



Pharmex

A NEW WAY TO MAKE YOUR STORE EASE

hugluwex

ABSTRACT

- The pharmacy management system is built for the sake of ensuring effective and clear data saving and manipulating as well as neat mirk on the pharmacy medical products. This refers the pharmacy management system project highly minimize time and resource by which. searching the medicine data you can get the data in quickest time. And almost the resources arc wise used since most actions are done on the pharmacy system. Some of the resources minimized include paper. manpower and related things. The other thing is for storing data's in secure way.

CONTENT :

- WHY PHARMEX?
- ABOUT
- FUNCTIONS
- SYSTEM DESIGN
- DATABASE DESIGN
- SYSTEM UI
- LIMITATIONS
- FUTURE SCOPES
- REFERENCE

WHY PHARMEX ?



Global Pharmacy Management System Market

Pharmacy Management System Market held a value of **USD 37,233 Million** in 2018, at a **CAGR of 11.55%** during the assessment period of 2019 to 2025.

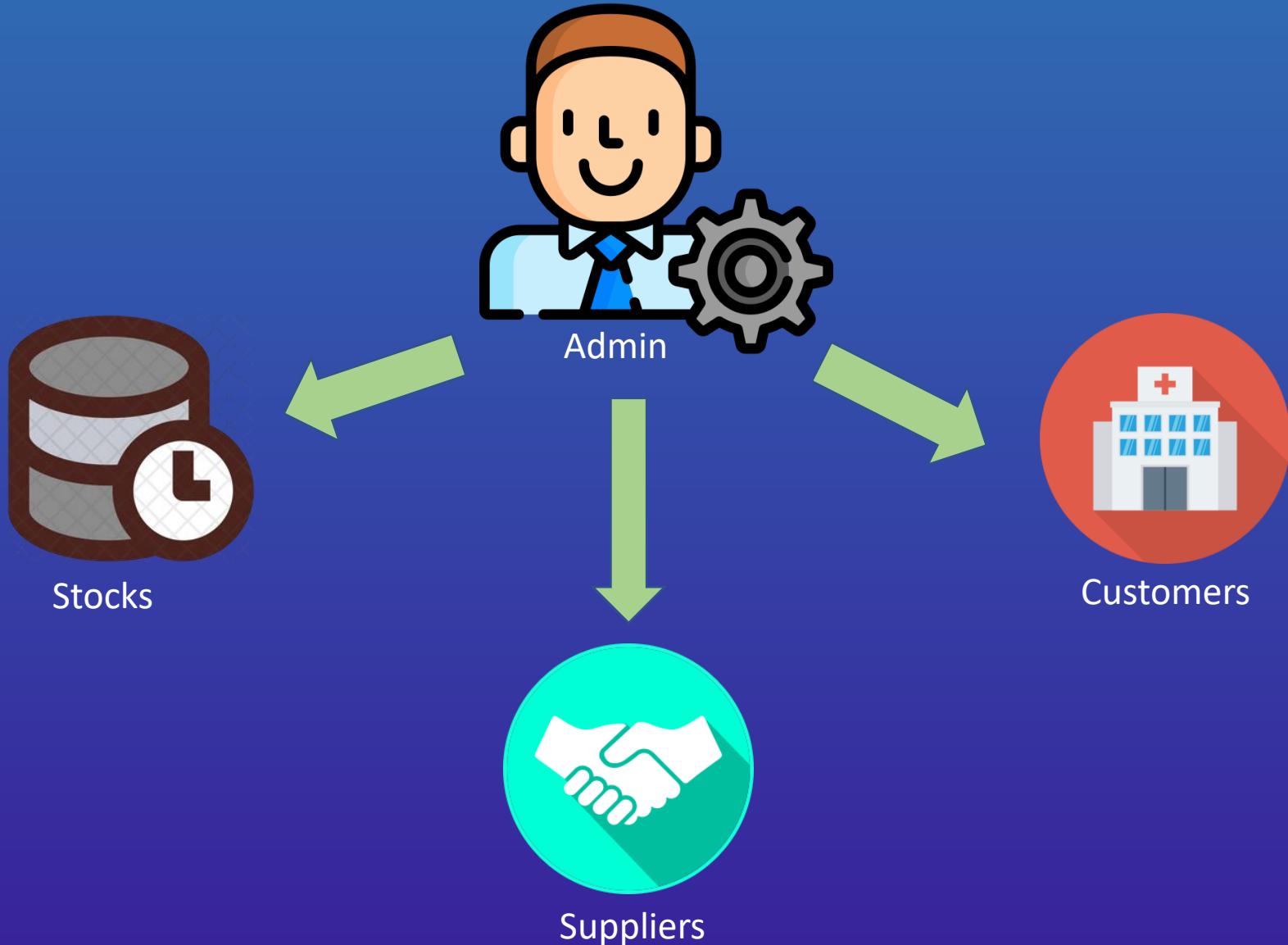


CAGR: Compound Annual Growth Rate

ABOUT PHARMEX



ADMIN FUNCTIONS:

