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**Introduction**

This project I am working on is a website for a company who sells clothes. It is a simplistic, but clean looking website. It consists of these technologies: NET Core backend, Entity framework, and Angular front-end.

**Purpose**

The purpose of this is a simplistic website for a business owner in the clothing industry. This pretty much lets you easily work with the clothing items, consisting ofmany properties.

**Feature List**

Starting off with data representation we haveData/ ClothingItem.cs, in this class we have properties like Id,Name, Description, Price, Size, and Color. These properties represent the items in the database consisting of its properties.

In the class Controllers/AppDbContext.cs consist of a connection to a SQL server, and it also provides access to the ClothingItems table.This class uses Entity Framework Core to query and manage clothing items.

In the class Controllers/ClothingItemsController.cs it implements the API to perform CRUD operations on the items listed in the database.

In the class appsetting.json provides connection to a SQL server using ConnectionStrings.

In the class Program.cs this class configures the AppDbContext using .NET Core’s Dependency framework.

For error handling and successful operations we have ClothingItemsController.cs. Where we have status codes like 200OK, 201CREATED, 204NOCONTENT, and 404NOTFOUND.

**Conclusion**

In conclusion this website provides a robust scalable solution for managating data. Features like asynchronous programming, dependency injection, and error handling will ensure good performance.