

AppDbContext – Detailed Entity Documentation

tProduct

Stores product master data including pricing, identifiers, category and relationships to supplier and manufacturer.

| Column | Type / Description |
|-----------------|------------------------------------|
| kProductId | Primary key (int) |
| sName | Product name (string) |
| sSKU | Stock Keeping Unit (string) |
| dNetprice | Net price (decimal) |
| CategoryId | Foreign key to tProductCategory |
| kSupplierId | Foreign key to tSupplier |
| kManufacturerId | Foreign key to tManufacturer |
| kVatType | Foreign key to tVatType (tax rate) |
| kConditionId | Foreign key to tCondition |

tCustomer

Stores customer personal data and group assignments.

| Column | Type / Description |
|------------------|--------------------------------|
| kCustomerId | Primary key (int) |
| sFirstName | Customer's first name (string) |
| sLastName | Customer's last name (string) |
| sEmail | Email address (string) |
| kCustomerGroupId | Foreign key to tCustomerGroup |
| dBirthDate | Date of birth (timestamp) |

tOrder

Stores customer orders, linked to customers and payment methods.

| Column | Type / Description |
|------------------|-------------------------------|
| kOrderId | Primary key (int) |
| sOrderNumber | Order number (string) |
| kCustomerId | Foreign key to tCustomer |
| kPaymentMethodId | Foreign key to tPaymentMethod |
| dCreationTime | Order creation timestamp |
| dShippingTime | Expected shipping timestamp |

tProductCategory

Defines product categories with optional self-referencing upper category.

| Column | Type / Description |
|--------------------|--|
| kProductCategoryId | Primary key (int) |
| sName | Category name |
| kUpperCategoryId | Nullable foreign key to parent category (self-reference) |

tEbayAccount

Stores eBay marketplace credentials and sync timestamps.

| Column | Type / Description |
|----------------------------|---------------------------------|
| Id | Primary key (int) |
| MarketplaceConfigurationId | FK to tMarketplaceConfiguration |
| TokenExpiry | Token expiration timestamp |
| LastSyncOrders | Last time orders were synced |
| LastSyncProducts | Last time products were synced |
| LastSyncShipments | Last time shipments were synced |