## .NET Programming Exam

To successfully take this exam you must have the following on your computer:

- \*Visual Studio
- \* SQLServer. SQL Express or the one that comes installed with Visual Studio is enough.
- \* The database on which the exam is going to be carried out is the example Northwind database with
- \* <a href="https://github.com/Microsoft/sql-server-samples/tree/master/samples/">https://github.com/Microsoft/sql-server-samples/tree/master/samples/</a> databases/northwind-pubs

## **Northwind Case**

The Northwind company wants to implement a contact center to call its customers by phone and confirm the orders they have registered.

There are the following tables:

- Customers
- Orders
- Order details
- Product

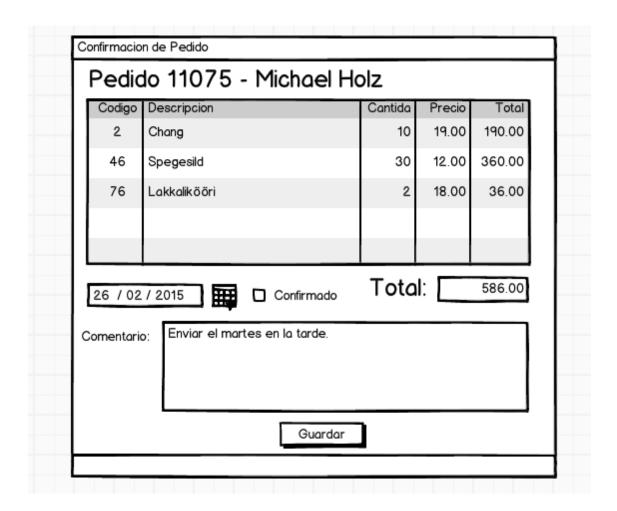
You can modify the tables to add the fields that you consider necessary.

Build a solution in mvc .net framework or .net core, which does the following:

1) A screen showing orders pending confirmation, ordered from the most recent to the oldest.

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- 2) When accessing one of the orders, the detail of that order will be opened, where the contact center operator will be able to record the following information:
- Confirmation date
- Confirmed or not confirmed
- Comments
- The other fields are for information only.



## **MUST BE DELIVERED**

- \* The solution
- \* Folder with published
- \* Changes only script
- \* Instructions to deploy the solution in IIS+SQL. (It is not requested to be deployed in cloud)
- \* Indicate which version of SQL and Visual Studio you used. It will be evaluated in order of importance:
- \* Functionality implemented
- \* Architecture used, readability and future maintainability of source code
- \* Design
- \* Deployment