

FooCommerce website

Final project

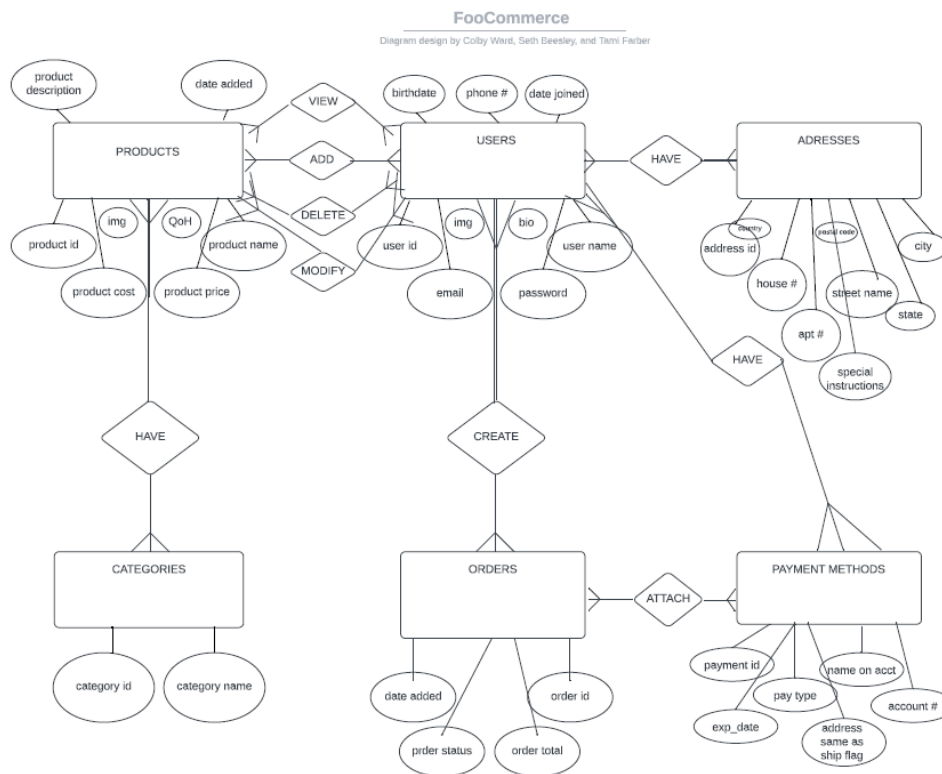
ASE230 Fall 2022

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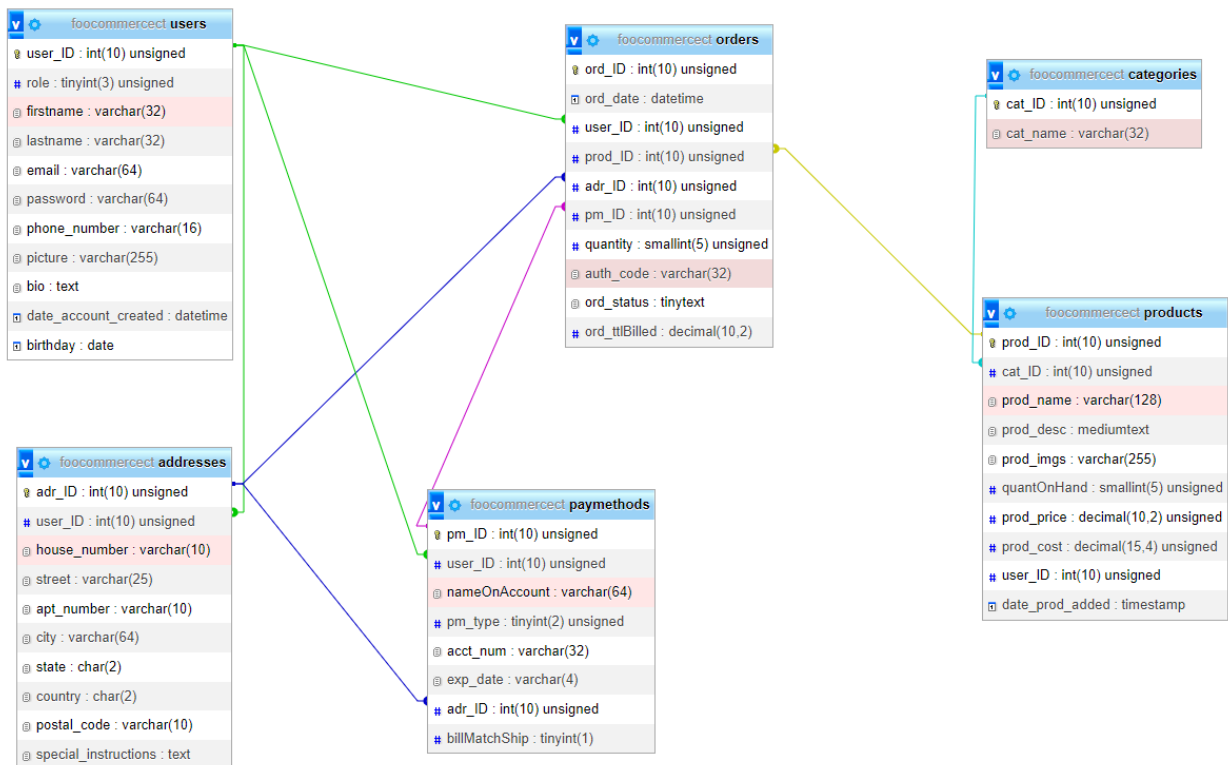
Our business model was an e-commerce website similar to Etsy. The expected interactions derived from the business questions were:

- Visitors to the site who could view items for sale by sellers' shops. (view products)
 - Registered users who could purchase goods
 - user profile management
 - user address management for shipping and billing
 - user order placement (view/select products)
 - user payment method management
 - Register sellers who could sell goods
 - seller profile management (as user)
 - seller product listing management (create/update/delete products)
 - seller receipt of order for fulfillment listing management (update)
 - Authorized administrators who could expand the list of categories
 - FooCommerce database management (create/update/delete categories)
- *** Presumably, they would have other moderator functions as well, but that was outside the scope of our project.

First step, was to create an ER diagram based on the business rules.

