

# KRISHNA CHEMISTS LTD.

## PHARMACEUTICALS DISTRIBUTORS

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### Database – Structure (14 Tables)

- ❖ **Stores/Pharmacy (table name : stores)** -They store the drug inventory

Column Name	Data type
id	int
storename	varchar
location	varchar
contactperson	smallint
latitude	decimal(10,2)
longitude	decimal(10,2)
telephone	varchar
email	varchar
additional services	varchar
comments	varchar
address	varchar

- ❖ **Drugs (table name: drugs)** -These are the drug administered or available at the store.

Column Name	Data type
id	int
genericname	varchar
doseid	int
company	varchar

- ❖ **Dose (table name: dose)** – Store the dosage of the drugs

Column Name	Data type
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id	int
dosename	varchar
minimumdose	decimal(10,2)
maximumdose	decimal(10,2)
dose	decimal(10,2)

❖ **Drug Prices (table name: drugprices)** – The prices of the drugs in the store.

Column Name	Data type
id	int
drugid	int
pricestartdate	datetime
drugprice	decimal(10,2)
storeid	int
tax	decimal(10,2)

❖ **Available clinics (table name: clinics)** –Clinics that patients can visit

Column Name	Data type
id	int
clinicname	varchar
location	varchar
latitude	decimal(10,2)
longitude	decimal(10,2)
address	varchar
town	varchar

❖ **Persons (table name: persons)** –Different people using the system, may include :

- Patient
- Staff
- System users
- Supplier

Column Name	Data type
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id	int
initial	varchar
firstname	varchar
secondname	varchar
surname	varchar
gender	enum
dob	datetime
nationalid	int
address	varchar
town	varchar
phone	varchar
type	smallint
img	tinytext

- ❖ **Patient Refill (table name: patientrefill)** – Orders that patient have made to the store

Column Name	Data type
id	int
patientid	int
drugid	int
refilldate	datetime

- ❖ **Drug refill / Orders (table name: orders)** -These to store the database of the drugs that has been ordered by the patients

Column Name	Data type
id	int
patientid	int
orderid	int

orderdate	datetime
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- ❖ **Patient Insurance (table name: insurance)** -Store information of a patient insurance if it does exist

Column Name	Data type
id	int
inscompanyname	varchar
phone	varchar
address	varchar
memberno	varchar

- ❖ **Patientbill (table name: patientbill)** -To store patient bill

Column Name	Data type
id	int
orderid	varchar
billingdate	datetime
patientid	int
amount	Decimal(10,2)

- ❖ **PatientPayment (table name: patientpayment)** – Information on patient paid bills

Column Name	Data type
id	int
billid	int
paymentdate	datetime
patientid	int
amount	Decimal(10,2)

- ❖ **Immunizations/Vaccinations (table name: immunization)** -To store vaccination data that has been carried out to a patient.

Column Name	Data type
id	int
immunization	varchar
immundate	datetime
clinicattended	varchar

- ❖ **Health information (table name: patienthealth)** -To store the health information of the patient

Column Name	Data type
id	int
patientid	int
hdate	datetime
description	varchar
comments	varchar

- ❖ **Users (table name: users)** -To store username and passwords for users

Column Name	Data type
id	int
username	varchar
pass	datetime
personid	int

### Key Functionality of the end user

The end user to:

- Refill from account
- Refill by scan

- Refill for family member
- Transfer prescription
- Pill reminder
- Vaccination schedule
- Health Information