

USER		
PK	ID	GUID
	UserName	Varchar(128)
	Email	Varchar(128)
	...	...

CUSTOMER'S USERS		
PK	ID	GUID
FK	UserID	GUID
FK	CustomerID	GUID

OPERATION MAPPING		
PK	ID	GUID
FK	Processing_stepID	GUID
FK	OrderID	GUID
	Prerequisites_obtained	Bool
	Completed_at	Date
	Details	Varchar(128)

PROCESSING STEP		
PK	ID	GUID
	Name	Varchar(128)
	Details	Varchar(128)

EStatus
Pending
InProgress
Completed
Shipped
Cancelled

USER ROLES		
PK	ID	GUID
	UserId	GUID
	RoleId	GUID
	...	...

CUSTOMER		
PK	ID	GUID
	Name	Varchar(128)
	Phone	Varchar(20)
	Email	Varchar(128)
	Address	Varchar(255)
	Additional_info	Varchar(255)

ORDER		
PK	ID	GUID
FK	CustomerID	GUID
FK	MaterialID	GUID
	Order_number	Varchar(30)
	Name	Varchar(128)
	Order_date	Date
	Deadline	Date
	Total_amount	Integer
	Total_area	Decimal(8,3)
	Linear_meter	Decimal(8,3)
	Details	Varchar(128)
	Status	Enum
FK	ShipmentID	GUID
	Pallet_nr	Integer
	Billing_date	Date

MATERIAL		
PK	ID	GUID
	Name	Varchar(128)
	Details	Varchar(128)

ROLE		
PK	ID	GUID
	RoleName	Varchar(128)
	Details	Varchar(128)
	...	...

SHIPMENT		
PK	ID	GUID
	Shipped_on	Date
FK	CustomerID	GUID
	Method	Varchar(128)
	Details	Varchar(128)

ORDER ITEM		
PK	ID	GUID
FK	OrderID	GUID
	Detail_nr	Integer
	Length_mm	Integer
	Width_mm	Integer
	Area	Decimal(8,3)
	Linear_meter	Decimal(8,3)
	Amount	Integer
	Details	Varchar(128)