

CS6314.001-Team11-CoffeeShop

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Report on WPL Project: Coffee Shop

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Description

This project aims to implement a Coffee Shop E-commerce portal. A user can buy a particular coffee product and can place an order. The coffee includes the espresso, mocha, Americano, Caffe Latte, etc. The data is taken online from websites about coffee and may or may not be true.

Languages used for implementation:

- Frontend: React JS
- Backend: Node, Express
- Database: MongoDB

Database Design:

I have used 3 collections in MongoDB. The database is hosted on MongoDB cluster so that it can be accessed anywhere.

1. **Items:** This collection has all the items listed on the coffee shop. It has the following document structure:

id	ID of the item auto created by MongoDB
name	Name of the item
description	Description of the item
category	Category of the item
price	Price of the item in integers
units	Units of the item in integers
softDelete	If this is true, then the product is not shown to the non-admin user
img	This property takes in the URL of the product
date	This property store the time when the product was added in the document

2. **Users:** This collection stores all the user who are registered and who can place a order.

id	ID of the user auto generated by User
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name	Name of the user
isAdmin	If this property is true, the user can access other features of the shop like, Add / Delete / Update Product
email	This stores the email used for signing in.
password	Password is stored in the encrypted format.
register_date	This date is the date when the user was created.

3. [Orders](#) : This collection stores the order information of the user

id	ID generated by MongoDB
order	This is an array of objects which have the items and their quantities and the prices
user	This is a object which stores the userId, email and isAdmin details.

Screenshots:

Add new item

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localhost:3000/AddProduct

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Spring2020

Interview Learning

LeetCode-Everyday

Articles - LeetCode

Personal Webpage

Products - TinEye

What is Data Science? ...

What's next for AI? | C...

AI Job Board - AI and ...

Mathematics for Data ...

Coffee Shop

Home

About

Shop

Show Orders

Logout

Shopping Cart

Enter item details:

