

# User Documentation

## What is 1-Stop Car Shop?

Welcome to 1-Stop Car Shop! This free software combines “all present market listings” (simulated data) for new and used cars onto one website (by means of a large, constantly updating database of cars) with recently sold car prices included (if applicable) and provides a way to have your car’s price estimated instantly (with the help of MarketCheck’s Price Predictor API). Save time by using the functionalities of our web service, rather than finding each function of the service on a different site!

This web service was created from scratch mainly as a team-based class project for CS3300 at the University of Colorado Colorado Springs by Computer Science students John Camargo, Jackson Seales, Kylie Sanchez, and Lucas Estevez

This service is intended for anyone looking to buy a new/used car, anyone who wants an instant price estimation for their car, and anyone who wants to put their car up for sale on the site.

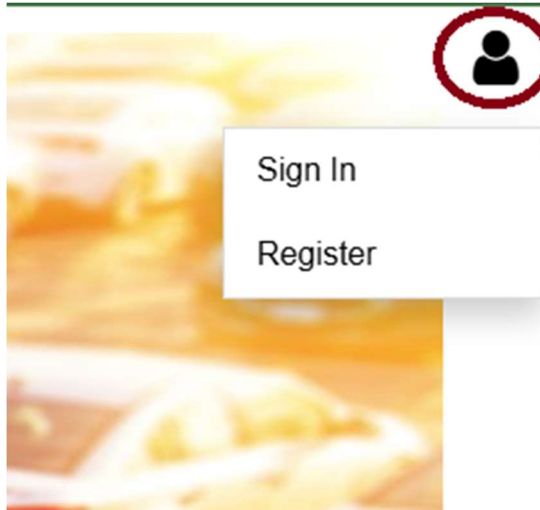
## User Set-up/Installation

There is **no set-up or installations required for the user to use the web service**. Anyone with access to a link to the deployed Web Service should be able to access all elements and features of the service.

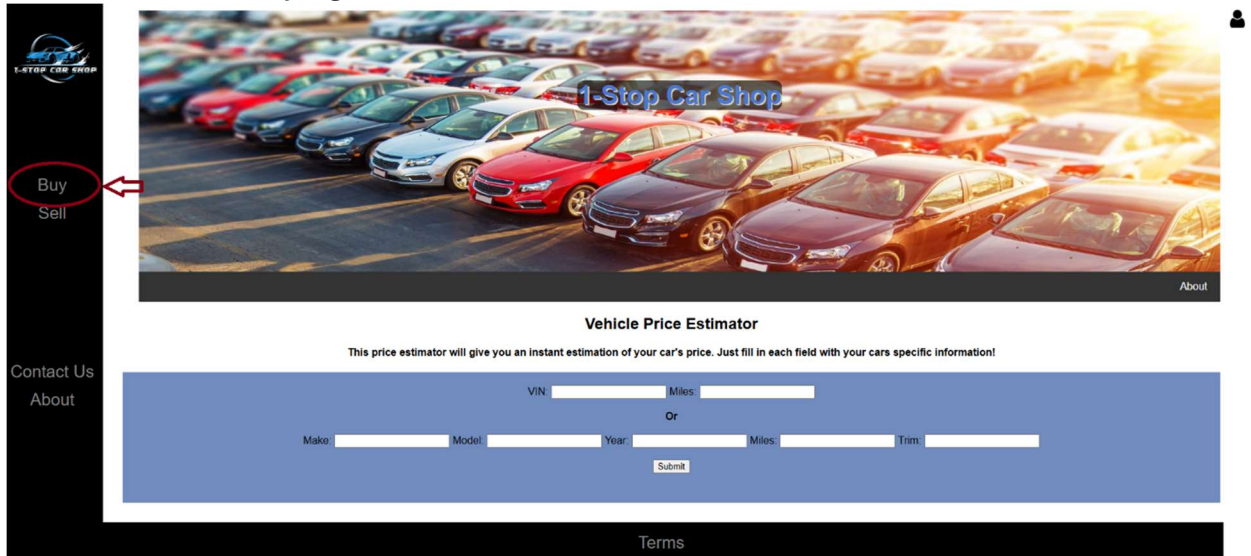
## User Usage

1. Once the web service is deployed, all the user needs to access the service is a link to the website (which if you are a developer, you can find on your Render Dashboard).
2. Users visit <https://cs3300-semester-project-ekbv.onrender.com>.
3. Unregistered users can browse available cars and navigate to all pages except for the sell page and saved cars page.
  - If a user is trying to access the sell page without being logged in, it will re-direct to the login/register pages.
  - Users can login/register using a username and/or valid email and password (which is hashed with BCrypt).

