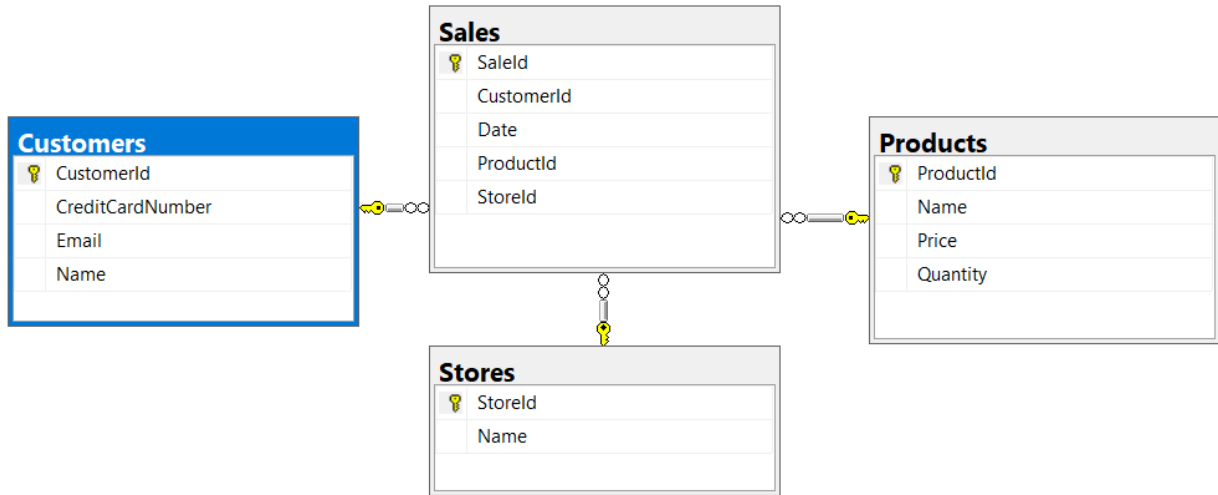


Exercise: Entity Framework Core

This document defines the **exercise assignments** for the entity framework core 01.

• Sales Database

Create a database for storing data about sales using the Code First approach. The database should look like this:



Constraints, Using Fluent API

Your **namespaces** should be:

- **P01_SalesDatabase** – Project Name
- **Data** – (New folder named Data) for your DbContext
- **Models** – (New folder named Models) for your classes

Your **classes** should be:

- **ApplicationDbContext** – your DbContext
- **Product**:
 - ProductId
 - Name (up to 50 characters, unicode)

- Quantity (real number)
- Price
- Sales
- **Customer:**
 - CustomerId
 - Name (up to 100 characters, unicode)
 - Email (up to 80 characters, not unicode)
 - CcreditCardNumber (string)
 - Sales
- **Store:**
 - StoreId
 - Name (up to 80 characters, unicode)
 - Sales
- **Sale:**
 - SaleId
 - Product
 - Customer
 - Store

• Migration

Add new migration. The migration should be named: "**InitialCreate**" and run the project.

• Products Migration

For table **Products** add string column **Description**, The migration should be named: "**ProductsAddColumnDescription**".

• Sales Migration

For table **Sales** Add **Date** column, Name the migration "**SalesAddDateDefault**".

- **Upload Projects**

Use GitHub to upload your project.