



Auto-World

Lucas Cima

@Lucas-Cima on GitHub

What Does Auto-World Do?

- Through Auto-World a user has an easy to use interface that they can use to track their technicians, customers, cars, and jobs.
- One can also trace back to a specific job to a specific technician based on how the data is linked

What Features does Auto-World have?

- Auto-World allows a business to let only employees use it as you require a username to use the application.
- When using Auto-World one can add a Technician, Car, Customer, or Job.
- One can also delete those same objects

How are the Databases Connected?

There are a total of five data tables titled: User, Tech, Car, Customer, and Job.

These are all connected in some way excluding the User table.

The Car table uses the Customer table so each Car object has a Customer name associated with it.

The Job table uses both the Tech table and the Car table; This is so each Job can be traced back to a specific technician or car

The User table is used to allow specific individuals access to the application

Technology Stack

- Languages: Java 8, HTML, CSS
- IDE: IntelliJ
- SQL local server
- Bootstrap
- Spring Boot
- Thymeleaf and Hibernate

Auto-World Demo

Things I have learned

- Further fortifying my skills with Java and how it works with Thymeleaf and Hibernate
- A better understanding of how HTML, CSS, and Bootstrap all work together
- Understanding SQL server
- Data Schema

What is next?

- From here my time will be spent working with JavaScript to create a more interactive and impressive front-end view
- More features including individual profiles for Techs, Cars, Customers, and Jobs
- Working to create a Search Bar for faster viewing of data