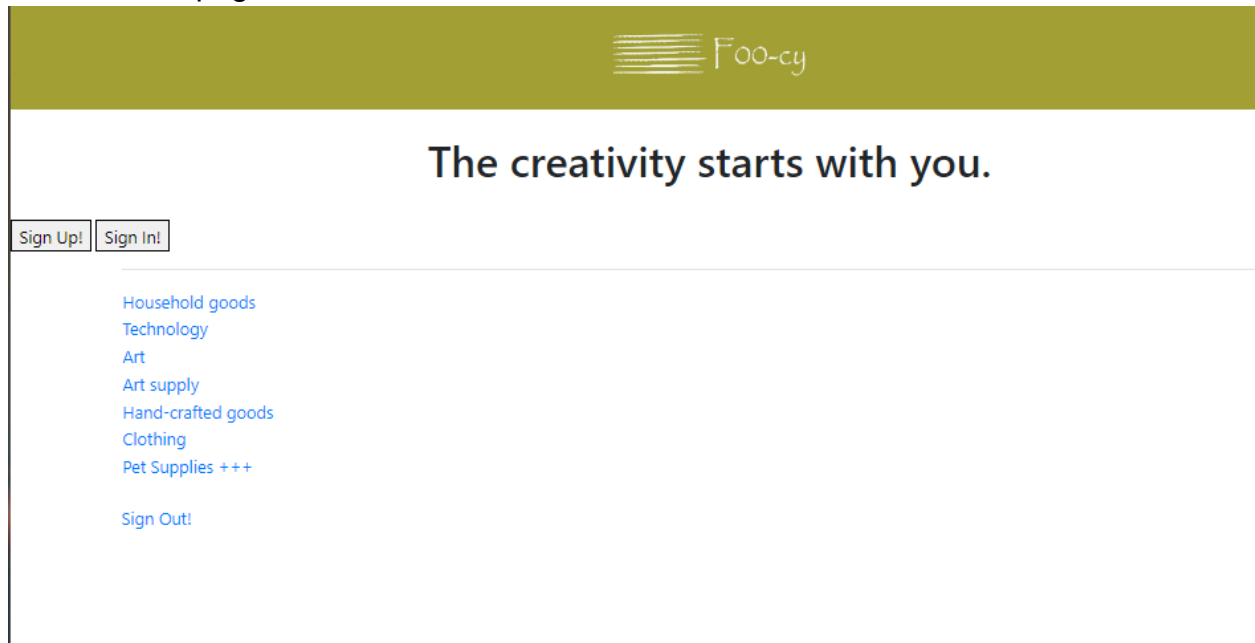


Once the ER diagram was complete and approved, we built the database in MySQL



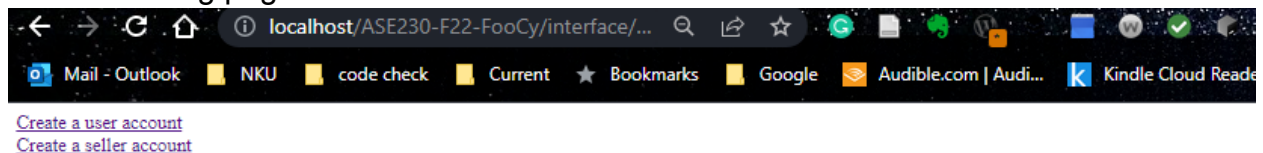
When you open up to our site you are greeted with our home page. On this page you can view all product categories, a prompt to sign in if you already have an account, sign out if you are ready to leave, or sign up if you are not registered.

Front page Screenshot



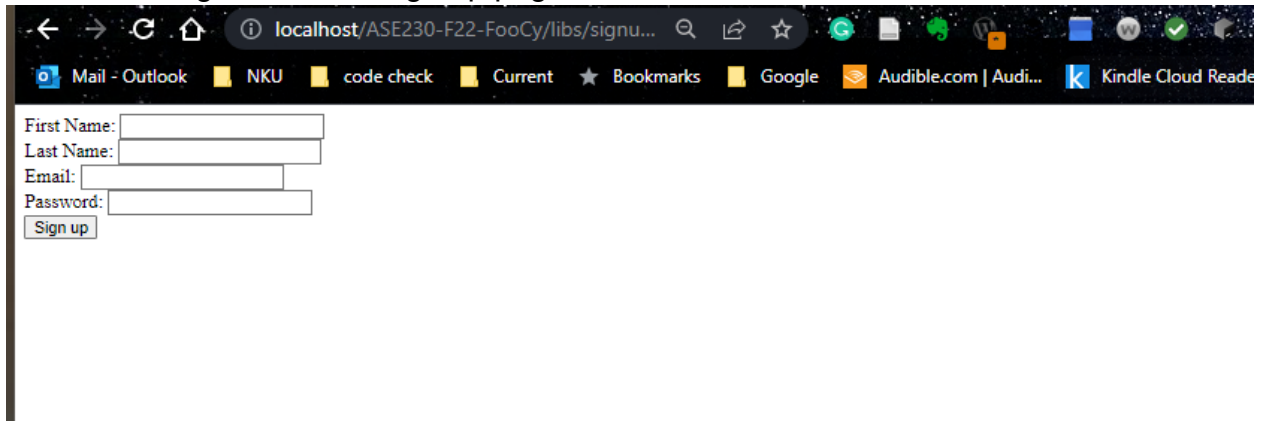
If you are not registered and choose to sign up you are redirected to a landing page where you choose between creating either a user account, for buying products, or a seller account, for creating listings for things you want to sell.

landing page screenshot



Once you choose which type of account you want to create you are given a form to fill out, both requiring the same general information.

