

Project

ISCTE UpSkill C# - M3

Context:

Improve software development skills in information systems' design and implementation by incrementally building a solution to a client's demand.

Objectives:

1. Implement a prototype of systems' capabilities;

Results:

1. Standalone C# application;
2. C# application with database connectivity;
3. ASP .NET Core application;
4. ASP .NET Core API;

Problem description:

A company named StarterStore has expanded its food sales business and needs an information system to manage the products which are in stock in each of its twenty-five stores. Those stores are organised in regions, which are further organised in territories. Also, StarterStore has employees that belong to a territory and are responsible for orders created by customers. Those orders are delivered by shippers. Suppliers supply products that are then associated with orders when a customer decides to buy an item.

A product has a name and a unit price. An employee has a name, a title, a title of courtesy, a birth date, an address (address, city, region, postal code, and country), a home phone, and, optionally, a photo. A customer has a name, a title, an address (address, city, region, postal code, and country), a home phone, and, also, a fax.

Further information can be obtained while developing the solution, via email.