Essential Wellness

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Description

Susan's friend Nita wanted a way to search essential oils by what ailments they treat. Our Essential Wellness application allows users to do this, along with searching by name and viewing all oils. Users can also add specific oils to their personal "medicine cabinet." Site admins can add, delete, or edit an essential oil entry, or add and delete essential oil properties.

Features

- Admins can delete oils from the site, as well as edit/add the oil's properties and descriptions.
- Any user can view and search the database of essential oils.
- Account holders can add their favorite oils to their personalized medicine cabinet.

Planning - User Stories

- Users can view the list of essential oils
- Users can search the list of essential oils
- Users can log-in and out
- Users can add oils to their medicine cabinet when logged in
- Admins can add, delete, and edit oils

Planning - Database

- Essential Oils Table
  - Holds oil name and description which are assigned to an id
- Properties Table
  - Holds oil properties which are assigned to an id
- Oil/Property Table
  - Allows specific properties to be assigned to a specific oil
- User/Oil Table
  - Allows users to add oils to their personal medicine cabinet
- ASPNetUsers Table
  - Keeps track of users, their emails, and their (hashed) passwords

Technology Stack

- Language — C#
- Framework — ASP.NET MVC
- Template engine — Razor Pages
- Database engine — MySQL
- Other libraries or components — Bootstrap

Demo

What We Learned

- Bootstrap
- How to send registration confirmation to a user email
- Personal user profiles
- How to identify the current user

What's Next

- Make the personal medicine cabinet more interactive for the user
  - Implement notes section and star ranking system
- Look into Google Authentication and/or Identity roles so that only admin profiles can add, delete, and edit oils and properties
- Make sure all the front-end design is cohesive across the site