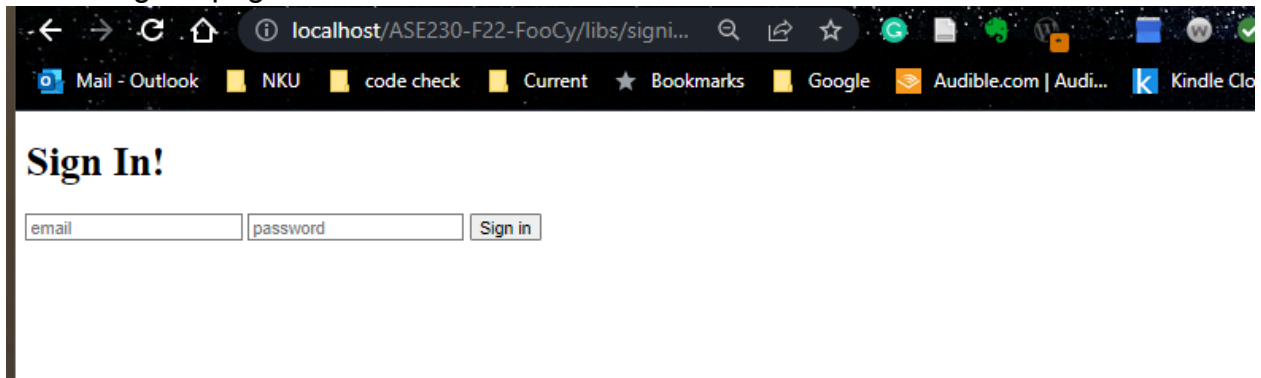
seller/general user sign up page screenshot



A screenshot of a web browser showing a sign-up page. The browser's address bar displays 'localhost/ASE230-F22-FooCy/libs/signu...'. The page contains four input fields: 'First Name:', 'Last Name:', 'Email:', and 'Password:'. Below these fields is a 'Sign up' button. The browser's toolbar shows various icons, including Mail - Outlook, NKU, code check, Current, Bookmarks, Google, Audible.com, and Kindle Cloud Reader.

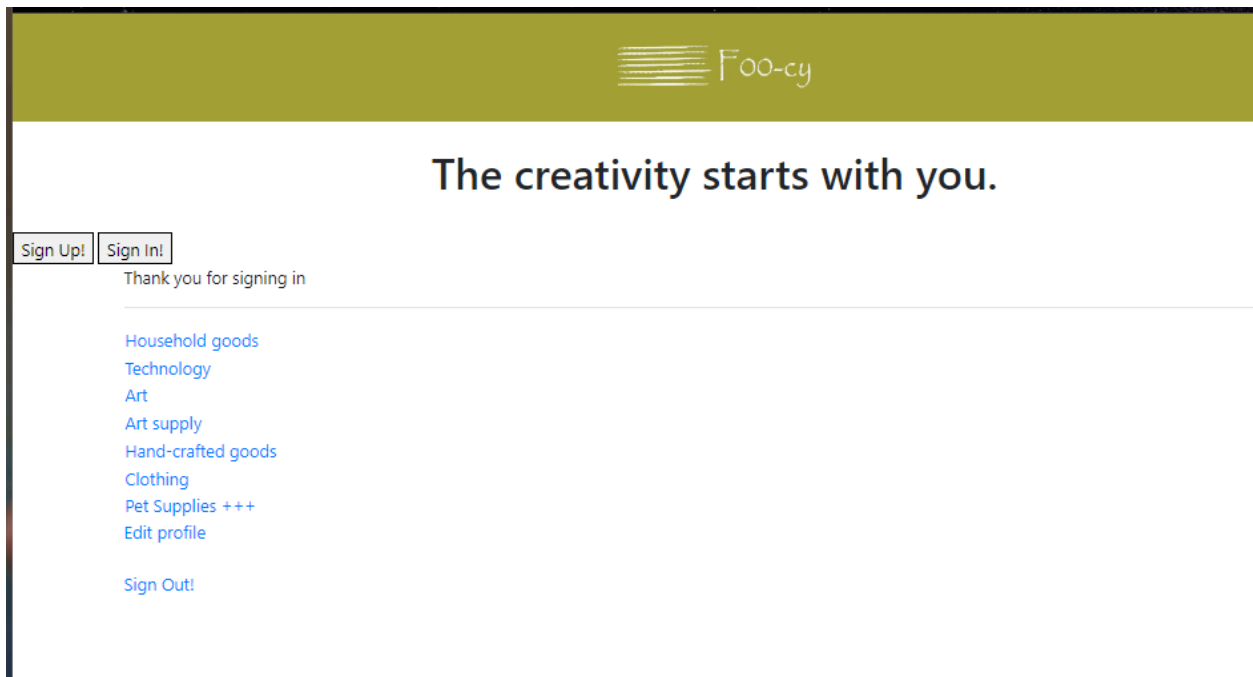
When you have entered your information you are automatically taken to the sign in page where you can enter your credentials to gain access to different parts of our site.

