

Pharmacy data base design

Entity	Attributes	Data type	Size	Key
Customer	<ul style="list-style-type: none"> Cus_id Cus_name Cus_number 	<ul style="list-style-type: none"> Int Varchar int 	<ul style="list-style-type: none"> 9 40 9 	<ul style="list-style-type: none"> Pk Uk .
dose	<ul style="list-style-type: none"> Dos_id Dos_qty 	<ul style="list-style-type: none"> Int varchar 	<ul style="list-style-type: none"> 20 10 	<ul style="list-style-type: none"> Pk
Employee	<ul style="list-style-type: none"> Emp-id Emp-fname Emp_lname Emp-Pass Emp-dob Emp-salary Emp-phone Emp-sex Emp-postion Creat_at 	<ul style="list-style-type: none"> Int Varchar Varchar text text Int int Varchar Varchar datetime 	<ul style="list-style-type: none"> 4 40 20 ---- ---- 6 15 20 9 ---- 	<ul style="list-style-type: none"> Pk Uk
form	<ul style="list-style-type: none"> For_id For_name 	<ul style="list-style-type: none"> Int varchar 	<ul style="list-style-type: none"> 20 40 	<ul style="list-style-type: none"> Pk
income	<ul style="list-style-type: none"> inc_id rec_id emp_id total inc_date 	<ul style="list-style-type: none"> int int int double datetime 	<ul style="list-style-type: none"> 11 11 11 --- --- 	<ul style="list-style-type: none"> Pk Fk Fk . .
Products	<ul style="list-style-type: none"> Pro_id Pro_name Section-id For_id Dos_id 	<ul style="list-style-type: none"> Int Varchar Int Int Int 	<ul style="list-style-type: none"> 4 40 3 20 20 	<ul style="list-style-type: none"> Pk Uk Fk Fk Fk

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Receipt	<ul style="list-style-type: none"> Rec-id Rec_code Date-time Emp_id Cus_id Sto_id Qty Unit-cost Total-cost 	<ul style="list-style-type: none"> Int varchar datetime int int int int double double 	<ul style="list-style-type: none"> 4 30 --- 4 9 4 5 --- --- 	<ul style="list-style-type: none"> Pk . . Fk Fk Fk . Fk .
Section	<ul style="list-style-type: none"> Sec-id Sec-name 	<ul style="list-style-type: none"> Int Varchar 	<ul style="list-style-type: none"> 4 60 	<ul style="list-style-type: none"> Pk .
session	<ul style="list-style-type: none"> Ses_id Ses_start Ses_end Ses_description Emp_id 	<ul style="list-style-type: none"> Int Datetime Datetime Text int 	<ul style="list-style-type: none"> 20 --- --- --- 4 	<ul style="list-style-type: none"> Pk . . . Fk
store	<ul style="list-style-type: none"> Sto_id Pro_id Sup_id Pro_exp Pro_price Pro_qty Pro_total Pro_code 	<ul style="list-style-type: none"> Int Int int text int int int int 	<ul style="list-style-type: none"> 4 4 4 ---- 8 8 16 30 	<ul style="list-style-type: none"> Pk Fk Fk . . Uk . .
supplier	<ul style="list-style-type: none"> Sup_id Sup_name Sup_address Sup_phone 	<ul style="list-style-type: none"> Int Varchar Varchar int 	<ul style="list-style-type: none"> 4 40 80 20 	<ul style="list-style-type: none"> Pk . . .

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Business Rules:

1. Each store contains many products and deals with many suppliers
2. Product arrange in many sections, this product has many forms such as (Ampoule, vial, powder ...etc) it was described by many doses such as (3ml, 5ml, 10ml ...etc)
3. The receipt may have done by one or many employee, customers and store can be described in one receipt.
4. The session is the period of time that one or many employees may work at and it has start and end time.
5. Income was written in many receipts by many users.