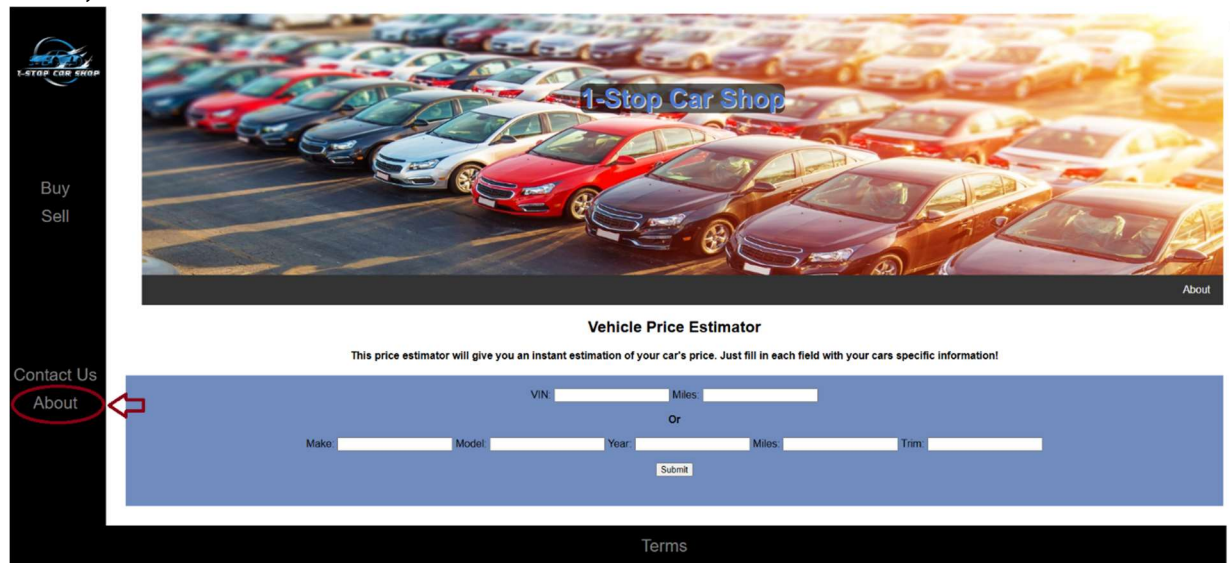
4. The user logo in the top right corner of each page will link to the Sign In and Register pages when not signed in; if logged-in, it will link to the user's Saved Cars and a Sign Out button.



5. Any user may navigate to the Buy page, where they can filter through a large list of cars using intuitive buttons that are reactive and filter as you press. They may save cars they are interested in if they log in or create an account.

