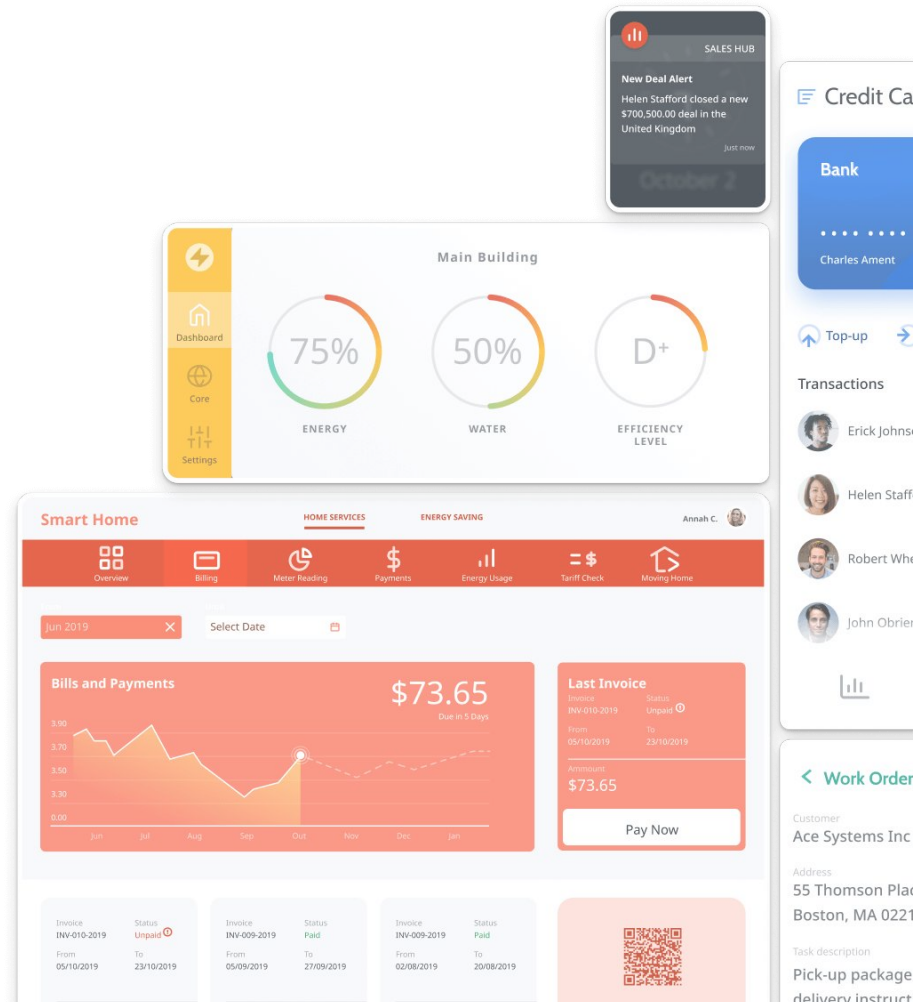


Modeling Data

Reactive Developer Boot Camp



What you will learn here

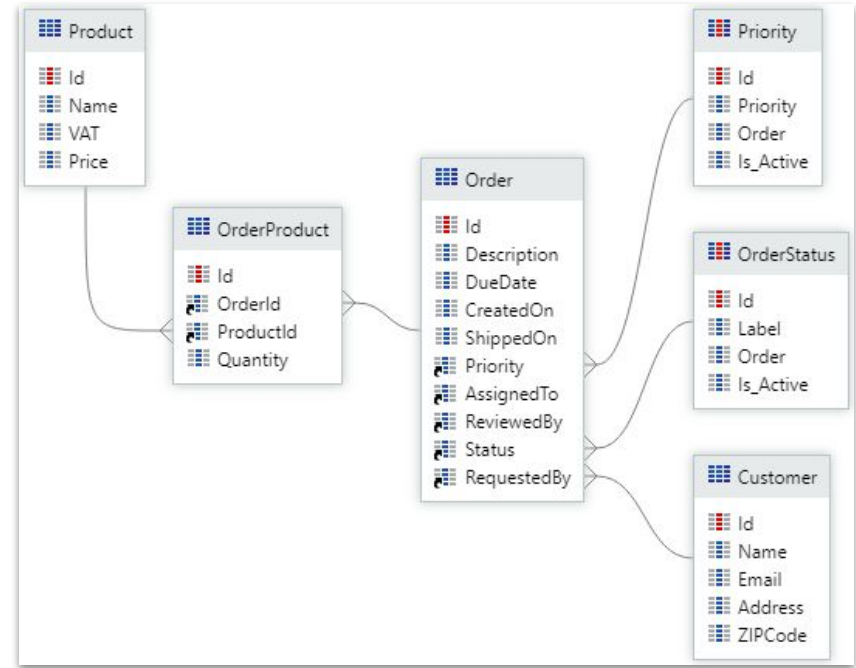
- Modeling Data in OutSystems
- Example Data Model
- Entity to Database Mapping

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

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**



Entity to Database Mapping

OutSystems Entity

Attributes (Data types)

Id (Identifier attributes)

Reference Attribute

Index

Record or Instance

Database Table

Columns Data types (database)

Primary Key

Foreign Key

Index

Row or Tuple

Questions?



Thank You!

