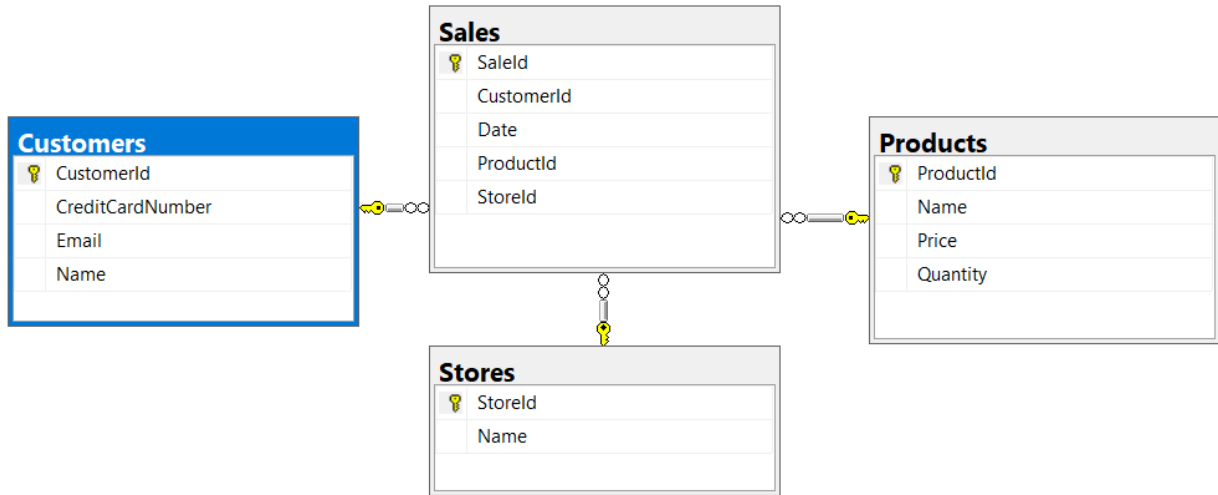# Exercise: Entity Framework Core

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)

  - CreaditCardNumber (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.