sign in page screenshot



A screenshot of a web browser showing a sign-in page. The browser's address bar displays 'localhost/ASE230-F22-FooCy/libs/signi...'. The page features the heading 'Sign In!' in a large, bold, serif font. Below the heading are two input fields labeled 'email' and 'password', followed by a 'Sign in' button. The browser's toolbar is identical to the one in the previous screenshot.

After you are signed in you are taken back to the main page, but now there are some extra links you can access depending on what role you have chosen.



All registered users are given the option to edit their profile. On the edit profile page users are first asked to enter their address info.

The image is a screenshot of a web browser window. The address bar shows the URL 'localhost/ASE230-F22-FooCy/user/user...'. Below the address bar, there are several bookmarks: 'Mail - Outlook', 'NKU', 'code check', 'Current', 'Bookmarks', and 'Google'. The main content of the page is titled 'Hello Ida' in a large, bold, black font. Below the title, there is a form for entering address information. The form includes labels and input fields for 'House Number:', 'Street:', 'Apartment Number (optional):', 'City:', 'State:', 'Country:', and 'Postal Code:'. Below these fields is a larger text area labeled 'Special Instructions:'. At the bottom left of the form is a 'Submit' button.

Then the user can enter information about their payment method.

**

When the user has entered both their address and their payment method they are met with the Edit Profile dashboard where they can change any/all info about them.

Hello Tami

Here you can update your account info!

Profile:


First Name:

Last Name:

Phone Number:

Profile Picture:

Bio:

Birthday: 

Address:

House Number:

Street:

Apartment Number (optional):

City:

State:

Country:

Postal Code:

Special Instructions:

(*)If the user has created and signed in as a seller they have an extra option to go to the seller dashboard.



The creativity starts with you.

[Sign Up!](#) [Sign In!](#)

Thank you for signing in

[Household goods](#)
[Technology](#)
[Art](#)
[Art supply](#)
[Hand-crafted goods](#)
[Clothing](#)
[Pet Supplies +++](#)
[Seller dashboard](#) ←
[Edit profile](#)

[Sign Out!](#)

On the seller dashboard there are a plethora of options to choose from. Sellers are shown a list of all of their current products for sale, including that product's category, amount of that product on hand, the date the product was added, etc.

Thank you for signing in

[Seller's Home](#) [Enter New Product](#) [Delete Product](#) [Update Product](#) [Public Main](#) [Log off](#)