Item Name

Enter Item name

Description

Enter description

Image URL

Enter Image URL

Category

Espresso

Price

1

Units

1

Add to Database

Admin features, Pagination

Coffee Shop

Home About Shop Show Orders

Logout Shopping Cart 0

All

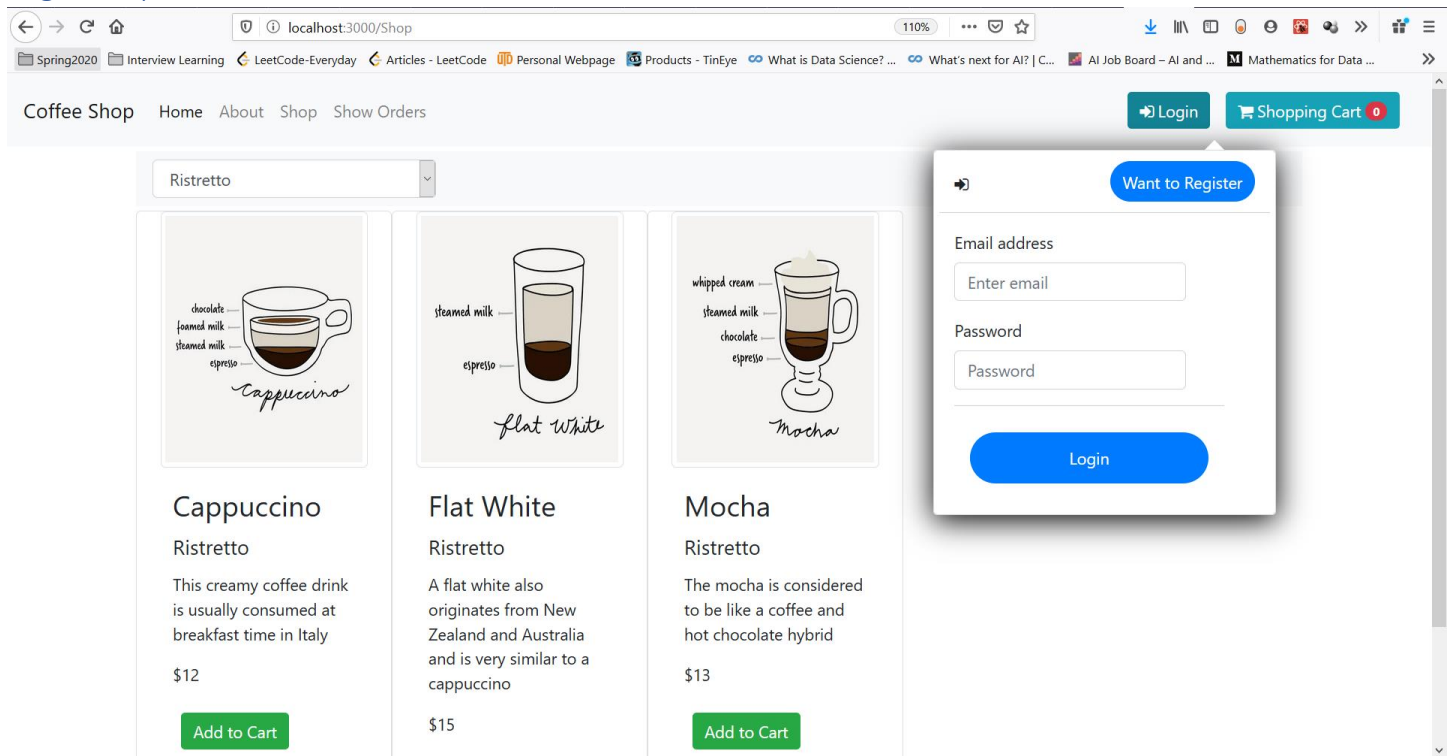
Search

Add new Item

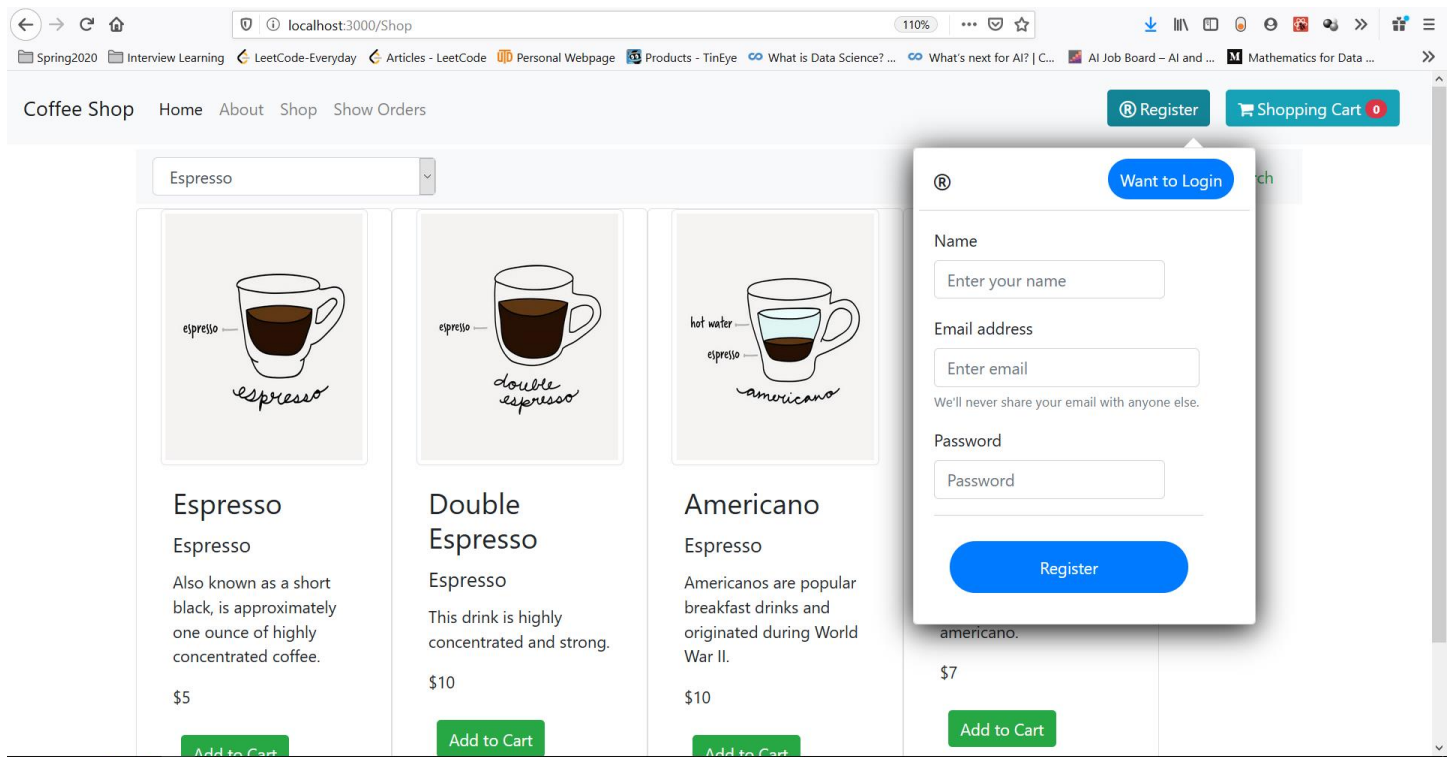
ID	Name	Description	Price	Action
item 1				
item 1	Espresso	item description \$12		Add to Cart (Hard)Delete Update Item
	Iced Coffee	Espresso Iced coffees become very popular in the summer time in the United States. \$8		Add to Cart (Hard)Delete Update Item
	Mocha	Ristretto The mocha is considered to be like a coffee and hot chocolate hybrid \$13		Add to Cart (Hard)Delete Update Item

1 2 3 4 5 Next →

Login Dropdown



Register Dropdown switch



Shopping Cart

The screenshot shows a web browser at `localhost:3000/Shop`. The page has a navigation bar with "Coffee Shop", "Home", "About", "Shop", and "Show Orders". There are "Logout" and "Shopping Cart 6" buttons. The main content area displays three coffee items: "item 1" (Espresso, \$12), "Iced Coffee" (Espresso, \$8), and "Mocha" (Ristretto, \$13). Each item has an "Add to Cart" button. A shopping cart overlay is visible on the right, showing a total amount of \$66 and three items: Mocha (Price: \$13, Quantity: 2), Iced Coffee (Price: \$8, Quantity: 2), and item 1 (Price: \$12, Quantity: 2). A "Place Order" button is at the bottom of the cart.

