Modeling Data

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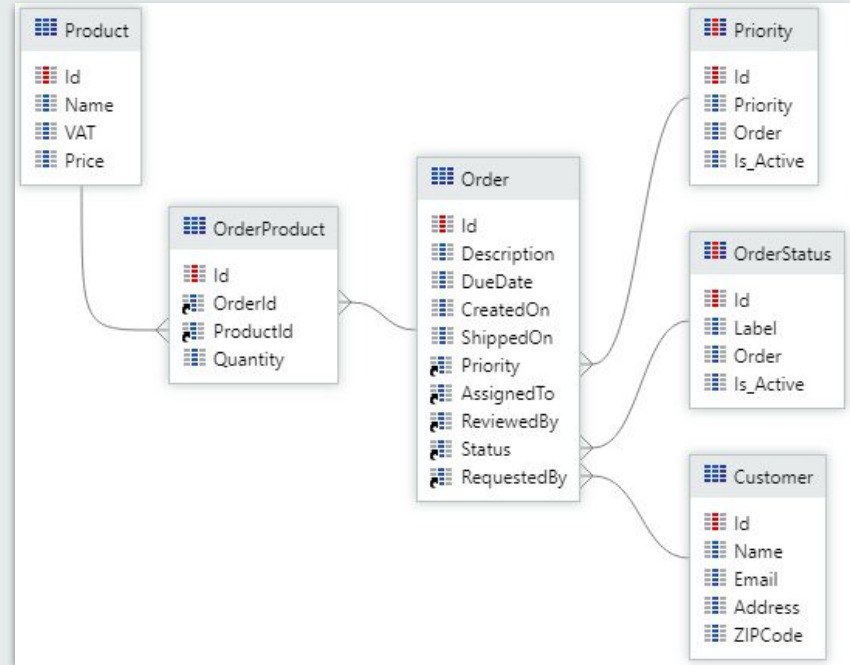
Modeling Data in OutSystems

Example Data Model

Entity to Database Mapping

Modeling Data for an App

- Applications contain information that has value for the business
  - This information typically needs to be stored and retrieved

- The application's information or data represents various business concepts

- In OutSystems, those concepts are modeled and referred to as **Entities**
  - **Database Entities** hold data that can be stored in and retrieved from the database

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Example Data Model

- Shopping App
  - Customers, Orders, Products
  - Priority, OrderStatus

- **Entities** are defined and created in the development environment
  - Attributes
  - Relationships

- OutSystems creates the required **database table**

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Entity to Database Mapping

OutSystems Entity	Database Table
Attributes (Data types)	► **Columns** Data types (database)
Id (Identifier attributes)	► **Primary Key**
Reference Attribute	► **Foreign Key**
Index	► **Index**
Record or Instance	► **Row or Tuple**

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Questions?

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Thank you

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