

Mini Project Synopsis On

LIBRARY

MANAGEMENT

Submitted as a part of course curriculum for

MINORS IN
DATABASE MANAGEMENT SYSTEM



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Problem Statement :

To create an efficient Pharmacy Management System

Introduction :

Pharmacies have a large number of different medicines which makes it difficult for the chemist/seller to quickly retrieve the medicine . Pharmacy database is designed to keep a record of drugs purchase from companies . This helps in storing patients information and drugs that are prescribed to them as well .

Objectives :

1. To provide an organized database of specialized information on medicines and therapeutics to meet the drug information needs of practitioners .
2. To keep track of drugs purchased from companies
- 3 .It will also help the pharmacist store the history of purchases of a person as it may be needed in the future

Entities and Attributes :**1.PATIENT**Attributes:

- Name
- Address
- Age
- SSN

2.DOCTORAttributes:

- Name
- Specialty
- Years experience
- SSN

3 DRUG

Attributes:

- Trade name
- Formula
- stock

4.PHARMACY

Attributes:

- Name
- Address
- Phone number

5.PHARAMACEUTICAL COMPANY

Attributes:

- Name
- Phone number
- Company id

6 SELL TRANSACTION

Attributes

- Sale ID
- Date

7) EMPLOYEE

Attributes

- Employee id
- Name
- Contact number

8) STOCK

Attributes

- Type
- Items
- Num
- ID

Relationships:

- Primary_physician

It has a Cardinality Ratio of M:N because one patient can have many doctors
one doctors can have many patients.

- Prescribes

It has a Cardinality Ratio of M:N because one patient can be prescribed with many
drugs and one drug can be prescribed to many patients

- Manufacture

It has a Cardinality Ratio of 1:N because one company manufactures many drugs

- Sells

It has a Cardinality Ratio of M:N because many patients are sold with many drugs.

- Employee in charge

It has a Cardinality Ratio of N:1 because many sale transaction handheld by one
employee

- Supplies

It has a Cardinality Ratio of M:N because many company supplies many stocks

