Activity 3 Part 1

Ryan Coon

CST-350

Professor Donna Jackson

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Screenshots:

A screenshot of a computer

Description automatically generated with medium confidence

This screenshot shows our products that we created in our product controller. This view was made with generated code using HTML helpers via Razor.

A screenshot of a computer

Description automatically generated with medium confidence

This screenshot shows how we can change portions of the view through the model using lambda expressions.

A screenshot of a computer

Description automatically generated with medium confidence

This screenshot displays data using a hard coded repository

A screenshot of a computer

Description automatically generated with medium confidence

Here I created the products table in the test database

A screenshot of a computer

Description automatically generated

Here is our product list after connecting it to pull items from the database.

A screenshot of a computer

Description automatically generated with medium confidence

Here we implemented a search function to eventually take terms from a search bar. At this point we force search through the URL path.

A screenshot of a computer

Description automatically generated with medium confidence

Here we created a new view SearchForm for the user to initiate a search through the products listed in the database.

A screenshot of a computer

Description automatically generated with medium confidence

Here we tested the SearchForm to make sure it produced the SearchResults after we entered. Here we searched the keywork “Paper”.

A screenshot of a computer

Description automatically generated with medium confidence

Here we added two more list items to add the products and search products buttons to the nav bar. We connected these to their perspective views.

Summary of Key Concepts:

In this part of the activity we learned some simple Razor syntax to use within our views to add and edit a search bar and multiple nav bar buttons. We also learned how to create a repository from code on GitHub and also a hard coded repository before connecting our app to a new table within our test database. We learned that we can use Mockaroo to generate multiple of Sql query items to fill our database for testing. This makes it super easy to fill our database with random items, prices, and descriptions. We then Learned how to use the Search query in our controller to search keywords inputted from the user through the entire database and display the items onto our razor forms to show in the view.