FURNITURE FACTORY

A Telerik Academy

Database course project

Team Titanium

Final overview

DATABASE TABLES

TABLE NAME	DESCRIPTION
ORDERS	A table that describes the different orders in the factory.
MATERIALS	A table that describes the different raw materials, accessories and fittings used in production.
PRODUCTS_PER_ORDER	A relation table between Orders and Products.
MATERIALS_PER_PRODUCT	A relation table between Materials and Products.
PRODUCTS	A table for all the products that we offer.
CLIENTS	A table that stores data about our clients.

ORDERS

TABLE DETAILS		
OrderId	Table primary key.	Integer type – auto-increment.
ClientId	Foreign key – Clients table.	Integer type – auto-increment.
ReceivedDate	Order received date.	Date type column.
DueDate	Order shipment date.	Date type column.
Status	Current order status (pending, inProduction, ready, readyForShipment, shipped).	Varchar(20)
Comment	Additional info on the order.	Varchar(50)

MATERIALS

TABLE DETAILS		
MaterialId	Table primary key.	Integer type – auto-increment.
Name	Material name.	Varchar(50)

PRODUCTS PER ORDER

TABLE DETAILS			
OrderId	Foreign key – Orders table.	**PRIMARY KEY**	Integer type – auto-increment.
ProductId	Foreign key – Products table.		Integer type – auto-increment.
Quantity	Product quantity per given order.		Integer type.

MATERIALS PER PRODUCT

TABLE DETAILS			
MaterialId	Foreign key – Material table.	**PRIMARY KEY**	Integer type – auto-increment.
ProductId	Foreign key – Products table.		Integer type – auto-increment.
Quantity	Material quantity per given product.		Integer type.

PRODUCTS

TABLE DETAILS		
ProductId	Table primary key.	Integer type – auto-increment.
Name	Product name.	Varchar(50).
Price	The product price.	Float/Decimal type?

CLIENTS

TABLE DETAILS		
ClientId	Table primary key.	Integer type – auto-increment.
Name	Client name.	Varchar(50).
Address	Client address.	Varchar(100).
Mobile	Client mobile.	Varchar(50).
E-mail	Client e-mail.	Varchar(50).
Contact	Client contact person.	Varchar(50).