

• **Medical Stores Management System**

Abstract:

This management system was ment to be used for managing diferent retail medical stores,which are connected with warehouses for their stocks and warehouses will directly get their supplies from pharma companies.

This management system consists the data about the customers , employees working in various roles,contains the inventory data of stores and warehouses,contains the product list and their manufacture and order details of customers,warehouses,stores.

Tables:

- **Customer Details:**

This tables consists details of all the customer with their unique customer_id

- Customer_id Primary Key
- Customer_name Not Null
- phone number Not Null unique
- address nullable

- **Store Details:**

This tables consists details of all the stores

- store_id Primary Key
- store_name Not Null
- store_Place Not Null
- store_manager_id Foreign Key

- **Warehouse Details:**

This tables consists details of all the warehouses

- warehouse_id Primary Key
- warehouse_name Not Null
- warehouse_Place Not Null
- warehouse_manager Foreign Key

- **Employee Type:**

This tables consists of different kinds of roles of employee like store manager, store clerks ,warehouse manager...

- emp_type_id Primary Key
- employment_typr Not Null Unique

- **Employee Details:**

This table consists of details of all the employees with their unique employee_id and work type and work place

- emp_id Primary Key
- emp_name Not Null
- store_id Foreign Key nullable(exists if he works in retail stores)
- warehouse_id Foreign Key nullable(exists if he works in retail warehouse)
- emp_username Not Null unique
- emp_password Not Null unique
- emp_type Foreign Key

- **Pharma Company Details:**

This table consists of details of different pharma companies to order medicines

- Company_id Primary Key
- Company_name Not Null
- Company_Place Not Null

- **Product Details:**

This table consists of details of all the products with their unique id, manufacturer, selling Price, Cost Price

- Product_id Primary Key
- Product_name Not Null
- Manufacturer_id Not Null Foreign Key
- Selling_price Not Null
- Cost_price Not Null

- **Store Inventory:**

This table consists of details of all the products and their quantity in stores

- Product_id Not Null Foreign Key
- Store_id Not Null Foreign Key
- Quantity Not Null

- **Warehouse Inventory:**

This table consists of details of all the products and their quantity in Warehouses

- Product_id Not Null Foreign Key
- Warehouse_id Not Null Foreign Key
- Quantity Not Null

- **Orders Data:**

This table consists of details of all the orders placed by customers, stores, warehouses and the by whom and when the order has been placed.

- Order_id Primary Key
- Ordered by Not Null
- Customer_id Foreign Key nullable(exists if the order is of Customer)
- Store_id Foreign Key nullable(exists if the order is from the Stores or by the store)
- Warehouse_id Foreign Key nullable(exists if the order from the Warehouse or by the warehouse)
- Pharmacompany_id Foreign Key nullable(exists if the order from the Pharma company by warehouses)
- total_cost Not Null
- date Not Null

- **Order Details:**

This table consists of details of all the products and their quantity ordered in order_id

- Product_id Not Null Foreign Key
- Order_id Not Null Foreign Key
- Quantity Not Null