eRide Demonstration Guide

The eRide project was designed to showcase our understanding of .NET aspx. Although the timeframe did not allow us to deliver a full site, some key features of .NET and some specific techniques we learned were applied.

This document points out some of these elements.

A note on Authorization. Most pages in the project don’t require authorization to be used: a person perusing the project can get a better understanding of the different roles covered by the project this way. However, some operations are coded to require authorization so that we could demonstrate that we know how to implement the feature.

**Dynamic Index Page uses a ViewModel**

The Index page was developed by our front end team, Mojgan and Lucas, and integrated into the project by Miguel. Although the car types won’t change often, the pricing might.

To see it in action:

1. Look at the pricing section on the home page
2. Go to /CarTypes and Edit a CarType of your choice to change pricing
3. See the price change on the home page
4. Look at the “choose your ride section”. There’s a typo. The S in smart for two should be capitalized
5. Go to /CarTypes and edit the SM42 record. Correct the typo in the FullName field
6. Return to the home page to see the change

**Foreign keys in Entity Framework**

Cars and CarTypes are related in “Code First” Schema Annotations.

**Displaying db records on a map (Not seen in class)**

/Fleet/Map shows the current position of all fleet cars on a map