Doctor's Pen

Patient's Phone No*:

9865554534 🔍

Patient Details

Patient Name:	Phone No:	Gender:	Date of Birth:	Patient History:
Amit Sahoo	9865554534	Male	06/05/1983	view

* mandetory fields

Add Prescription Details

Disease Name*:

select ▼

Prescription Details*:

Rx.

Save

Patient's Medical History

Any Logo

NAME - Amit Sahoo

AGE - 39 years   GENDER - Male

06/08/2022
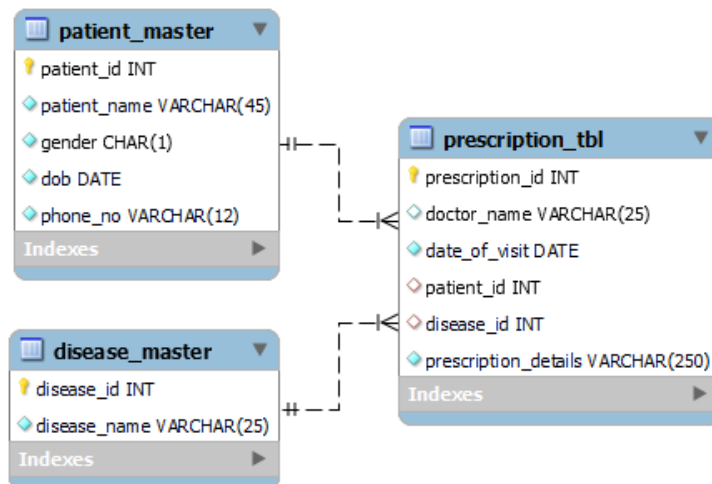
Disease Name - Fever

Prescription Details - Paracetamol 650 twice daily for 3 days. Note body temperature in regular intervals

03/11/2021

Disease Name - Common Cold

Prescription Details - NamCold tablet twice dailey for 2 days. Use inhaler for block nose

/**/   END OF REPORT   /**/

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patient_master ▼
- 🔑 patient_id INT
- ◇ patient_name VARCHAR(45)
- ◇ gender CHAR(1)
- ◇ dob DATE
- ◇ phone_no VARCHAR(12)
- Indexes ▶

prescription_tbl ▼
- 🔑 prescription_id INT
- ◇ doctor_name VARCHAR(25)
- ◇ date_of_visit DATE
- ◇ patient_id INT
- ◇ disease_id INT
- ◇ prescription_details VARCHAR(250)
- Indexes ▶

disease_master ▼
- 🔑 disease_id INT
- ◇ disease_name VARCHAR(25)
- Indexes ▶

Use Case Description

Dr. Amit Singh is a renowned Medicine Specialist in the city. Doctor's Pen is the web application used in his clinic. Assume that modules to populate master tables **patient_master** and **disease_master** are already build. That's why add minimum 10 records to each master tables from database end. (ER-Diagram of database schema is provided for reference).

Our objective is to build consultation module. As you can see in the image, doctor has to enter the patient's phone number (which is a unique and not-null field in the database table). If the patient is not present in the **patient_master** table display a pop-up message showing "Patient Not Found !!, Please register patient before consultation". If the patient is present display his/her details in Patient Details section with a patient history view option. Patient history will be displayed for respective patient as dynamic data in the same page (format is given for reference) where previous visits are displays in field sets by showing recent visits at top with date of visit as caption of field sets.

Add Prescription Details section is used by doctor to capture consultation data related to patient's current visit by selecting disease name drop-down option (which is a dynamic populated option by taking data from **disease_master** table) and providing prescription details. Captured data will be stored in the **prescription_tbl** database table.