MEDICAL STORE E-AUTOMATION PROCESS SYSTEM

Student Name: Jayashri Patil

PRN No. 2021096800013813

Project Guide:
Mrs. Prof. Bhagyashree Sapkale

INDEX

INTODUCTION OF PROJECT

A Medical Shop E-Automation system maintains stock inventory of medicines in pharmaceutical shop. This system ensures fast, accurate processing and also security aspects for the system. When the medicines are purchased, each medicine is assigned a code number.

So that when billing is done, the medicines are identified using the code number and the total amount is calculated and the bill is generated. When the medicines go beyond the minimum level, the user is informed so that the user can place the purchase order for the medicines that are required.

This system generates stock report for both purchase and sales. This system thus reduces the manual work done in the pharmaceutical shop.

NEED OF PROJECT

- To assist the medical shopkeeper and wholesalers in capturing the effort spent on their respective working areas.
- To keep track of purchased medicines and stock status.
- To provide computerized sale and generate bill for a particular sale.
- To keep and manage transaction from suppliers.
- To maintain the payment system for supplier.
- To store the details of medicines category wise.
- To search a medicine in stock.
- To generate the reports from various transaction table

REQUIRED SPECIFICATION

- **Software Requirement:**

Client side:

Web Browser	Google chrome or any Compatible browser
Operating System	Window or any Equivalent

Server Side:

Web server	Web Server
Server Side Language	ASP .NET & C# .NET
ASP Framework	.NET framework
Database Server	MS Access
Web Browser	Google Chrome or any Compatible Browser
Operating System	Windows or any Equivalent OS

FEATURES OF HARWARE & SOFTWARE

Hardware Requirements:

Processor: Intel Core i5, 11th Generation.

Memory (RAM): 8GB.

Operating System: Window 11.

Storage: 8GB/512 GB SSD.

Software Requirements:

Web Technologies: Asp.net, C#.

Database: SQL Server.

