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CST-247 Mr.Hughes  4/6/21

Activity 3

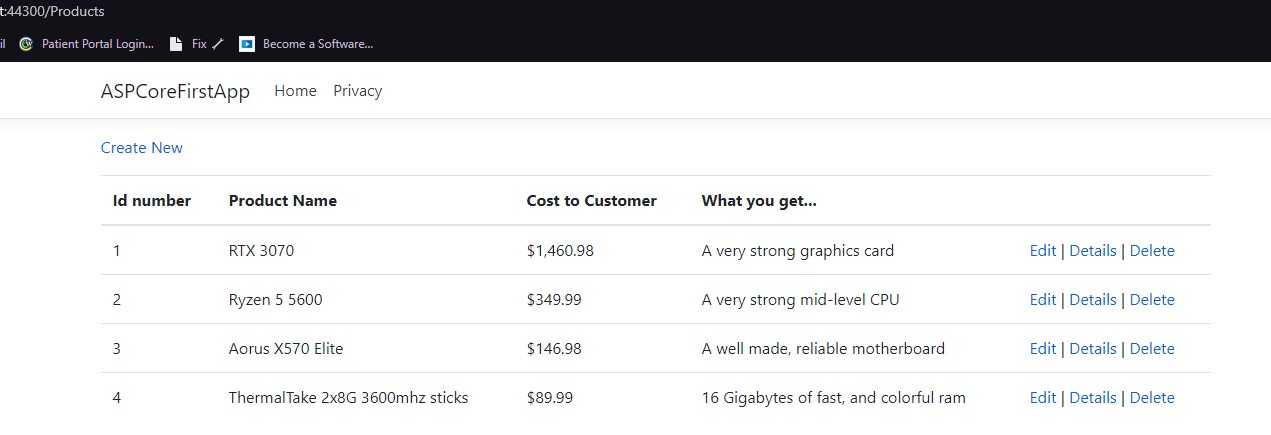
## Step 1.8

Graphical user interface, website

Description automatically generated

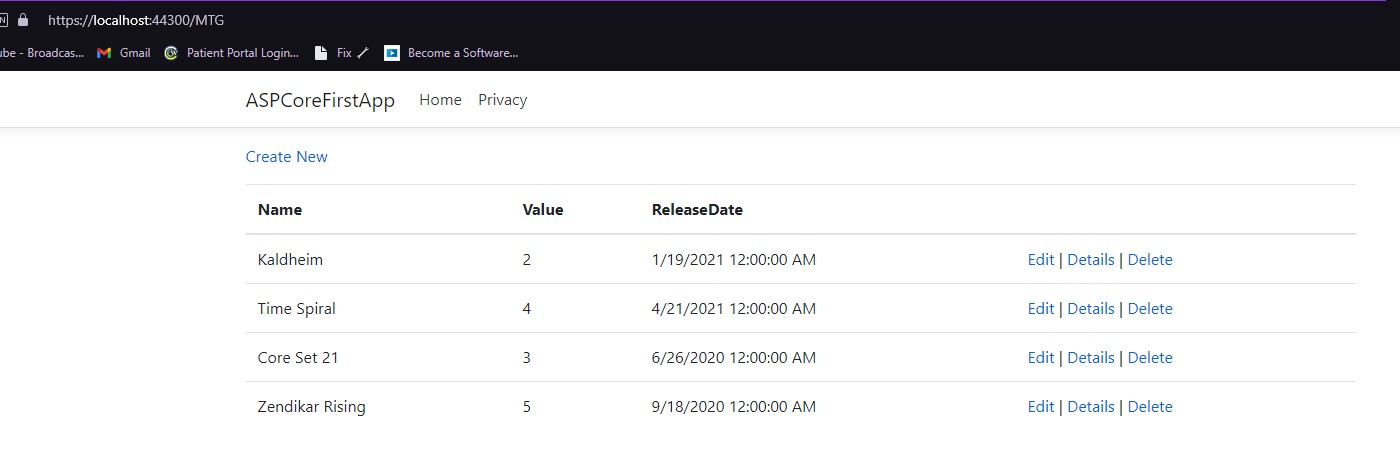
This is showcasing a list of products rendered into a page.

## Step 1.9



This is displaying how the DataType validation tag adds the dollar signs when set to currency.

