ERD and Database design V1.1.

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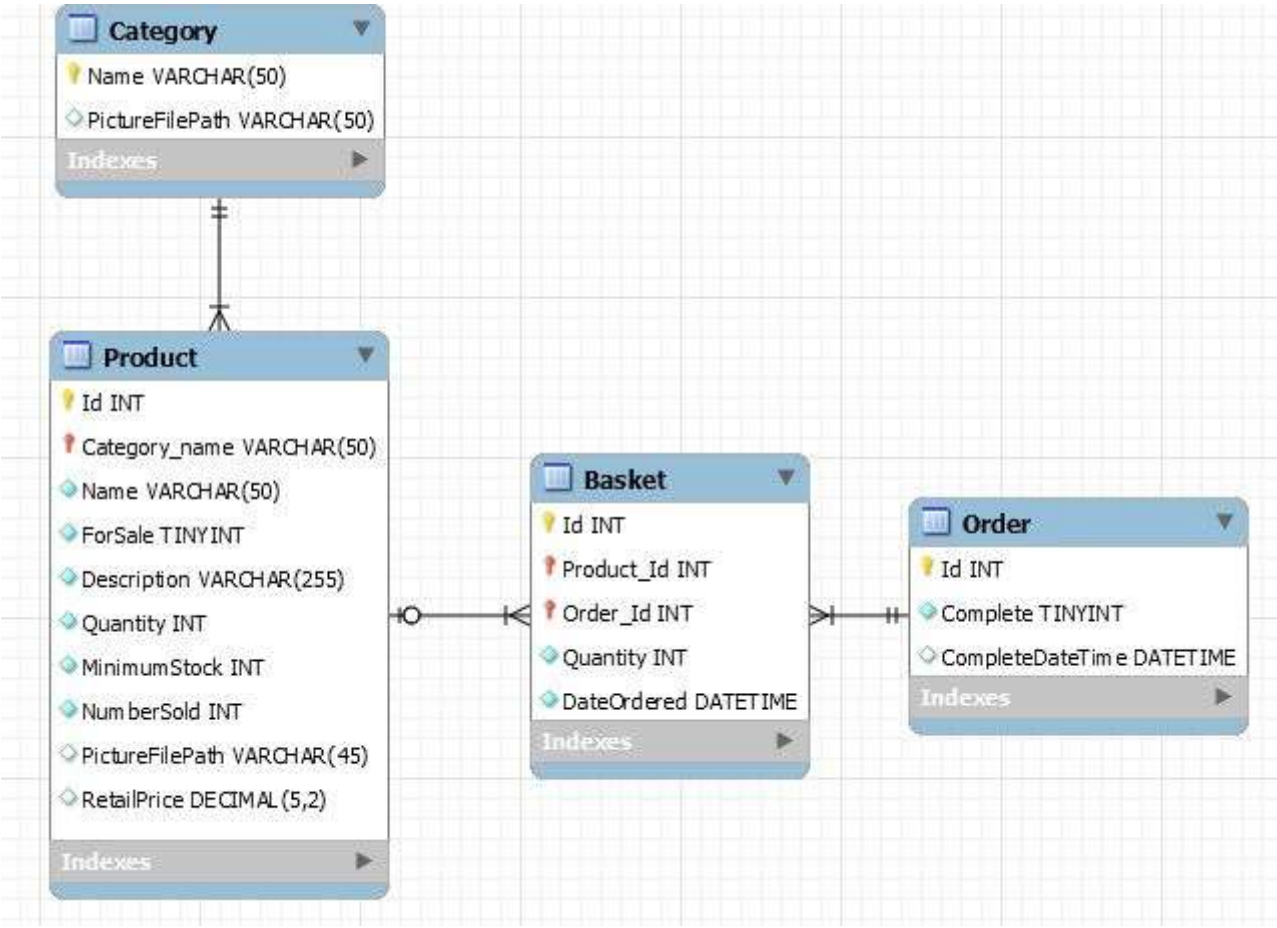
ERD


Category
Name VARCHAR(50)
PictureFilePath VARCHAR(50)
Indexes
Product
Id INT
Category_name VARCHAR(50)
Name VARCHAR(50)
ForSale TINYINT
Description VARCHAR(255)
Quantity INT
MinimumStock INT
NumberSold INT
PictureFilePath VARCHAR(45)
RetailPrice DECIMAL(5,2)
Indexes
Basket
Id INT
Product_Id INT
Order_Id INT
Quantity INT
DateOrdered DATETIME
Indexes
Order
Id INT
Complete TINYINT
CompleteDateTime DATETIME
Indexes

Data Dictionary

Table Product

P/F Key	Field Name	Data Type	Field Size	Description	Call be Null	Notes
P	Id	Int		Unique Identifier	False	Unique
F	Category_Name	Varchar	50	Unique Identifier for the Category Table	False	
	Name	Varchar	50	Name of product	False	Unique
	ForSale	TinyInt	1	Boolean is or is not currently for sale	False	Default to 0 – not for sale
	Description	Varchar	255	Text to describe product to customer	False	
	Quantity	Int		Number of product in stock	False	Default to 0
	MinimumStock	Int		Minimum amount of stock before product appears on Admin to be ordered list	False	Default to 100
	NumberSold	Int		Count of sold	False	Default 0
	PictureFilePath	Varchar	50	String of file path to picture of product	True	
	RetailPrice	currency		Cost to customer	true	

Table Category

P/F Key	Field Name	Data Type	Field Size	Description	Call be Null	Notes
P	Name	varchar	50	Name of category	false	
	PictureFilePath	Varchar	50	String of file path to picture of product	True	

Table Basket

P/F	Field Name	Data	Field	Description	Call	Notes

Key		Type	Size		be Null	
P	Id	Int		Unique identifier	False	
F	Product_Id	Int		Id of a product	True	
F	Order_Id	Int		Id of order	False	
	Quantity	int		Number of product	False	Default set to 1
	TimeOrdered	DateTime		DateTime or order request	False	

Table Order

P/F Key	Field Name	Data Type	Field Size	Description	Call be Null	Notes
P	Id	Int		Unique identifier	False	
	Complete	TinyInt		Boolean of order complete	False	Default = 0
	DateTime	DateTime		DateTime when order has completed	True	