Version: Visual Studio 2012

Front End: Client Side Scripting

ASP.NET & C# .NET

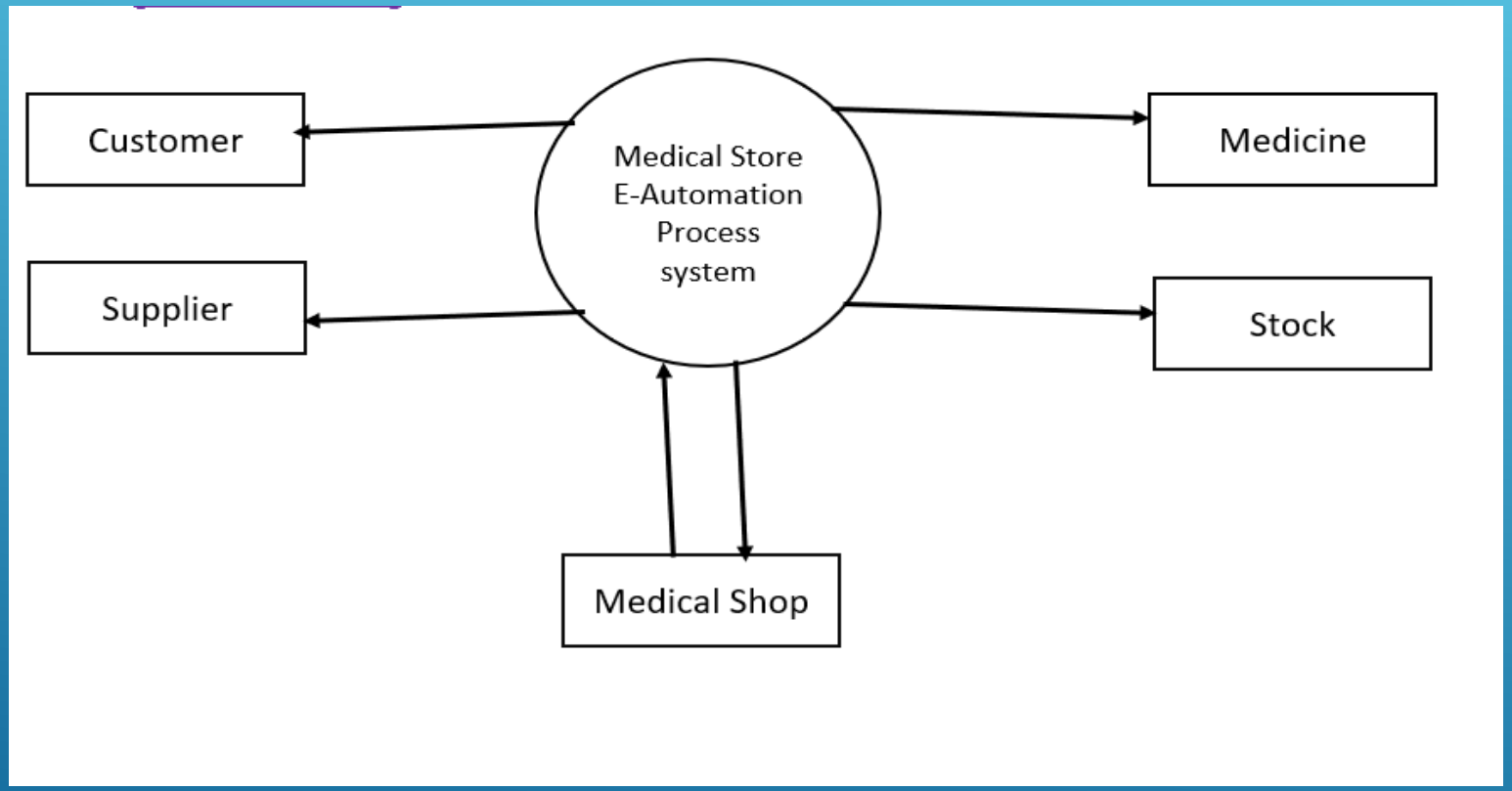
HTML

JavaScript & CSS

