Food Truck Finder

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Description

Food Truck Finder is a website that allows users to find locations of food trucks near them.

The idea came from food trucks being unique places to enjoy food, but not having any sense of regularity. When I've seen 20+ food trucks lined up at festivals and other events, it made me wonder where they're stationed at outside of those special occasions.

Features

- User (customer) login: Users will be able to create accounts and log into the application.
- User (food truck operator) login: Food Truck operators will be able to register as a business account.
- Search: Users will be able to search for food trucks in their area by location and other parameters.

Planning - User Stories

- Users can register an account.
- Users can search for Food Trucks based on location.
- Users can view the results and a visual map showing their location and the nearest results.

Planning - Database

- Users (Customers) - Username, Password (hashed), Default Address
- Users (Business) - Username, Password (hashed), Ability to request a new Food Truck business listing
- Food Trucks - Potentially linked to Business Users, contains details such as location, hours of operation, and menu descriptions

Technology Stack

- Java
- Spring MVC
- ThymeLeaf
- MAMP
- Google Maps API, IntelliJ IDEA

Demo

What I Learned

- Scale and size of an independent project
- Google Maps API
- Cemented a better understanding of ThymeLeaf and Spring MVC

What's Next

- Finish remaining User Stories to have a fully functional MVP.
- Add in some aesthetics to make the UI more appealing.
- Look into notifications to allow Food Trucks to alert users when they're serving.