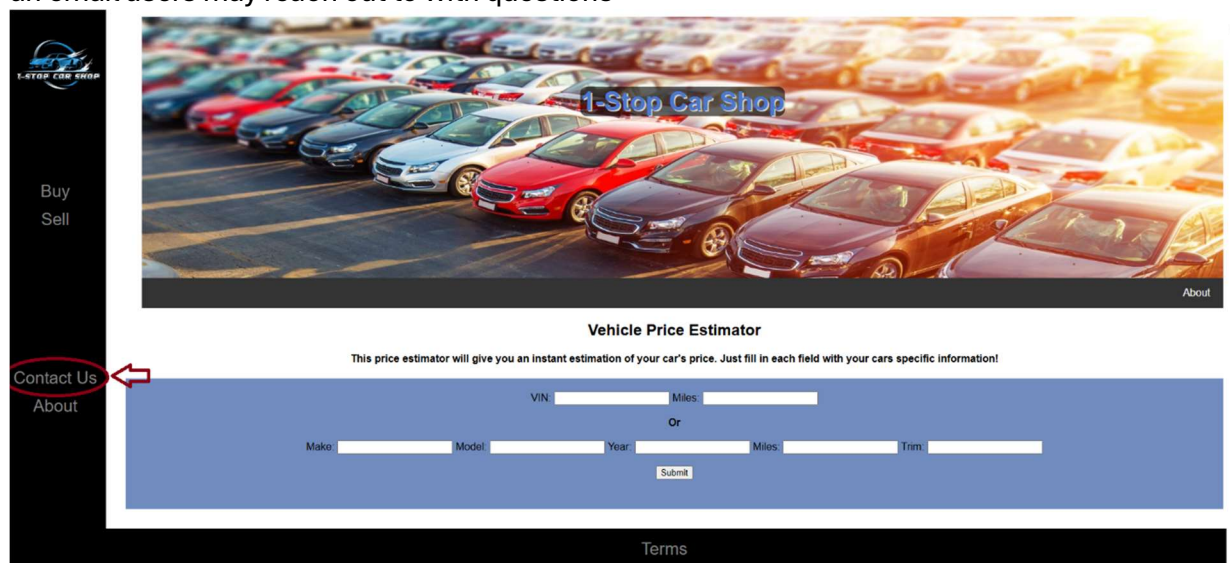


6. Any user may navigate to the About page, which explains what the service is and why it exists; also includes links to more information on the service.



The screenshot shows the 1-Stop Car Shop website. The header features the logo and a navigation menu with 'Buy' and 'Sell' links. The main content area displays a large image of a car lot with the text '1-Stop Car Shop' overlaid. Below this is a 'Vehicle Price Estimator' section with a blue background. The estimator includes a form with fields for VIN, Miles, Make, Model, Year, and Trim, and a 'Submit' button. The 'About' link in the navigation menu is circled in red, and a red arrow points to it. The footer contains a 'Terms' link.

7. Any user may navigate to the Contact Us page, which has a link to our GitHub along with an email users may reach out to with questions

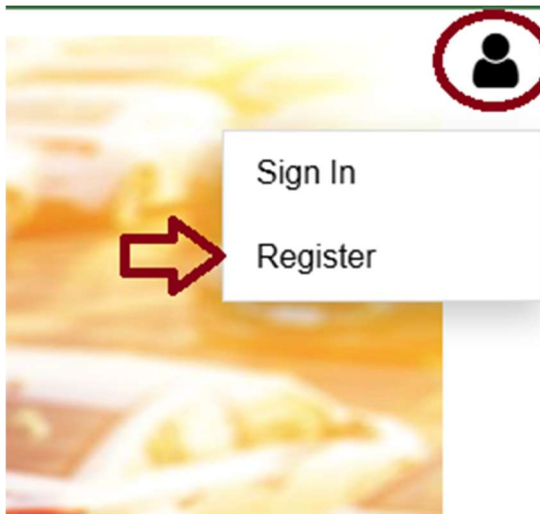


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8. Any user may navigate to the Terms page, which details/links the licenses used by the service and by MarketCheck (to use their API)

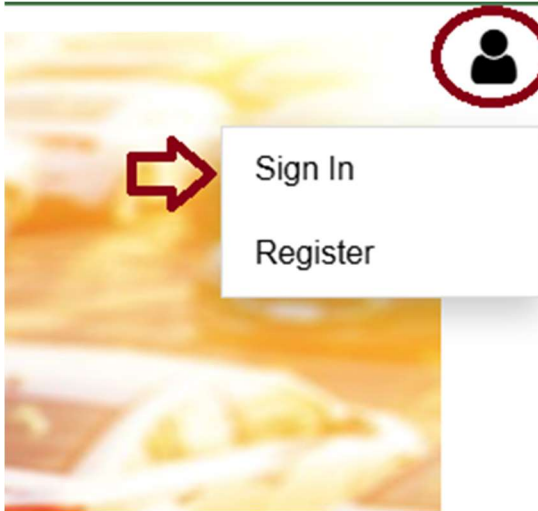
The screenshot shows the 1-Stop Car Shop website. On the left is a dark sidebar with the logo and links: Buy, Sell, Contact Us, and About. The main content area features a large image of a car lot with the '1-Stop Car Shop' logo overlaid. Below this is the 'Vehicle Price Estimator' section, which includes a blue form with input fields for VIN, Miles, Make, Model, Year, and Trim, along with a Submit button. A red arrow points from the Submit button to a 'Terms' link located below the form.