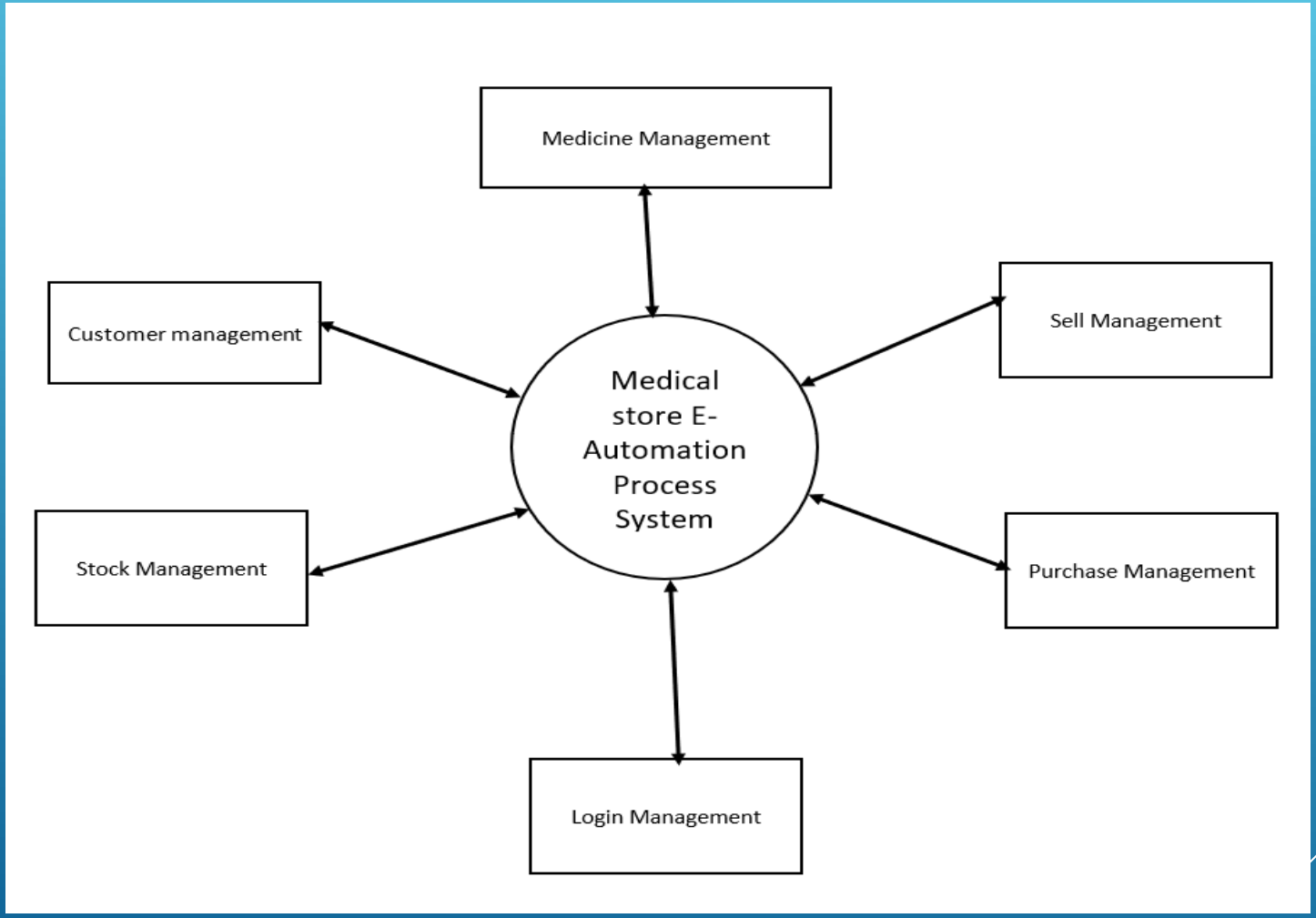
Database Tool: MS ACCESS

Data Flow Diagram

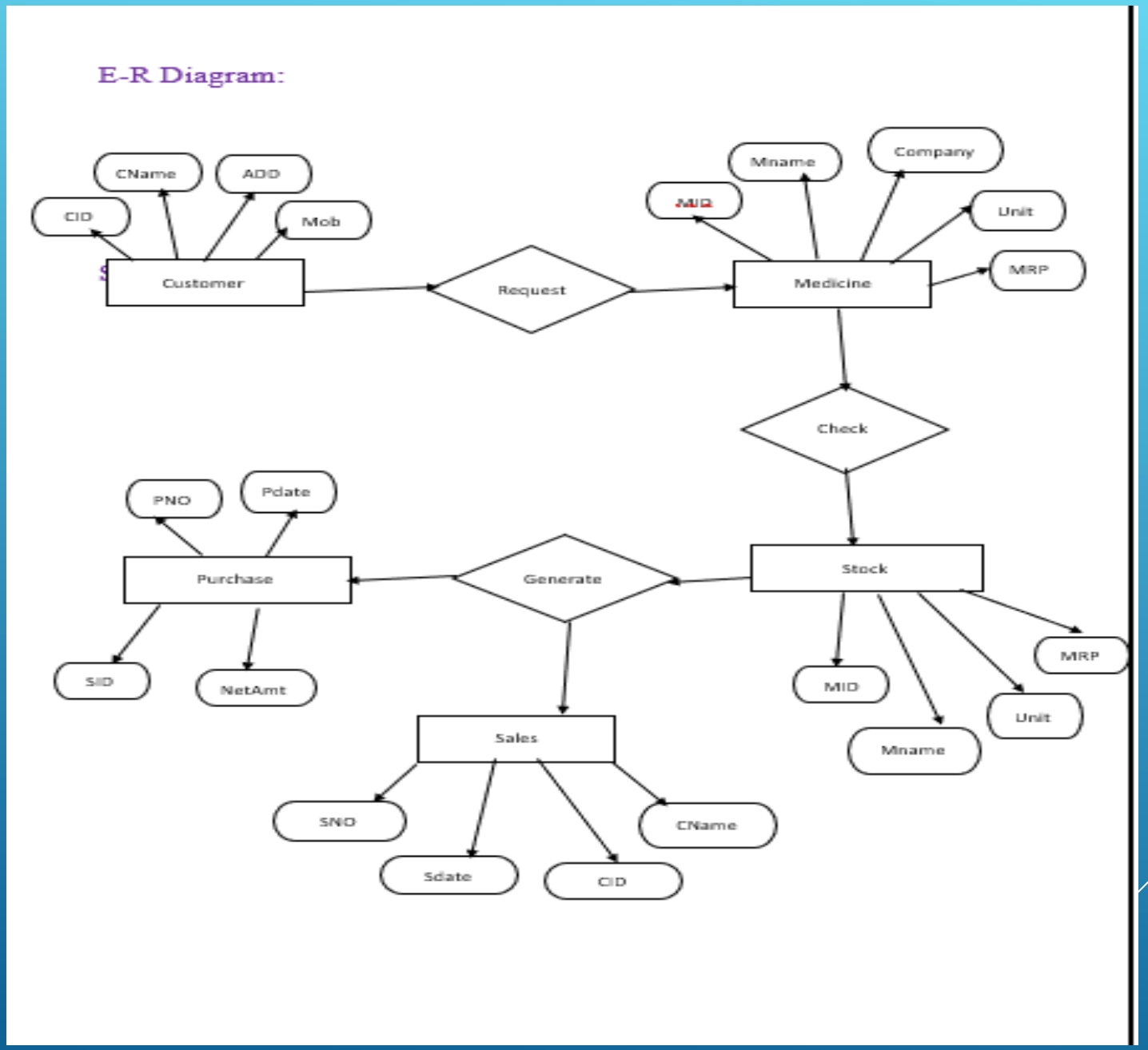
- Zero Level DFD:



