

# PHARMACY MANAGEMENT SYSTEM

A Web Application

## Key talking points

VISUAL C# | WEB  
APPLICATION

# OUTLINE

- INTRO
- Objectives
- The Design
- Implementation
- Result

# INTRO

## PharmaSystem

The main aim of the project is the management of the database of the pharmaceutical shop. This project is insight into the design and implementation of a Pharmacy Management System.

This is done by creating a database of the available medicines in the shop. The primary aim of pharmacy management system is to improve accuracy and enhance safety and efficiency in the pharmaceutical store.

The aim of this project is to develop software for the effective management of a pharmaceutical store. We have developed this software for ensuring effective policing by providing statistics of the drugs in stock.

# PROBLEM DEFINITION

The aim of the project is to create an effective software to help the pharmacist to maintain the records of the medicines, handle user details, generate invoice, check and renew validity and provide a scope of communication between users by using inbuilt messaging system.

## DESCRIPTION TOPIC

This program can be used in any pharmaceutical shops having a database to maintain. The software used can generate reports, as per the user's requirements. The software can print invoices, bills, receipts etc.

# PRIMARY OBJECTIVE

- **To gain practical experience**  
by modeling a software based on real world problem.
- **To understand how to work on Front-end (C#)**  
and Back-end (MySQL)

# SECONDARY OBJECTIVE

- **To develop an application**  
that deals with the day to day requirement of any pharmacy.
- **To develop the easy**  
management of the medicines (drugs).
- **To handle the inventory details**  
like sales details, purchase details and stock expiry and quantity.
- **To provide details information**  
about the stock on details necessary and help locate it in shop easily.
- **To make the stock manageable**  
and simplify the use of inventory in the pharmacy.

# TOOLS



Microsoft  
Visual Studio



Microsoft SQL  
Server  
Database



FrameWork  
Bunifu UI



FrameWork  
Guna UI

# THE DESIGN

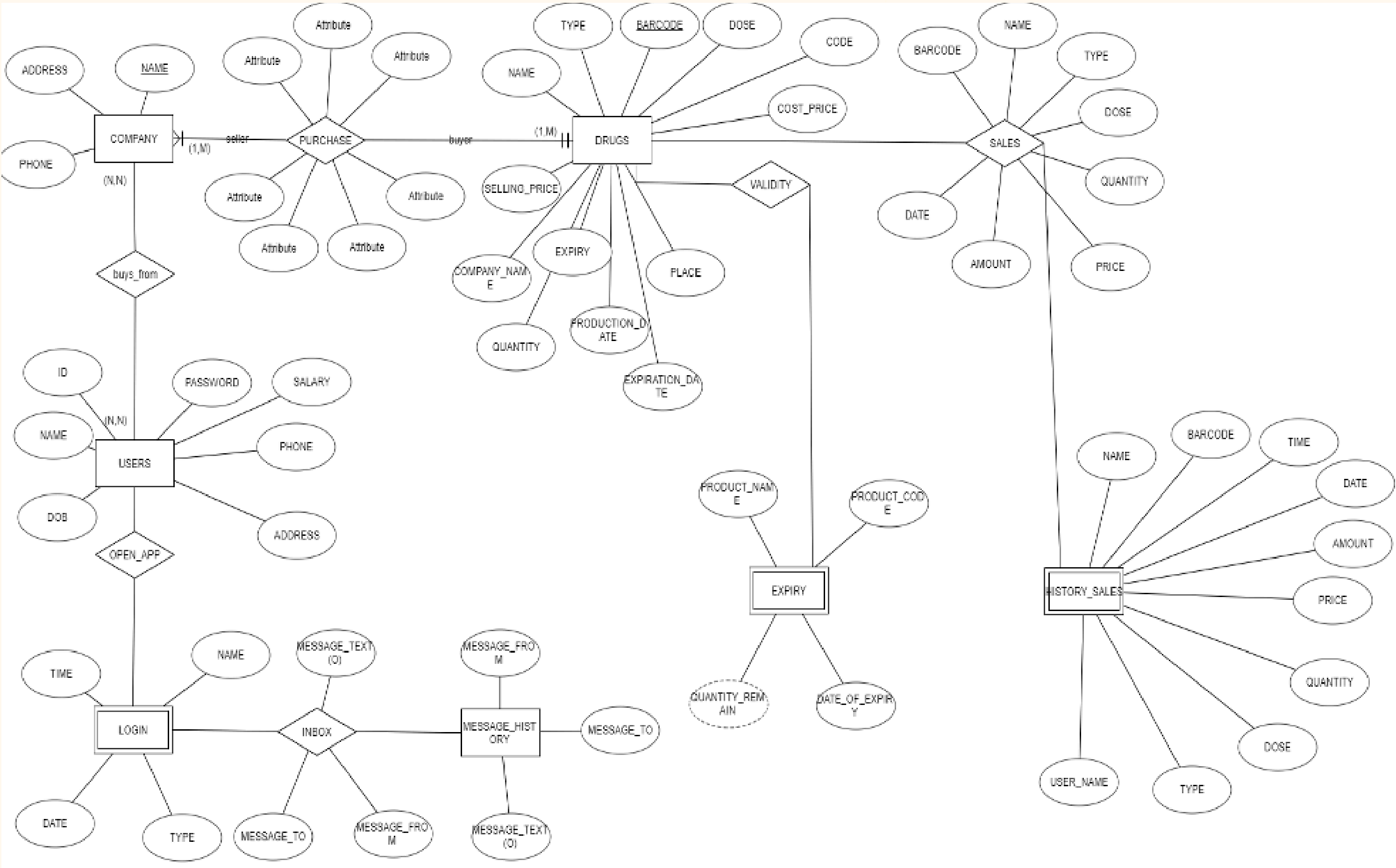


Database  
Architecture



Database Design is a collection of processes that facilitate the designing, development, implementation and maintenance of enterprise data management systems. It helps produce database systems:

- That meet the requirements of the users
- Have high performance.

