

IV. Data Dictionary

Entity	Product		
Table name	Products		
Attribute	Data Type	Length	Constrait/ Rule
ID	INTEGER	database default [-2,147,483,647 to 2,147,483,647]	PK, UNIQUE, NOT NULL, AUTO-INCREMENT 1 start at 0)
Name	VARCHAR	10	NOT NULL
Description	VARCHAR	255	NOT NULL
Quantity	INTEGER	database default [0 to 2,147,483,647]	NOT NULL
Price	INTEGER	database default [0 to 2,147,483,647]	NOT NULL
DateCreated	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
DateModified	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
IsActive	BIT	1	[0,1] 0 = Not Active, 1 = Active: default = 1

Entity	Purchase		
Table name	Purchases		
Attribute	Data Type	Length	Constrait/ Rule
ID	INTEGER	database default [-2,147,483,647 to 2,147,483,647]	PK, UNIQUE, NOT NULL, AUTO-INCREMENT 1 start at 0)
Sender	VARCHAR	255	NOT NULL
Description	VARCHAR	255	NOT NULL
Location	VARCHAR	255	NOT NULL
DateCreated	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
DateModified	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
IsActive	BIT	1	[0,1] 0 = Not Active, 1 = Active: default = 1

Entity	Purchase_Record		
Table name	purchases_records		
Attribute	Data Type	Length	Constrait/ Rule
ID	INT	database default [-2,147,483,647 to 2,147,483,647]	PK, UNIQUE, NOT NULL, AUTO-INCREMENT 1 start at 0)
Purchase_ID	INT	database default [-2,147,483,647 to 2,147,483,647]	FK, primary in purchase.id, NOT NULL
Record_ID	INT	database default [-2,147,483,647 to 2,147,483,647]	FK, primary in record.id, NOT NULL
Price	INTEGER	database default [0 to 2,147,483,647]	NOT NULL
Quantity	INT	database default [-2,147,483,647 to 2,147,483,647]	NOT NULL
DateCreated	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
DateModified	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
IsActive	BIT	1	[0,1] 0 = Not Active, 1 = Active: default = 1

Entity	User		
Table name	users		
Attribute	Data Type	Length	Constrait/ Rule
ID	INT	database default [-2,147,483,647 to 2,147,483,647]	PK, UNIQUE, NOT NULL, AUTO-INCREMENT 1 start at 0)
FirstName	VARCHAR	255	NOT NULL
LastName	VARCHAR	255	NOT NULL
DateCreated	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
DateModified	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
IsActive	BIT	x	[0,1] 0 = Not Active, 1 = Active: default = 1

Entity	Sales		
Table name	sales		
Attribute	Data Type	Length	Constrait/ Rule
ID	INTEGER	database default [-2,147,483,647 to 2,147,483,647]	PK, UNIQUE, NOT NULL, AUTO-INCREMENT 1 start at 0)
Description	VARCHAR	255	NOT NULL
User_ID	INTEGER	database default [-2,147,483,647 to 2,147,483,647]	FK, primary in users.id, NOT NULL
Location	VARCHAR	255	NOT NULL
DateCreated	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
DateModified	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
IsActive	BIT	1	[0,1] 0 = Not Active, 1 = Active: default = 1

Entity	Sales_Product		
Table name	sales_products		
Attribute	Data Type	Length	Constrait/ Rule
ID	INT	database default [-2,147,483,647 to 2,147,483,647]	PK, UNIQUE, NOT NULL, AUTO-INCREMENT 1 start at 0)
Sales_ID	INT	database default [-2,147,483,647 to 2,147,483,647]	FK, primary in sales.id, NOT NULL
Record_ID	INT	database default [-2,147,483,647 to 2,147,483,647]	FK, primary in record.id, NOT NULL
Quantity	INT	database default [-2,147,483,647 to 2,147,483,647]	NOT NULL
Price	INT	database default [-2,147,483,647 to 2,147,483,647]	NOT NULL
DateCreated	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
DateModified	DATE TIME	database default date length	dateadd(hh,getutcddate(),8)
IsActive	BIT	1	[0,1] 0 = Not Active, 1 = Active: default = 1