First Level DFD:



- E-R Diagram:


E-R Diagram:
CName
ADD
CID
Mob
Customer
Request
Mname
Company
MID
Unit
Medicine
MRP
Check
PNO
Pdate
Purchase
Generate
Stock
SID
NetAmt
MID
MRP
Unit
Mname
Sales
SNO
CName
Sdate
CID

DATA DICTIONARY

- Customer Table

CustomerTBL

Field Name	Data Type
Cid	Number
Cname	Short Text
CAdd	Short Text
Mobile	Short Text
Email	Short Text
baldue	Number

- Medicine Table

MedicineTBL

Field Name	Data Type
MID	Number
Mname	Short Text
Company	Short Text
Descr	Short Text
unit	Short Text
MRP	Number

- Purchase Table

purdetailTBL | purmastTBL

Field Name	Data Type
Pno	Number
Pdate	Date/Time
Sid	Number
Supname	Short Text
Discount	Number
Netamt	Number

- Sale Bill Table

salemastTBL

Field Name	Data Type
Sno	Number
Sdate	Date/Time
Cid	Number
Cname	Short Text
discount	Number
NetAmt	Number

Supplier Table

suppTBL

Field Name	Data Type
sid	Number
supname	Short Text
Address	Short Text
City	Short Text
Contact	Short Text
Email	Short Text
Baldue	Number

