



Layout with Tools

Table customers		
* Pk	customer_id	integer
*	customer_name	varchar(255)
	contact_person_and_role	varchar(300)
	phone_number	varchar(12)
	address	varchar(255)
	city	varchar(255)
	zip	varchar(5)
	contract_id	integer
	contract_date	date
	unloading_place	varchar(300)
Indexes		
Pk	pk_customers_customer_id	customer_id
Foreign Keys		
	fk_customers_orders (customer_id) ref orders (customer_id)	
Table employees		
* Pk	employee_id	integer
*	first_name	varchar(300)
*	last_name	varchar(300)
	employee_role	varchar(255)
	phone_number	varchar(12)
	address	varchar(255)
	city	varchar(255)
	zip	varchar(5)
	hire_date	date
	employee_wage	numeric(6,2)
Indexes		
Pk	pk_employees_employee_id	employee_id
Foreign Keys		
	fk_employees_orders (employee_id) ref orders (employee_id)	
Table orders		

* Pk	order_id	integer
	order_date	date
	customer_name	varchar(255)
Unq	customer_id	integer
	product_name	varchar(255)
Unq	product_id	integer
	quantity	numeric(6,2)
	price	numeric(6,2)
	responsible_employee	varchar(300)
Unq	employee_id	integer

Indexes

Pk	pk_orders_order_id	order_id
Unq	uniq_orders_customer_id	customer_id
Unq	uniq_orders_product_id	product_id
Unq	uniq_orders_employee_id	employee_id

Table products

* Pk	product_id	integer
*	product_name	varchar(255)

Table products

	quantity	numeric(6,2)
Unq	supplier_id	integer
	supplier_name	varchar(255)
	invoice_id	integer

Indexes

Pk	pk_products_product_id	product_id
Unq	uniq_products_supplier_id	supplier_id

Foreign Keys

	fk_products_orders (product_id) ref orders (product_id)
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Table suppliers

* Pk	supplier_id	integer
*	supplier_name	varchar(255)
	contact_person_and_role	varchar(300)
	phone_number	varchar(12)

	address	varchar(255)
	city	varchar(255)
	country	char(2)
	zip	varchar(5)
	contract_id	integer
	contract_date	date
	loading_location	varchar(300)

Indexes

Pk	pk_suppliers_supplier_id	supplier_id
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Foreign Keys

	fk_suppliers_products (supplier_id) ref products (supplier_id)
	fk_suppliers_supply (supplier_id) ref supply (supplier_id)

Table supply

* Pk	supply_id	integer
*	supplier_name	varchar(255)
Unq	supplier_id	integer
*	invoice_id	integer
*	invoice_date	date

Indexes

Pk	pk_supply_supply_id	supply_id
Unq	uniq_supply_supplier_id	supplier_id

Сокращенный пример реального бизнеса по импорту и доставке клиентам по заявкам плодоовощной продукции. Без транспорта, бухгалтерии и пр.

Таблицы:

- Поставщики;
- Поставки;
- Клиенты;
- Товары;
- Заказы;
- Сотрудники.