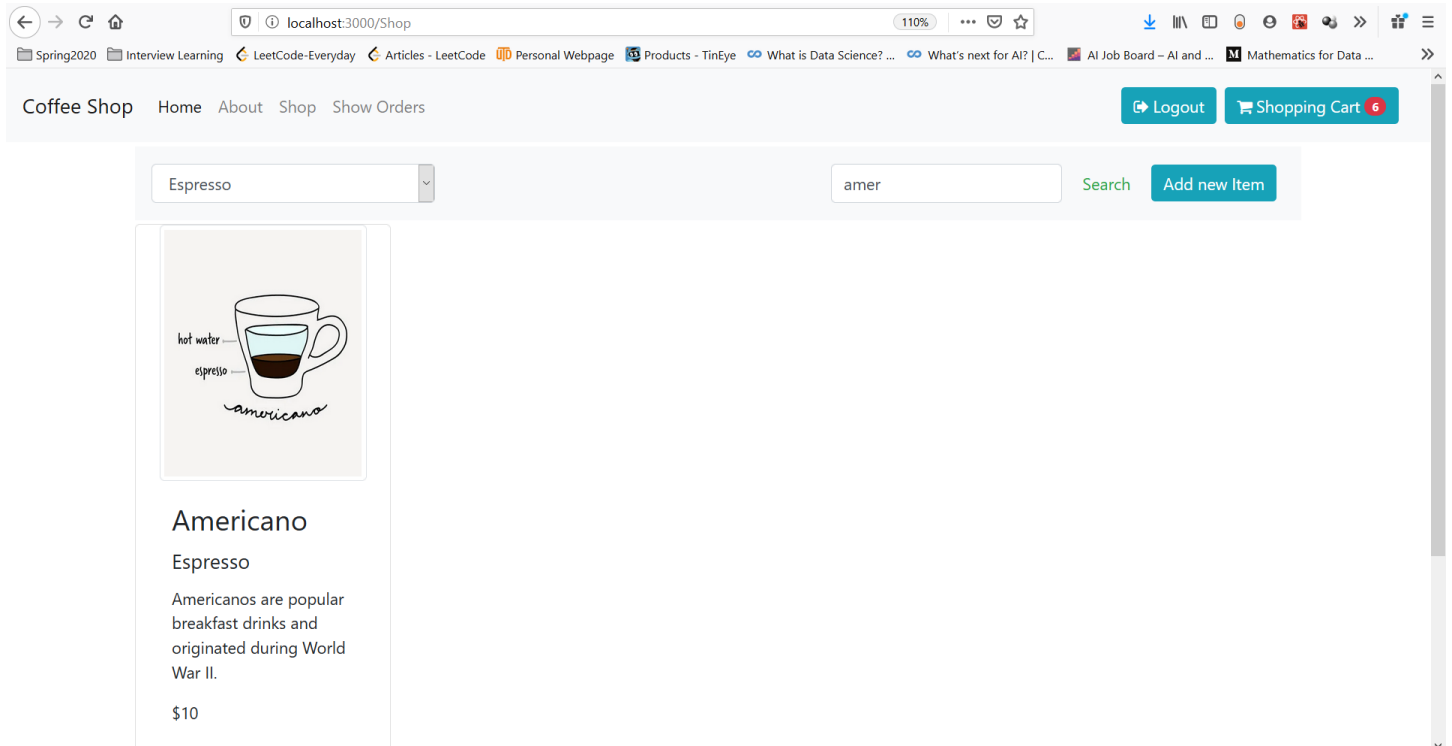
Update item and Soft delete

The screenshot shows a web browser at `localhost:3000/UpdateProduct?id=5eb4d8ba6760833a44e74064`. The page has a navigation bar with "Coffee Shop", "Home", "About", "Shop", and "Show Orders". There are "Logout" and "Shopping Cart 6" buttons. The main content area is titled "Enter item details:" and contains a form with the following fields:

- Item Name: Mocha
- Description: The mocha is considered to be like a coffee and hot chocolate hybrid
- Image URL: `https://cdnimg.webstaurantstore.com/uploads/blog/2019/4/coffee-drinks_mocha.jpg`
- Category: Ristretto
- Price: 13
- Units: 23
- ☐ Soft Delete

A blue "Update Item" button is at the bottom of the form.

Search Category name



Team Members:

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