

Database schema D0018E Group 2 Documentation

Link to schema: <https://app.quickdatabasediagrams.com/#/d/5ekn3G>

Size of 255 set arbitrarily on many nvarchar, change later

Customer

Field	Description	Type	Default	Other
customer_id		int		PK
name		nvarchar(255)		INDEX
email		nvarchar(255)		UNIQUE
address	https://stackoverflow.com/questions/10375329/what-is-the-best-column-type-for-email-address	nvarchar(255)		
postcode		varchar(10)		
city	https://stackoverflow.com/questions/10375329/what-is-the-best-column-type-for-a-united-states-zip-code	nvarchar(255)		

Manager

Field	Description	Type	Default	Other
manager_id		int		PK
is_admin		bool		
name		nvarchar(255)		INDEX
email	https://stackoverflow.com/questions/10375329/what-is-the-best-column-type-for-email-address	nvarchar(255)		UNIQUE

Order

Field	Description	Type	Default	Other
order_id		int		PK
customer_id		int		FK, INDEX
total_amount		decimal(10,2)		
order_status_id		int		FK

OrderLine

Field	Description	Type	Default	Other
orderline_id		int		PK
order_id		int		FK
product_id		int		FK
quantity		int		

Product

Field	Description	Type	Default	Other
product_id		int		PK
name		nvarchar(255)		UNIQUE
description		nvarchar(255)		
price		decimal(8,2)		
image_path		varchar(255)		
in_stock		int		

OrderStatus

Lookup table

Field	Description	Type	Default	Other
order_status_id		int		PK
name	InCart, Waiting, Confirmed, Picked, Sent, Delivered, Cancelled	nvarchar(255)		UNIQUE

Review

Field	Description	Type	Default	Other
customer_id		int		PK, FK
product_id		int		PK, FK
rating		int		
review_text		nvarchar(255)		NULLABLE
review_date		datetime		
review_header		nvarchar(255)		NULLABLE

CustomerPasswords

Field	Description	Type	Default	Other
customer_id		int		PK, FK
hashed_password	https://stackoverflow.com/questions/29535683/sql-column-type-length-should-i-use-for-storing-a-bcrypt-hashed-password-in-a-d	binary(60)		

ManagerPasswords

Field	Description	Type	Default	Other
manager_id		int		PK, FK
hashed_password	https://stackoverflow.com/questions/29535683/sql-column-type-length-should-i-use-for-storing-a-bcrypt-hashed-password-in-a-d	binary(60)		