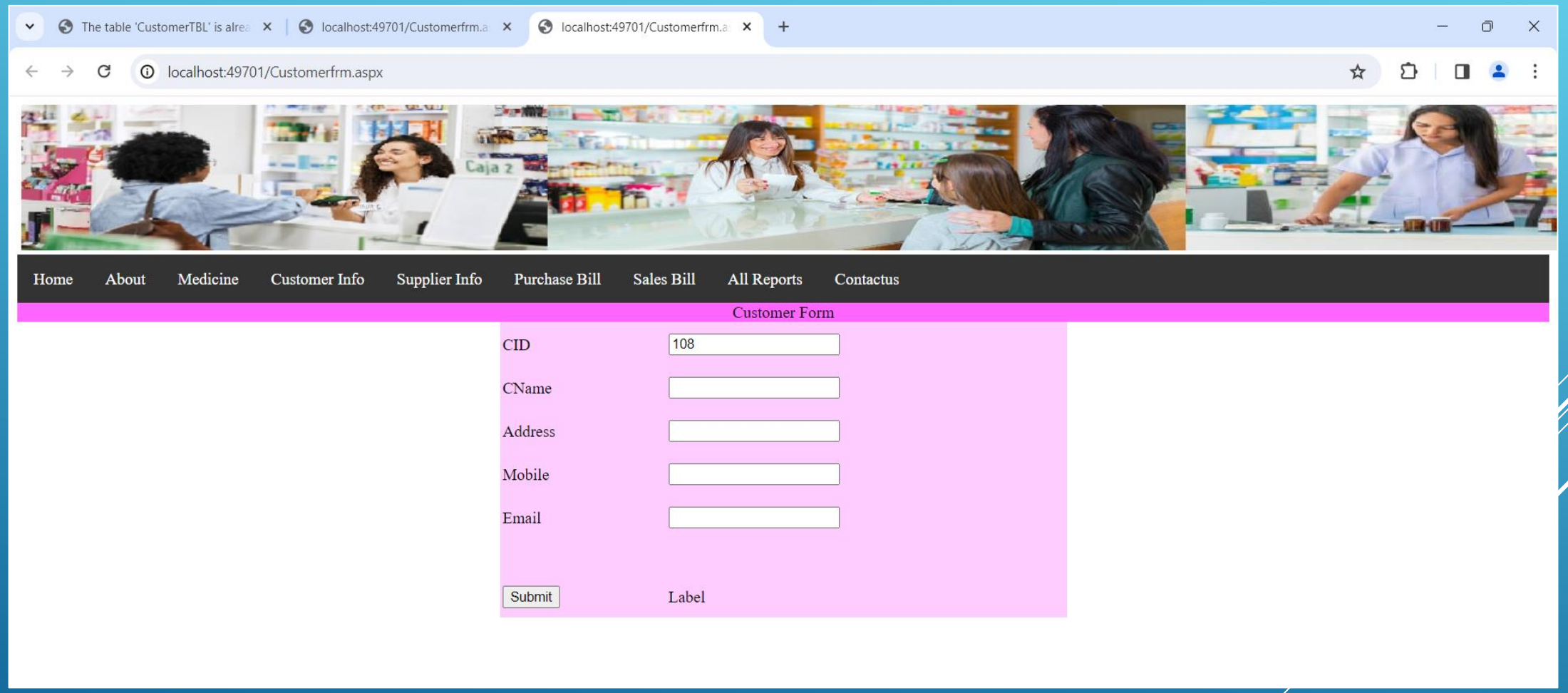
- Stock Table

stockTBL

Field Name	Data Type
Mname	Short Text
Company	Short Text
Descr	Short Text
unit	Short Text
MRP	Number

