Johann Innocent

04-24-2024

CST-350 ACT 2 ASP.NET CORE

Bradley Mauger

In this part of our project, I made significant strides by introducing a new view for users to edit product information. Adding functional edit and delete buttons on the product screen brings our application a tangible sense of interactivity.

I took the time to demonstrate the effectiveness of the delete button, showcasing its ability to remove selected items entirely from the database. This serves as a concrete illustration of our successful implementation of the delete functionality.

The core concepts I focused on in this activity include:

1. **CRUD Operations Mastery:**
   * I delved into the essence of CRUD operations—creating, reading, updating, and deleting data within our application. This foundational knowledge is crucial for effective data management.
2. **Enhancing the Data Access Object (DAO):**
   * I expanded the capabilities of our DAO to retrieve detailed product information. This enhancement ensures a comprehensive display of data on the user interface.
3. **Implementation of Edit Form:**
   * A significant achievement was the successful implementation of an edit form in the controller. This empowers users to submit edits to product information. However, I noted the importance of securing this functionality, possibly by restricting access to admin or owner roles to prevent unauthorized edits.
4. **Security Considerations:**
   * Recognizing the critical aspect of security, I contemplated the necessity of restricting access to the edit functionality. This is crucial to ensure that only authorized users, such as administrators or owners, can modify product details.
5. **User Interface Enhancements:**
   * To elevate the user experience, I strategically placed show details and edit buttons on the product card. These buttons seamlessly link to their respective pages, providing users with a smooth and intuitive navigation experience.

As I move forward, maintaining a delicate balance between functionality and security remains a priority. It's crucial to refine these features and proactively address any potential security concerns to ensure our application meets user expectations and upholds data integrity.

|  |  |
| --- | --- |
| A screenshot of a computer  Description automatically generated | A screenshot of a computer  Description automatically generated |
|  |  |
| A screenshot of a computer  Description automatically generated | A screenshot of a website  Description automatically generated |
|  |  |

<https://localhos7230/Login/Index>

https://localhost:7230/Login/ProcessLogin

<https://localhost:7230/Home/Privacy>

<https://localhost:7230/Products/SearchForm>

https://localhost:7230/Products/ShowEditForm

ASPCoreFirstApp