Customer Product Delivery System
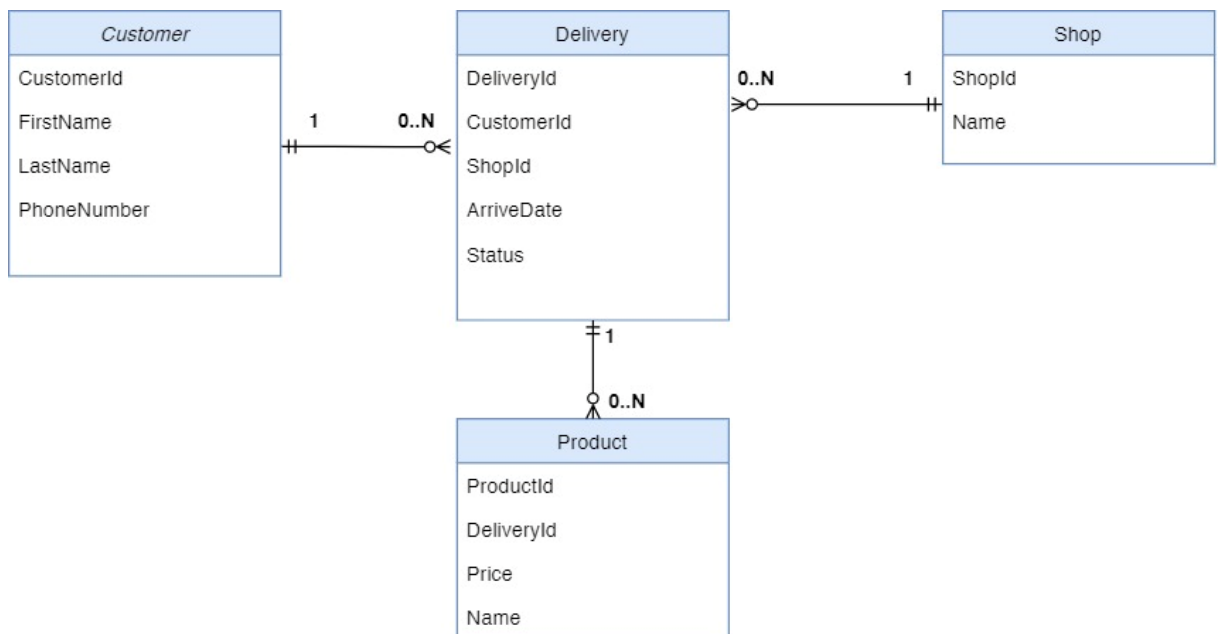
Analyze Document

1821221005 Furkan Gündoğan

1- Technology

- **DeliveryAPI Project:** ASP.NET Core Web API + Database SQL Server
- **Delivery Consumer Project**: ASP Core Razor + TagHelper

2- Data Model and Business Rules

Delivery: It is used to indicate deliveries in the system. It has arrival date and status information. To be created, it must be related with a customer and a market. There can be zero or many products in a delivery. When we delete a delivery, we also delete the products in it.

Customer: It is used to indicate customers in the system. Customers have first name, last name and phone number informations. Customers can have zero or many deliveries. If the customer owns a delivery, it cannot be deleted.

Shop: It is used to specify the stores in the system. Stores have name information. A store can be related with many deliveries. Or it may not be related with any delivery. If a shop related with a delivery, it can not be deleted.

Product: It is used to specify the products in the deliveries. Products have price and name information. A product can be related only one delivery. If related delivery deleted, all products of the delivery will be deleted too.