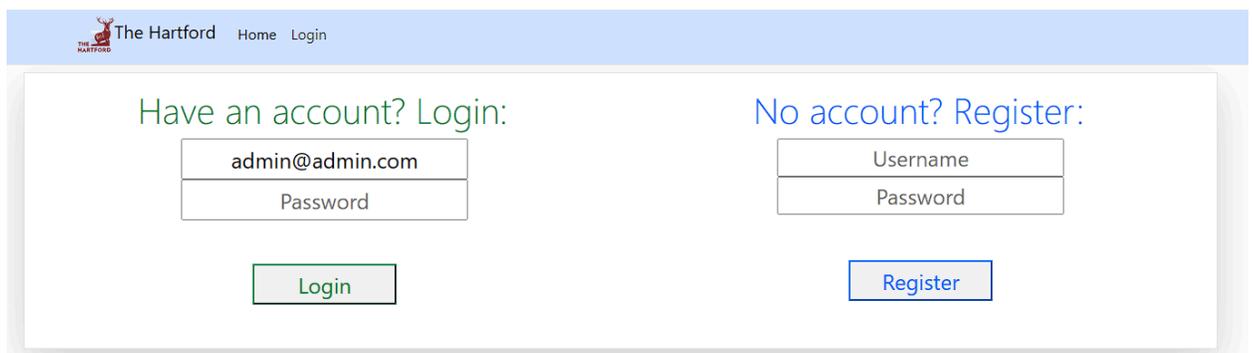
Sign in to an admin account.

1.) Navigate to the sign-in page.



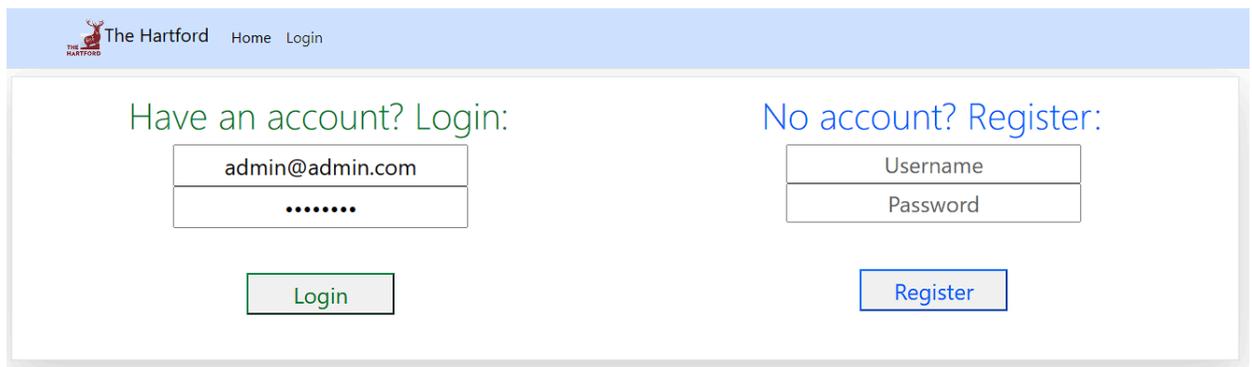
The screenshot shows the top navigation bar with the logo 'The Hartford' and links for 'Home' and 'Login'. Below the navigation bar, there are two columns of form elements. The left column is titled 'Have an account? Login:' and contains two input fields labeled 'Username' and 'Password', followed by a green 'Login' button. The right column is titled 'No account? Register:' and contains two input fields labeled 'Username' and 'Password', followed by a blue 'Register' button.

2.) Enter admin username.



The screenshot shows the same sign-in page as in step 1. The 'Username' field in the 'Have an account? Login:' section now contains the text 'admin@admin.com'. The 'Password' field is empty. The 'Login' button is still green, and the 'Register' button is still blue.

3.) Enter the password for the admin account.



The screenshot shows the same sign-in page. The 'Username' field contains 'admin@admin.com' and the 'Password' field contains seven dots, indicating a masked password. The 'Login' button is still green, and the 'Register' button is still blue.

4.) Hit the 'login' button.

The Hartford Home Login

Have an account? Login:

admin@admin.com

.....

Login

No account? Register:

Username

Password

Register

5.) Hit the 'admin panel' tab in the nav bar.

The Hartford Home Login Admin panel

State ▾

Make ▾

Model ▾

Year ▾

Submit

Risk

6.) You are now at the admin panel.

The Hartford Home Login Admin panel

Username

Password

Make Admin + Admin