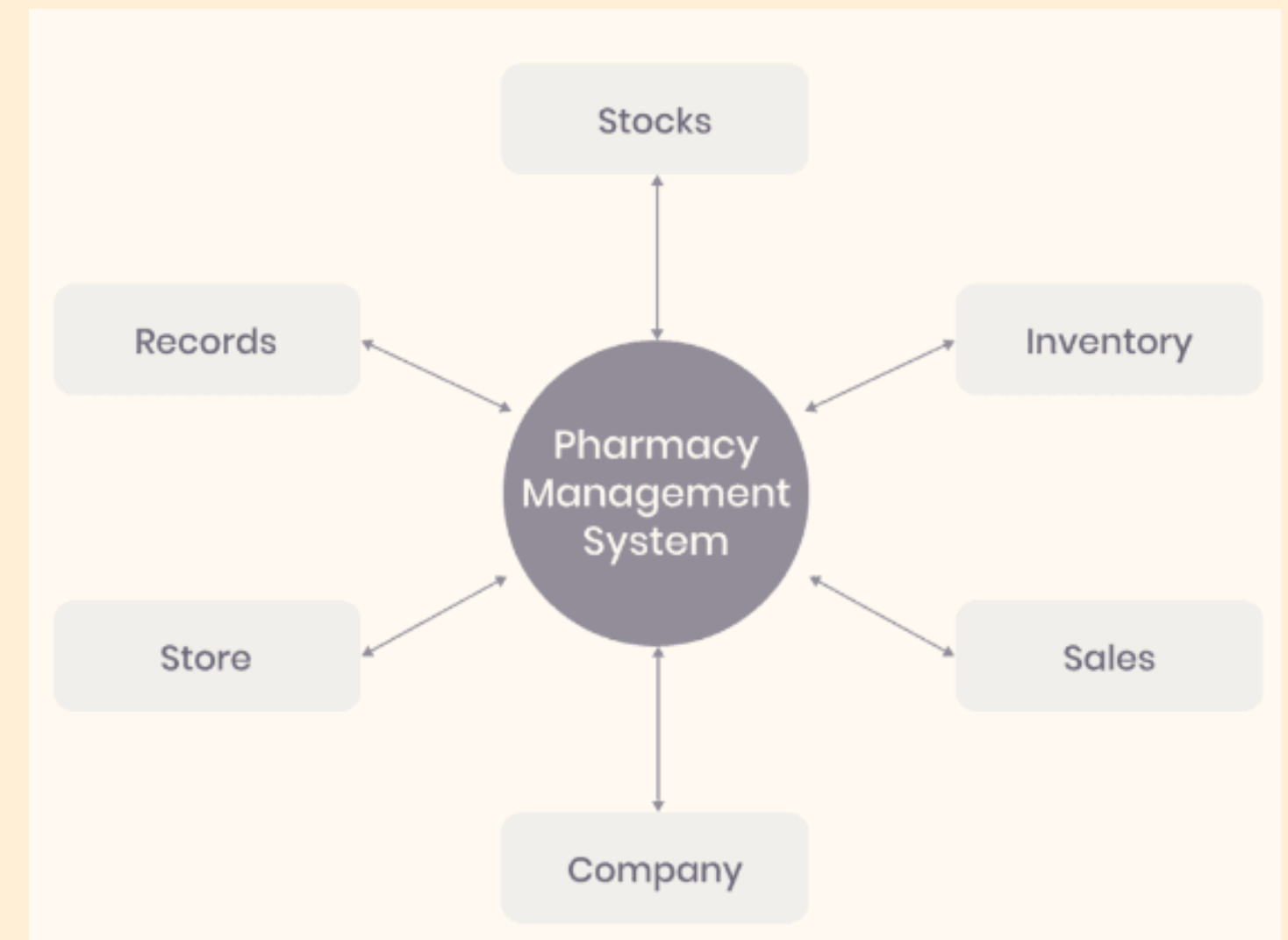


# DESCRIPTION ON IMPLEMENTATION

**The goal of this application is to manage the medicines and various function of the pharmacy.**

List of modules:

- Dashboard
- Medicine
- Customers
- Sellers
- Selling
- Price
- Manufacturer
- LogOut





## RESULT

By using MySQL commands and its database this website Pharmacy management tends to store all the data received from the users including drugs sales details and the profit made by the owners are all in this data base.

This website allows the user to generate invoices for sales, check expiry and quantity remaining of the drugs. It also provides user with options to renew validity and add more drugs into the store and update the database accordingly.

**THANK YOU**

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