Anudip Foundation

# MEDICAL STORE MANAGEMENT SYSTEM

## Project  supervisor

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REPRESENTED BY

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# OVERVIEW

# INTRODUCTION

- In this application, we have one role called Admin. Admin will be responsible for Adding/Removing/Updating medicine details in the system.

- This application is developed to manage medical shops using an online automated system. It will help the store owner to track the medicine and inventory details. This Project has all the necessary functionality from adding and deleting medicines from the system.

- The overall project is designed using the MVC pattern (MVC i.e. Model, View, and Controller). In the Backend, it is using Spring Boot, at the data access layer the project is using Hibernate Framework, and at the frontend, we are using HTML, CSS, and Bootstrap. The Database used here is MYSQL.

- By leveraging Java's robust features and object-oriented programming principles, this system ensures reliability, scalability, and maintainability.

# KEY FEATURES

- **Inventory Management: The system allows easy management of inventory by providing functionalities to add new items, update quantities, search Item, track expiry dates, and remove expired items.**

- **Sales Processing: It facilitates smooth sales processing by enabling the creation of sales transactions, calculating total prices, updating inventory after sales, and generating invoices for customers.**

- **Customer Management:  The system can include features for managing customer information, such as adding new customers, updating contact details, and tracking purchase history.**

- **Supplier Management: Similarly, supplier management functionalities can be integrated to manage supplier information, track orders, and manage supplier relationships effectively.**

- **User-friendly Interface: A user-friendly graphical interface is provided to enhance user experience and facilitate easy navigation through different functionalities of the system.**

- **Security: Robust security measures are implemented to ensure data confidentiality, integrity, and availability.**

- **Database Integration: The system integrates with a relational database management system (e.g., MySQL, SQLite) to persistently store and retrieve data, ensuring data consistency and durability.**

# E-R DIAGRAM
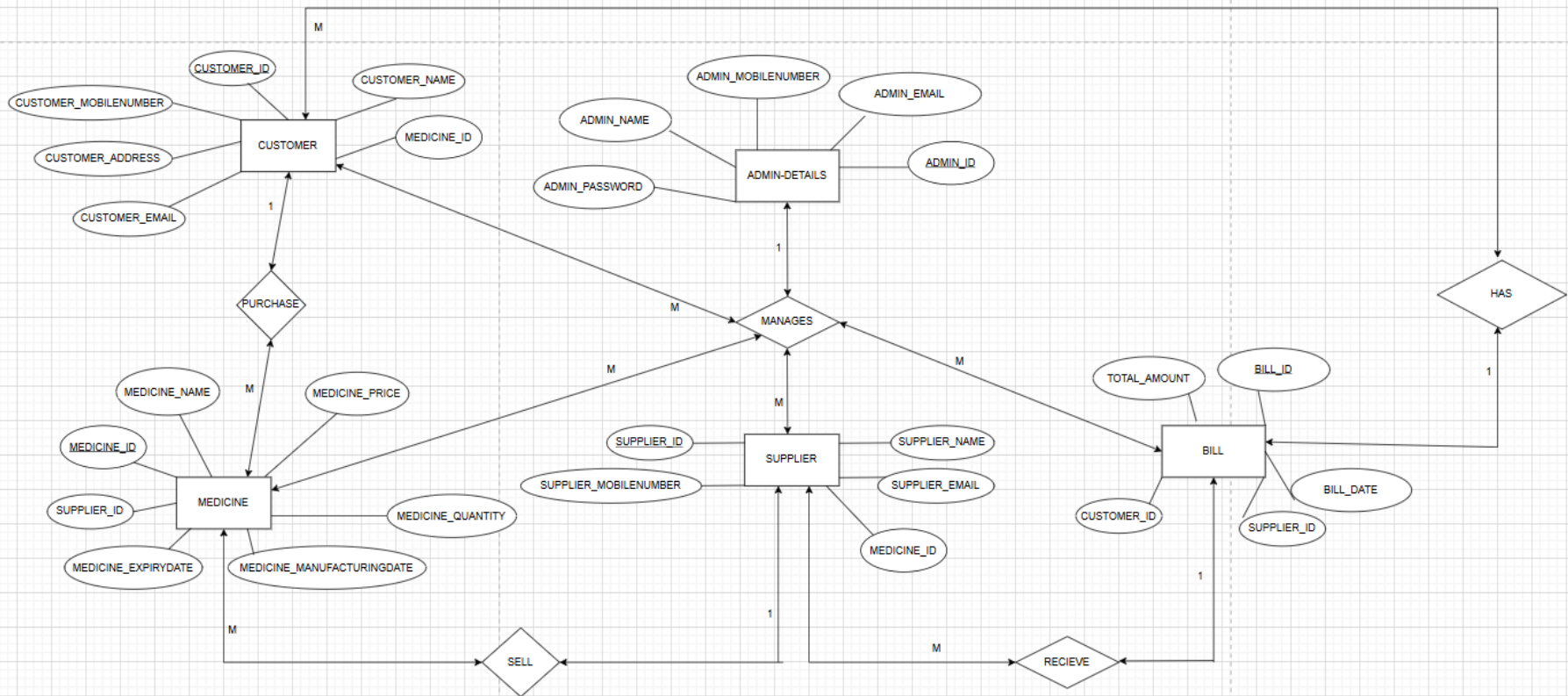
# MODULES

- Admin : Admin can manage the all things and activities of medical stores.
- Attributes : ADMIN_NAME, ADMIN_MOBILENUMBER, ADMIN_EMAIL,, ADMIN_ID


- Medicines : Represents an item available in the medical store.
- Attributes: MedicinesId , Medicinesname, Medicinesprice, Medicinesquantity , MedicinesmanufacturingDate , MedicinesexpiryDate.


- Supplier: Represents a supplier who provides products to the medical store.
- Attributes: supplierId, name, email, phone.


- Customer: Represents a customer who purchases items from the medical store.
- Attributes: customerId, customerIname, customerIemail, pcustomerIhone , customerIAddress,


- Bill: Represents a Total Bill and Transaction Details made by a customer. Or Supplier
- Attributes: BILL_ID, BILL_DATE , TOTAL_AMOUNT, CUSTOMER_ID, SUPPLIER_ID


- Registration: firstly Admin can registered using some details.
- Attributes: ADMIN_ID, ADMIN_NAME, ADMIN_EMAIL, ADMIN_PASSWORD, ADMIN_ADDRESS, ADMIN_MOBILENUMBER.

# TECHNOLOGIES USED

Front-End: Html, CSS, JS.

Server-side: Spring Boot.

Back-end: MYSQL, Hibernate

# THANK YOU

1.My Attendence is 37% due to Network Issue and I was busy in my final year university exams in last 1 month.

2.I have Completed All MCQ test my Score is 70%.

3.I have Completed iChat my Score is 50%.

3.I have Completed Apptitude Test my Score is 90%.