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CS 3870  
Assignment 2

For our website, we re-implemented the ASP.NET project as a ASP.NET MVC project. This allowed for us to then add Controllers (MainController,cs), Views (All webpages and a layout page), and Models (Store.cs) to fully implement an MVC project.

Next, we added a database using object data specified in a method in MainController.cs. This method stores the objects in a list, where then other methods use the list to display(select, read) the data in a table in Store.cshtml when the store is opened. From there, the table has options to create new products, edit current products, and then delete products. This implements CRUD fully for the object data, however since it uses object data, the program must remain ran to keep the changes otherwise it will revert. This is intended, as there are no security measures for use with a full SQL database.

Finally, we used a different project to implement an AJAX solution to retrieve the quantity available of a product. When the product ID of a product is submitted, a partial view will dynamically appear with updated information from an object store based on the quantity of the product left.