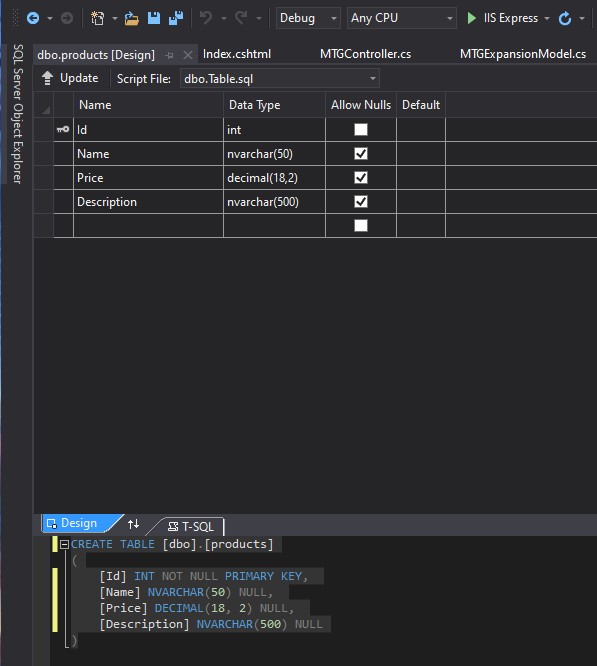
## Coding Challenge step 5



This demonstrates creating my own model (based on the card game Magic: The Gathering), and displaying that in a list, with the date DataType.

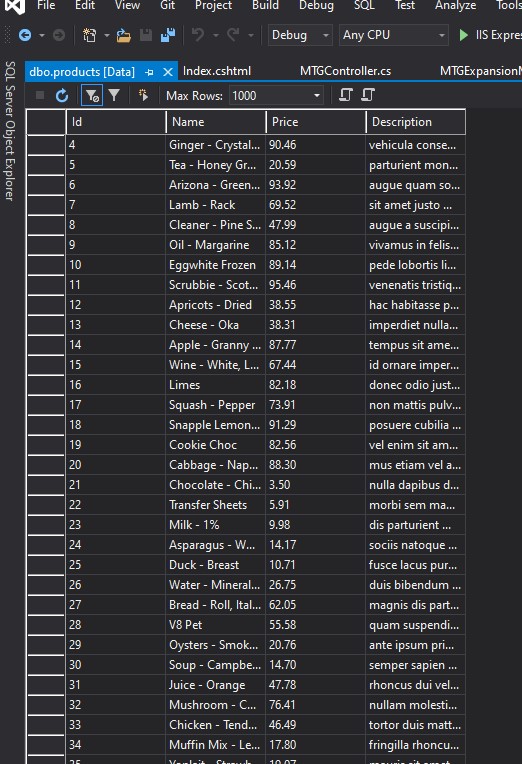
# Database Table for Products

## Step 2



This shows the SQL command of creating the products Table in SQL and the structure of it.

## Step 3



This shows the data placed into the database after running the script generated by mockaroo.

## Step 14

Table

Description automatically generated

This demonstrates using the database to load in data, instead of hard coded information.

## Step 18

Graphical user interface

Description automatically generated

This shows using a GET request for searching wine as the key string in the url bar.

## Step 25

Graphical user interface, text, application

Description automatically generated

This displays the search form created for the purpose of entering a key to search for among the products within the database.

## Step 27

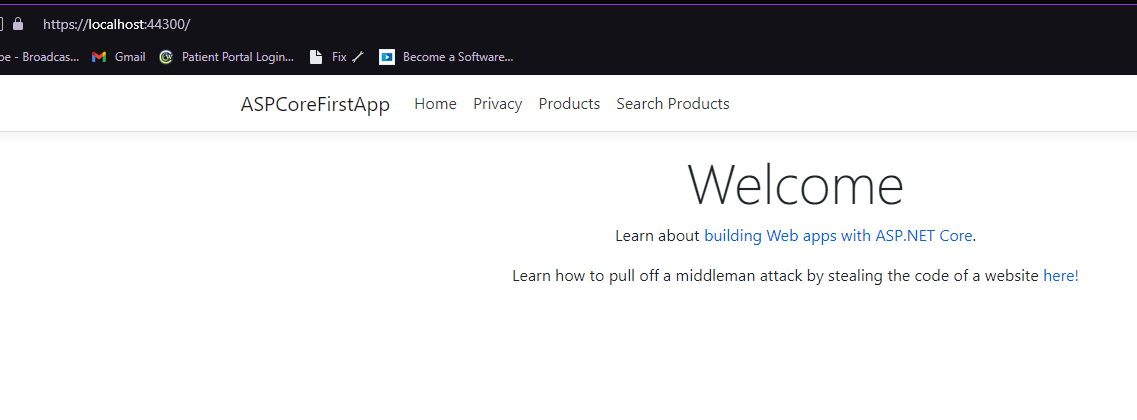
A picture containing text

Description automatically generated

This shows the result of the last form when searching for ‘car’.

