Lightyear

10-01-2022 @ DbSchema

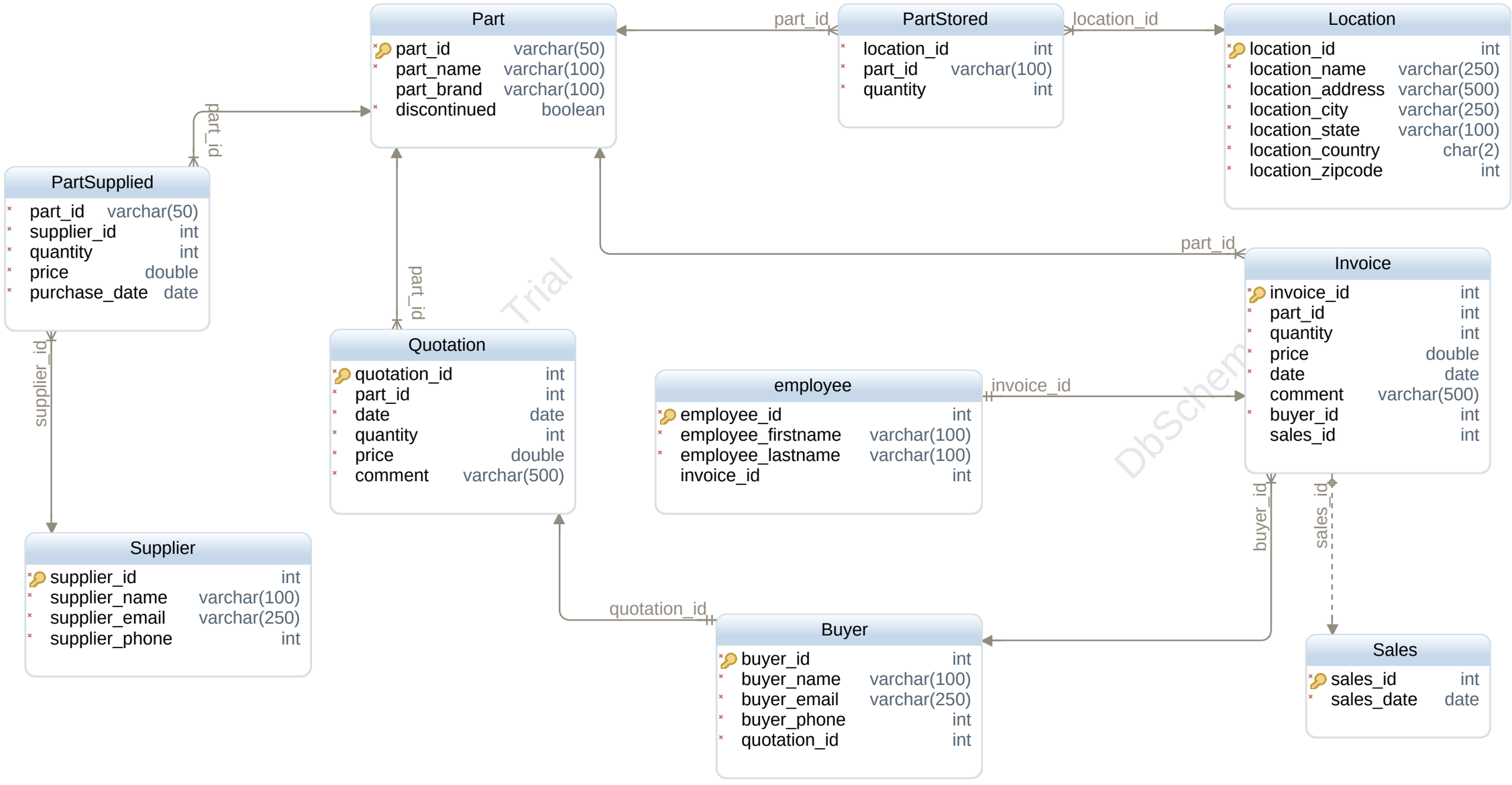
Layouts

1. Default Layout 1

Tables

Lightyear.Buyer [1] 2
Lightyear.Invoice [1] 2
Lightyear.Location [1] 2
Lightyear.Part [1] 2
Lightyear.PartStored [1] 2
Lightyear.PartSupplied [1] 3
Lightyear.Quotation [1] 3
Lightyear.Sales [1] 3
Lightyear.Supplier [1] 3
Lightyear.employee [1] 3

Right-click the layout to create entities or shapes, create relations using drag and drop.
Save the design to file. Use the Convert menu option to convert the model to a physical model.



Default Layout

Entity Buyer

* Pk	buyer_id	int
*	buyer_name	varchar(100)
*	buyer_email	varchar(250)
*	buyer_phone	int
*	quotation_id	int
Indexes		
Pk	Pk_Buyer_buyer_id	buyer_id
Foreign Keys		
	Fk_Buyer_quotationid (quotation_id) ref Quotation (quotation_id)	

Entity Invoice

* Pk	invoice_id	int
*	part_id	int
*	quantity	int
*	price	double
*	date	date
	comment	varchar(500)
*	buyer_id	int
	sales_id	int
Indexes		
Pk	Pk_Invoice_invoice_id	invoice_id
Foreign Keys		
	Fk_Invoice_partid (part_id) ref Part (part_id)	
	Fk_Invoice_buyerid (buyer_id) ref Buyer (buyer_id)	
	Fk_Invoice_salesid (sales_id) ref Sales (sales_id)	

Entity Location

* Pk	location_id	int
*	location_name	varchar(250)
*	location_address	varchar(500)
*	location_city	varchar(250)
*	location_state	varchar(100)
*	location_country	char(2)
*	location_zipcode	int
Indexes		
Pk	Pk_Location_location_id	location_id

Entity Part

* Pk	part_id	varchar(50)
*	part_name	varchar(100)
	part_brand	varchar(100)
*	discontinued	boolean
Indexes		
Pk	Pk_Parts_part_id	part_id

Entity PartStored

*	location_id	int
*	part_id	varchar(100)
*	quantity	int
Foreign Keys		

Entity PartStored

	Fk_PartsStored_location (location_id) ref Location (location_id)	
	Fk_PartsStored_partid (part_id) ref Part (part_id)	

Entity PartSupplied

*	part_id	varchar(50)
*	supplier_id	int
*	quantity	int
*	price	double
*	purchase_date	date
Foreign Keys		
	fk_partssupplied_part_id (part_id) ref Part (part_id)	
	fk_partssupplied_supplier_id (supplier_id) ref Supplier (supplier_id)	

Entity Quotation

* Pk	quotation_id	int
*	part_id	int
*	date	date
*	quantity	int
*	price	double
*	comment	varchar(500)
Indexes		
Pk	Pk_Quotation_quotation_id	quotation_id
Foreign Keys		
	Fk_Quotation_partid (part_id) ref Part (part_id)	

Entity Sales

* Pk	sales_id	int
*	sales_date	date
Indexes		
Pk	Pk_Sales_sales_id	sales_id

Entity Supplier

* Pk	supplier_id	int
*	supplier_name	varchar(100)
*	supplier_email	varchar(250)
*	supplier_phone	int
Indexes		
Pk	Pk_Supplier_supplier_id	supplier_id

Entity employee

* Pk	employee_id	int
*	employee_firstname	varchar(100)
*	employee_lastname	varchar(100)
	invoice_id	int
Indexes		
Pk	Pk_employee_employee_id	employee_id
Foreign Keys		
	Fk_employee_invoiceid (invoice_id) ref Invoice (invoice_id)	