FORMS

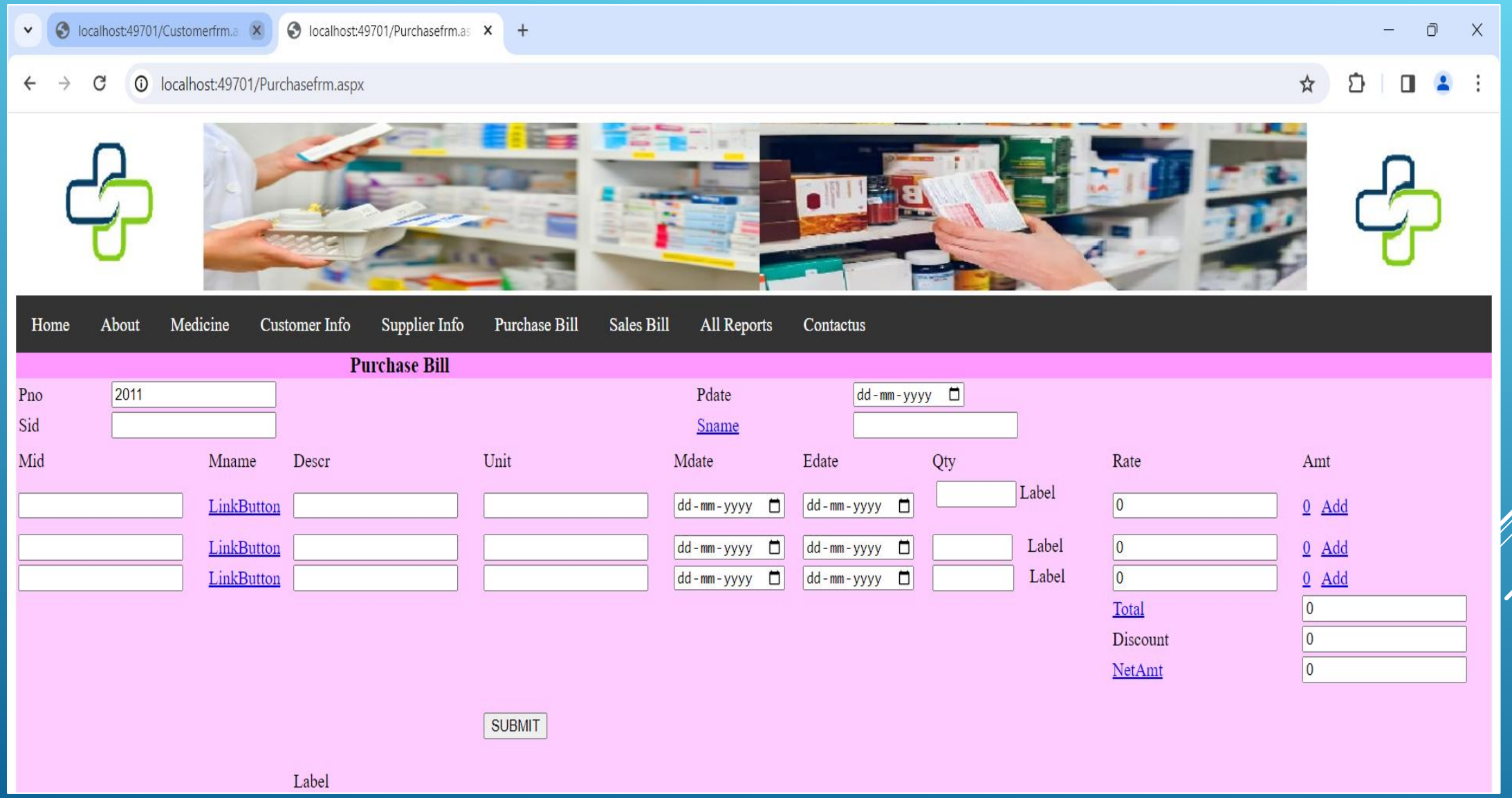
- Customer Information



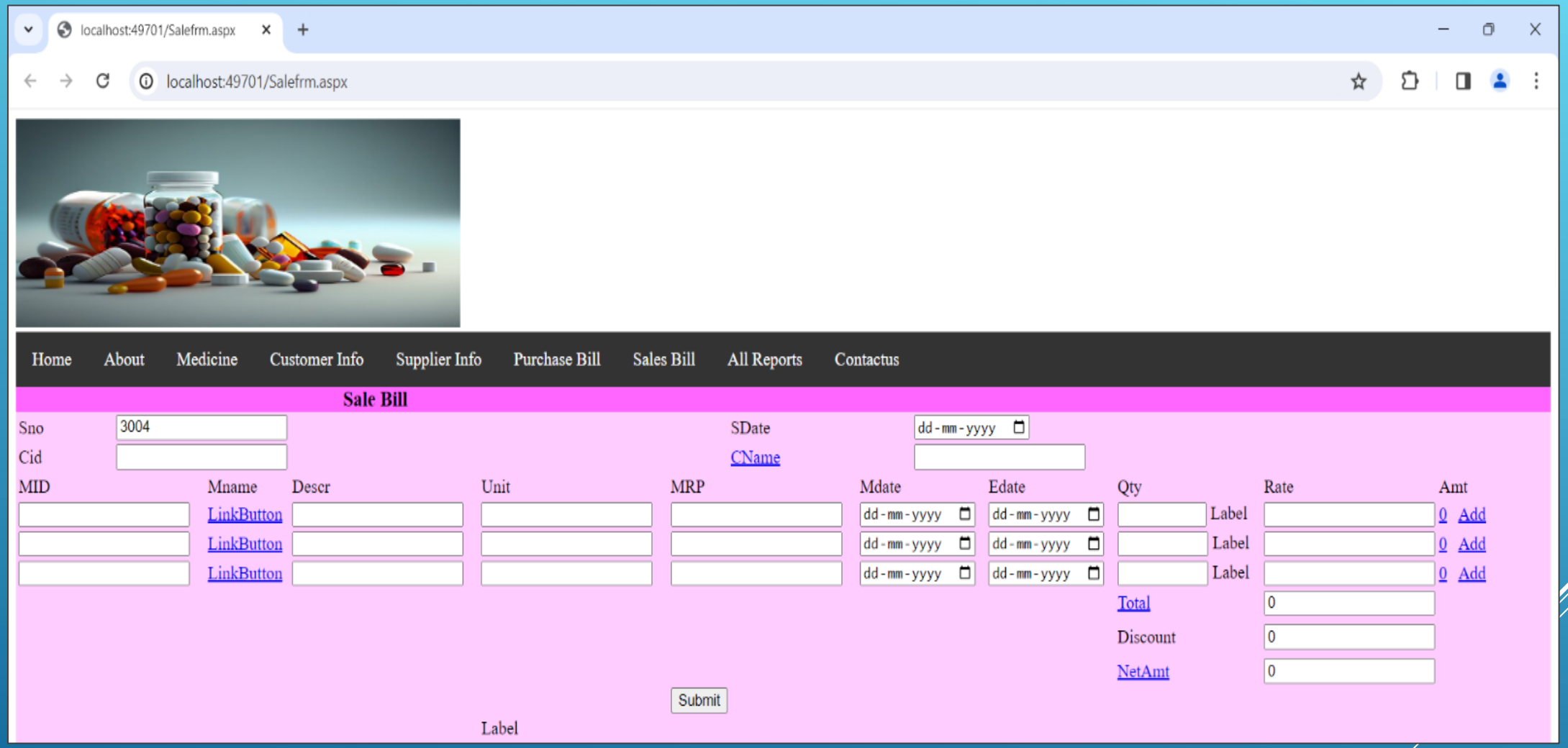
- Medicine :


localhost:49701/Medicinefrm.aspx
"Your Health is in Realiable Hands"
Home
About
Medicine
Customer Info
Supplier Info
Purchase Bill
Sales Bill
All Reports
Contactus
Medicine
Medicine ID
1009
Medicine Name
Company
Discription
Unit
MRP
Submit
Label

- Purchase:


localhost:49701/Customerfrm.a
localhost:49701/Purchasefrm.as
localhost:49701/Purchasefrm.aspx
Home
About
Medicine
Customer Info
Supplier Info
Purchase Bill
Sales Bill
All Reports
Contactus
Purchase Bill
Pno
2011
Pdate
dd-mm-yyyy
Sid
Sname
Mid
Mname
Descr
Unit
Mdate
Edate
Qty
Rate
Amt
LinkButton
Label
0
Add
Total
Discount
NetAmt
SUBMIT
Label

- Sale Bill :


localhost:49701/Salefrm.aspx
localhost:49701/Salefrm.aspx
Home
About
Medicine
Customer Info
Supplier Info
Purchase Bill
Sales Bill
All Reports
Contactus
Sale Bill
Sno
3004
SDate
dd-mm-yyyy
Cid
CName
MID
Mname
Descr
Unit
MRP
Mdate
Edate
Qty
Rate
Amt
LinkButton
LinkButton
LinkButton
dd-mm-yyyy
Label
0
Add
Total
0
Discount
0
NetAmt
0
Submit
Label

CONCLUSION

In conclusion, the implementation of a Medical E-Automation System is crucial for streamlining healthcare processes, improving efficiency, and enhancing patient care. By integrating electronic health records, appointment scheduling, billing systems, and telemedicine capabilities, this system can significantly reduce administrative burdens, minimize errors, and ensure better access to healthcare services. Additionally, it promotes data security, regulatory compliance, and seamless communication among healthcare providers, resulting in a more interconnected and patient-centric healthcare ecosystem. Overall, investing in a Medical E-Automation System is a strategic decision that can yield long-term benefits for healthcare organizations, professionals, and patients alike

REFERENCE

- https://www.google.com
- https://www.youtube.com
- Other resources from net.

Thank You!