# Add Links to the Navbar

## Step 3



This demonstrates adding more links to the navbar.

## Summary of concepts:

The main concepts that were taught in this lesson were implement for loops into a page to iterate through a list of models to display on a page, as well as loading those models from a database. A side concept we learned was using Bogus and Mockaroo for fake data for the sake of testing mass amounts of information. We also reviewed searching through a set of data and returning only what we want with a key, as well as adding more buttons to a navbar that lead to other pages.

# Visual Confirmation of Page Sections

## Step 4

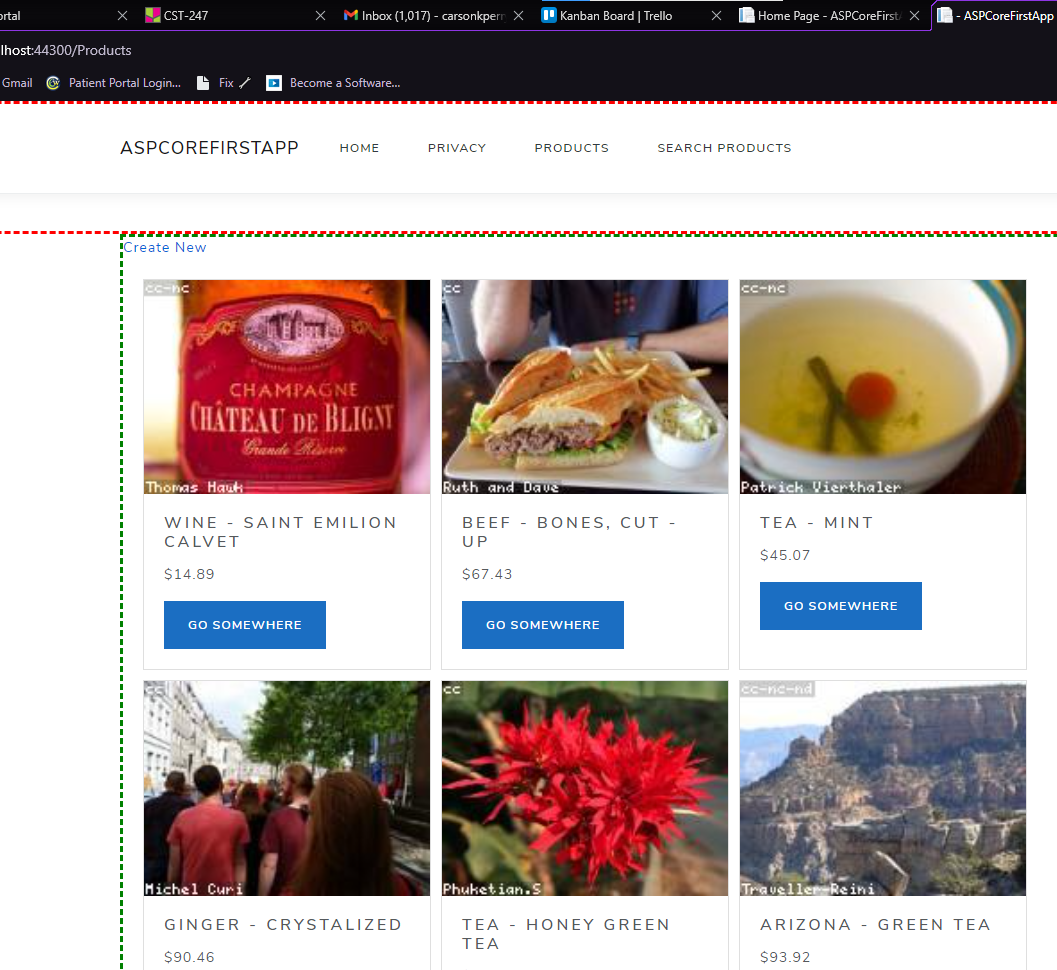
Graphical user interface

Description automatically generated

This demonstrates updating the css and adding a border to the different rendered sections.

# Flexbox Container

## Step 4



This demonstrates using another site to get autoloaded fake images using GET requests with loading model information into the url.

## Summary of Concepts:

In this section, I have demonstrated using layouts, rendering partial pages, changing the default bootstrap theme/changing css, and using flexboxes instead of a table. Flexboxes have a bit more freedom and look much nicer than a table in my opinion. They allow for easily formatted images, a nice looking button as well, and format neatly into the page.

# Part 3 CRUD SQL Operations:

## Summary: