

Let's Try MVC

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Description

Let's Try MVC is my capstone project for the LaunchCode (CoderGirl) 2021 Cohort. I've created a simple website for a fictional e-commerce company that incorporates login/logout functionality, picture upload capabilities, friend-groups, and purchasing functionality for a fluid, uncomplicated user experience.



Features

- Users can upload and delete photos from their local images
- Different Users can connect to each other for photo access
- Users can filter products and/or photos by category
- Secure Login/Logout for all Users



Planning - User Stories

1. As a User, I want to be able to add a friend so I can view their current and past completed project pictures.
2. As a User, I want to be able to upload (and delete) photos to show off to my friends.
3. As a user, I want to be able to purchase products whether or not I'm logged in.



Planning - Database

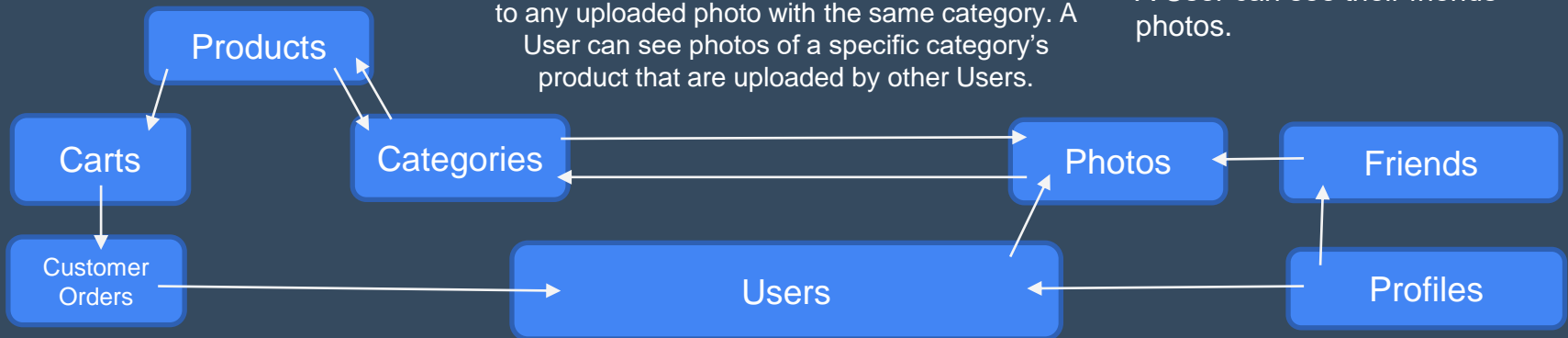
All Products are connected to the Carts they reside in, and once purchased, to the Customer Orders. The Customer Orders are connected to the Users by e-mail.

Photos are linked to the User who uploads them by email.

Profiles are made for Users to easily link “friends” by Profile IDs.

A User can see their friends’ photos.

Products are given a category, which corresponds to any uploaded photo with the same category. A User can see photos of a specific category’s product that are uploaded by other Users.



Technology Stack

- C#
- .NET , .NETCore, and EntityFrameworkCore
- MySQL
- Identity



Demo



What I Learned

- How to use Sessions (kind of!)
- How to manage photo uploading and deletion
- Several new (to me) Bootstrap implementations
- How to utilize a class through several different tables at the same time
- I completely switched my project half way through the Unit. That taught me time management, for sure!



What's Next

- Integration of a Payment API for even more secure transactions for Users
- Updating the layouts throughout to match the Shopping Cart View
- Adding an Admin Role to Authenticate before product/product category updates, edits, or deletions
- Transitioning this application to an AngularCLI with a SQLServer database