9. Any user may navigate to the Register page (under the user drop down button), which allows users to create a 1-Stop Car Shop account as long as they provide a username, password, and valid email address.

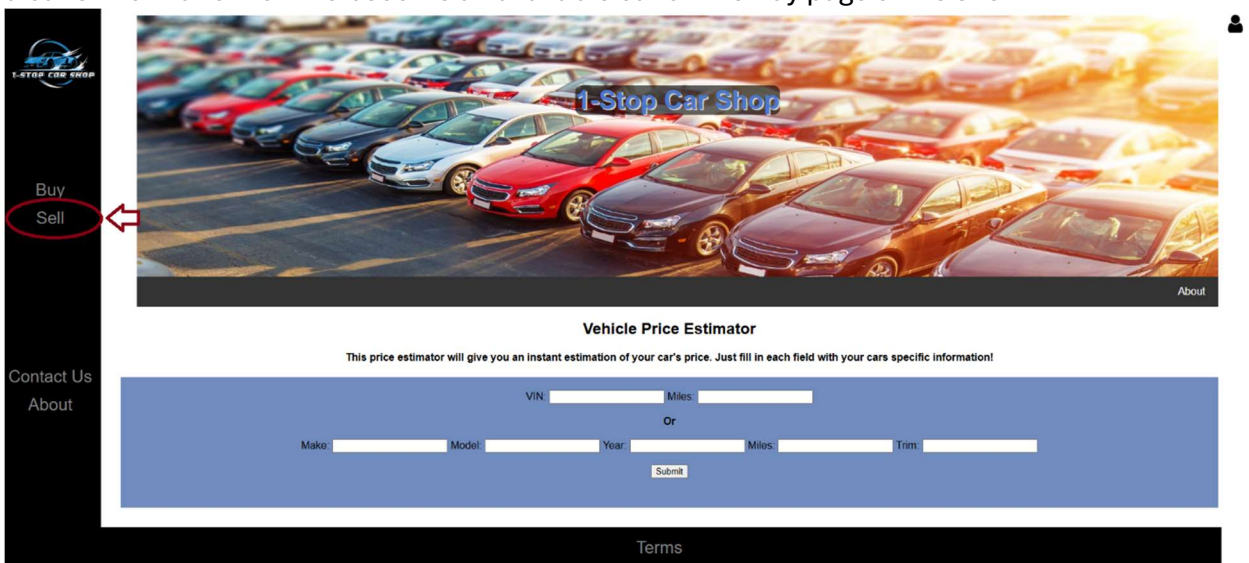


10. Any user may navigate to the Sign In page (under the user drop down button), which allows users with existing 1-Stop Car Shop accounts to sign/log in and gain access to their saved cars and the ability to save cars in the first place. Also links to the Register

page in case the user does not have an account.

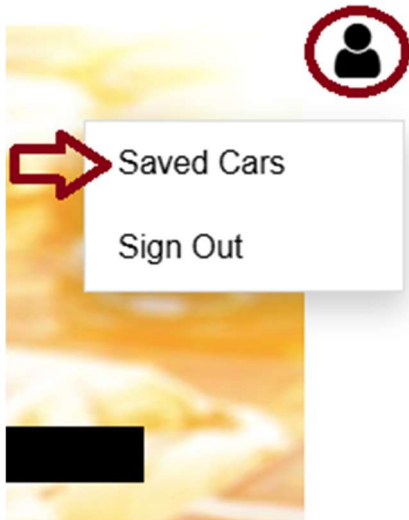


11. Logged-in users may navigate to the Sell page, which allows users with accounts to input a car's information for it to become an available car on the Buy page of the site.



12. Logged-in users may navigate to the Saved Cars page (from the user drop-down button), which displays a list of cars the logged user's saved cars (which they saved from the Buy page)





13. Logged-in users may Sign Out by navigating to the user drop-down button and selecting Sign Out