List of products for SellerOfStuff

Category	Product ID	Product Name	onHand	Cost	Sales Price	Date Added	Image1	Description
Household goods	8	fidget spinner	50	0.0200	2.00	2022-12-07 23:27:01		spins when you want to fidget
Household goods	9	Flippity-flyer	60	0.3000	4.50	2022-12-08 00:02:10		Toss it in the air and it falls with style
Technology	10	microfiber cloths	12	3.5000	12.99	2022-12-08 00:06:22		Set of 10 microfiber cloths. 6" x 8"
Art	12	Great Dane Sculpture	1	550.0000	800.00	2022-12-10 12:01:22		Resin-cast sculpture 9 x 18
Technology	15	Keyboard	64	5.0000	20.99	2022-12-10 13:00:14		Goes clickity-clackity. Removeable keys. WASD and 10-key included
Hand-crafted goods	24	Widdle Hat	3	149.9900	150.00	2022-12-11 22:20:58		A hat for your cat. Crocheted with lurv
Hand-crafted goods	25	Widdle Sweater	15	68.0000	85.00	2022-12-11 22:23:54		This sweater should keep your iguana from falling out of a tree on those freezing desert nights. Crocheted with lurv!

The seller is also able to create new products, update information on specific products, or delete products from the site altogether.

Welcome SellerOfStuff

[Seller's Home](#) [Enter New Product](#) [Delete Product](#) [Update Product](#) [Public Main](#) [Log off](#)

Delete Product

Product: [Select product](#)

Is this is the product you want to delete?

Product numberProduct nameInventory on hand

[Confirm](#)

Welcome SellerOfStuff

[Seller's Home](#) [Enter New Product](#) [Delete Product](#) [Update Product](#) [Public Main](#) [Log off](#)

New Product Form

Category:

Product name:

Quantity available:

Price per item:

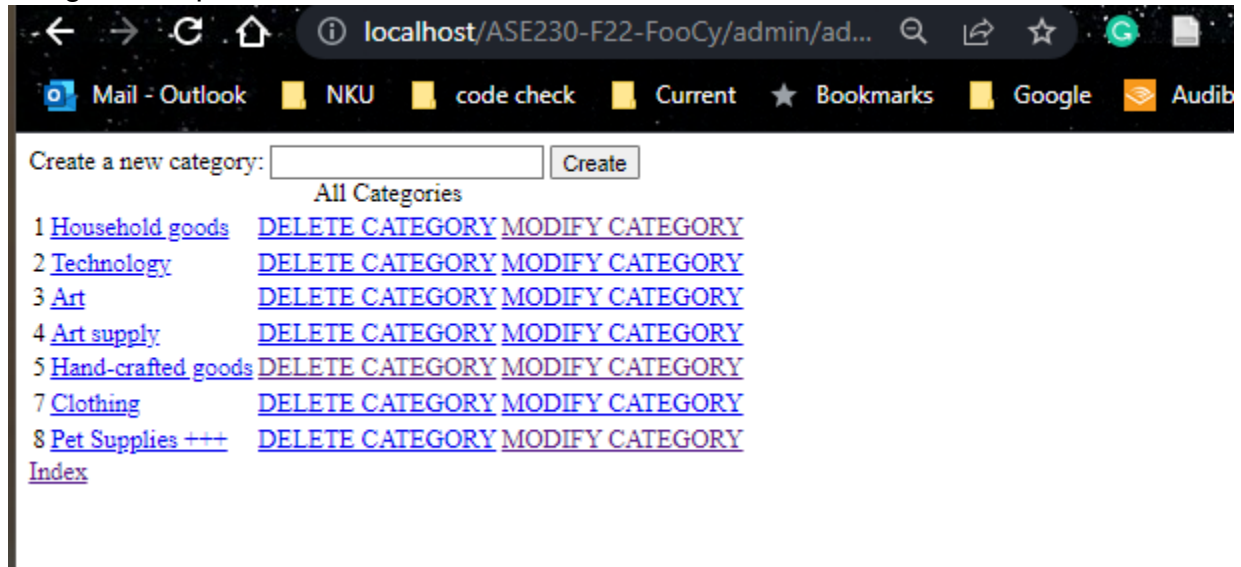
Cost per item:

Product description:

Product image:

[Add product](#)

There is also an admin dashboard for those who would theoretically work on the back end of the site. On this page the admin can view, create, modify, or delete the various categories of products that are sold on the site.



In future work, more features could be added to make this a robust site. Phase 2 of the project could include features we take for granted like a messaging system between buyers and sellers, wishlists, user reviews, and a way to store your favorite shops.