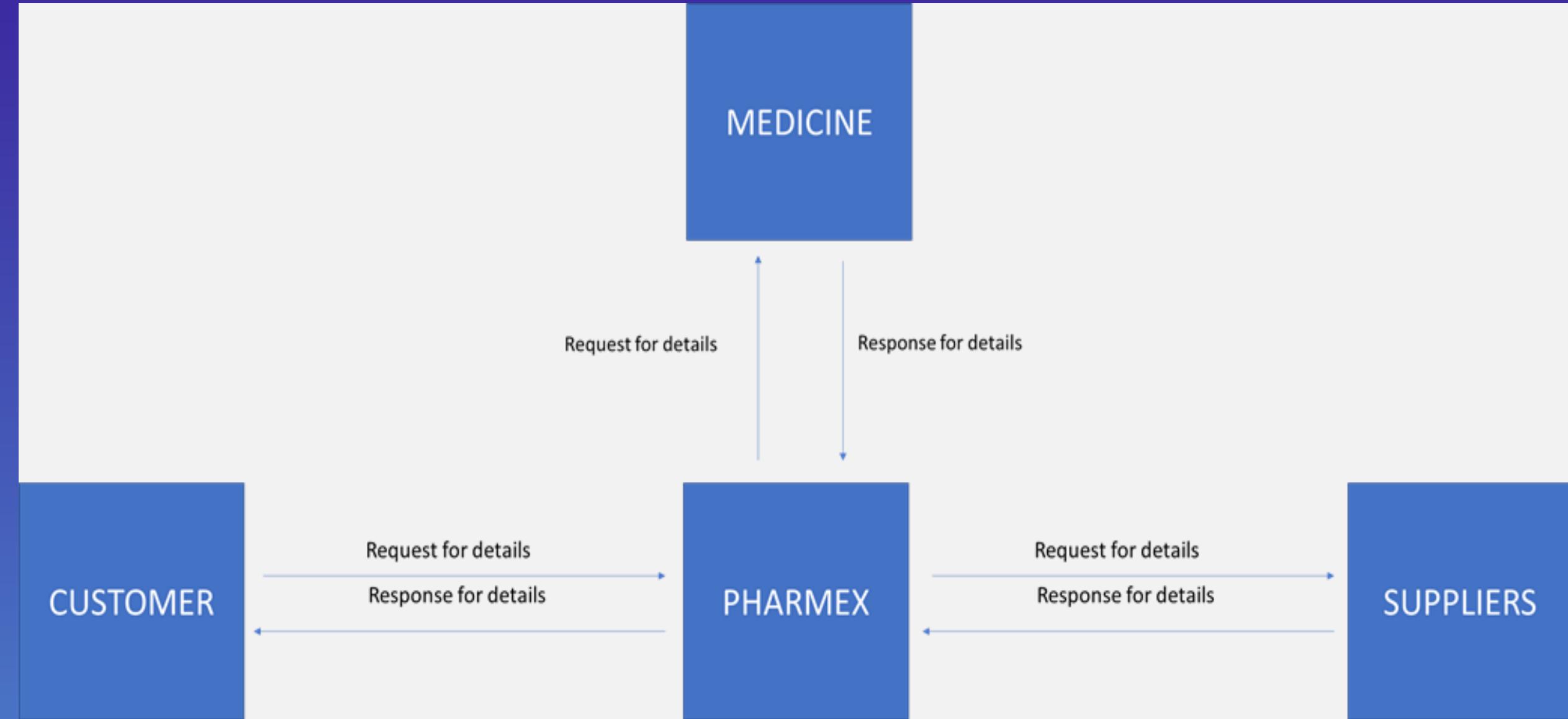


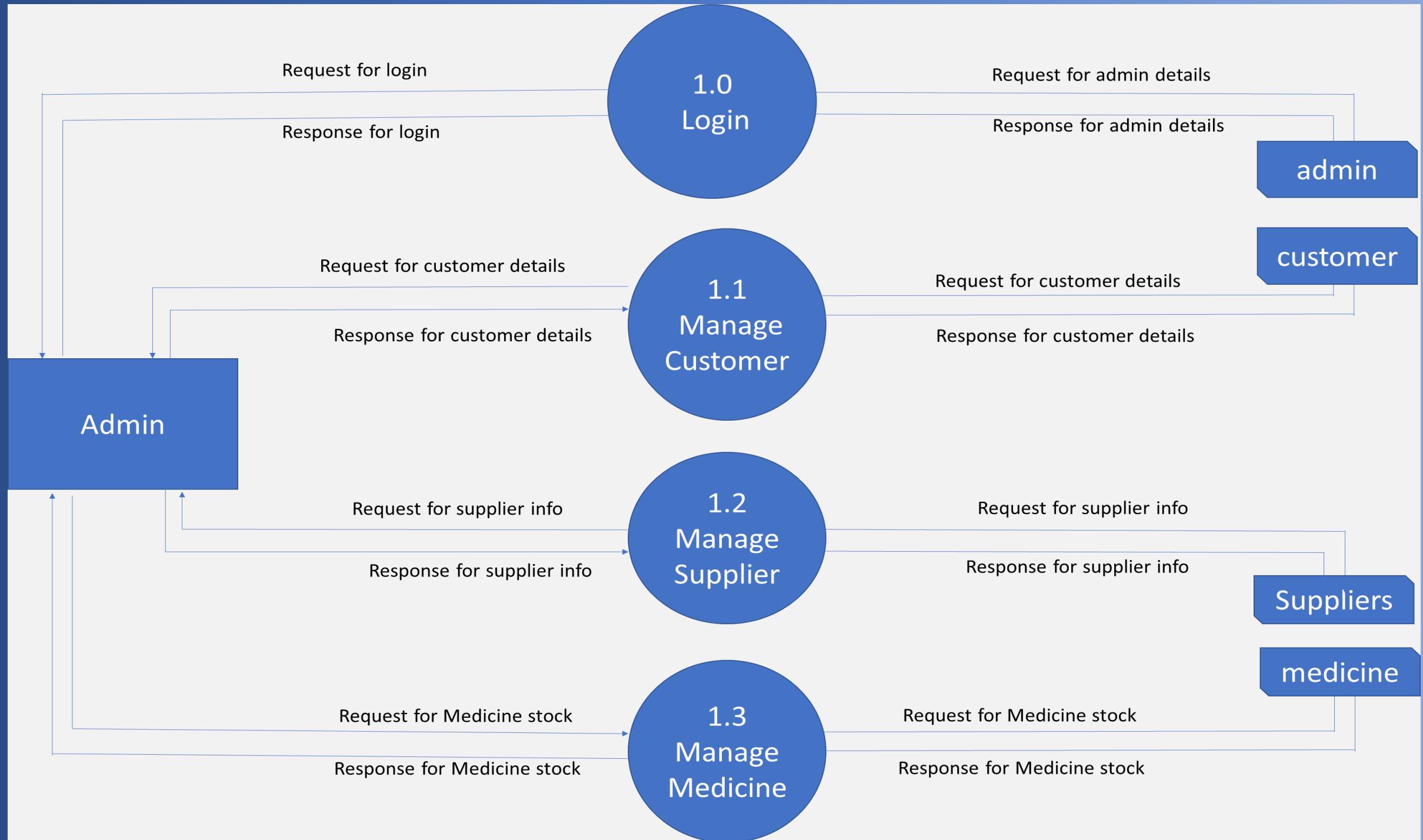


System Design



DATA FLOW DIAGRAM :





Admin login details

1.0 Explorer login

Admin login details

In this process, Admin user registers and inserts
data in admin table

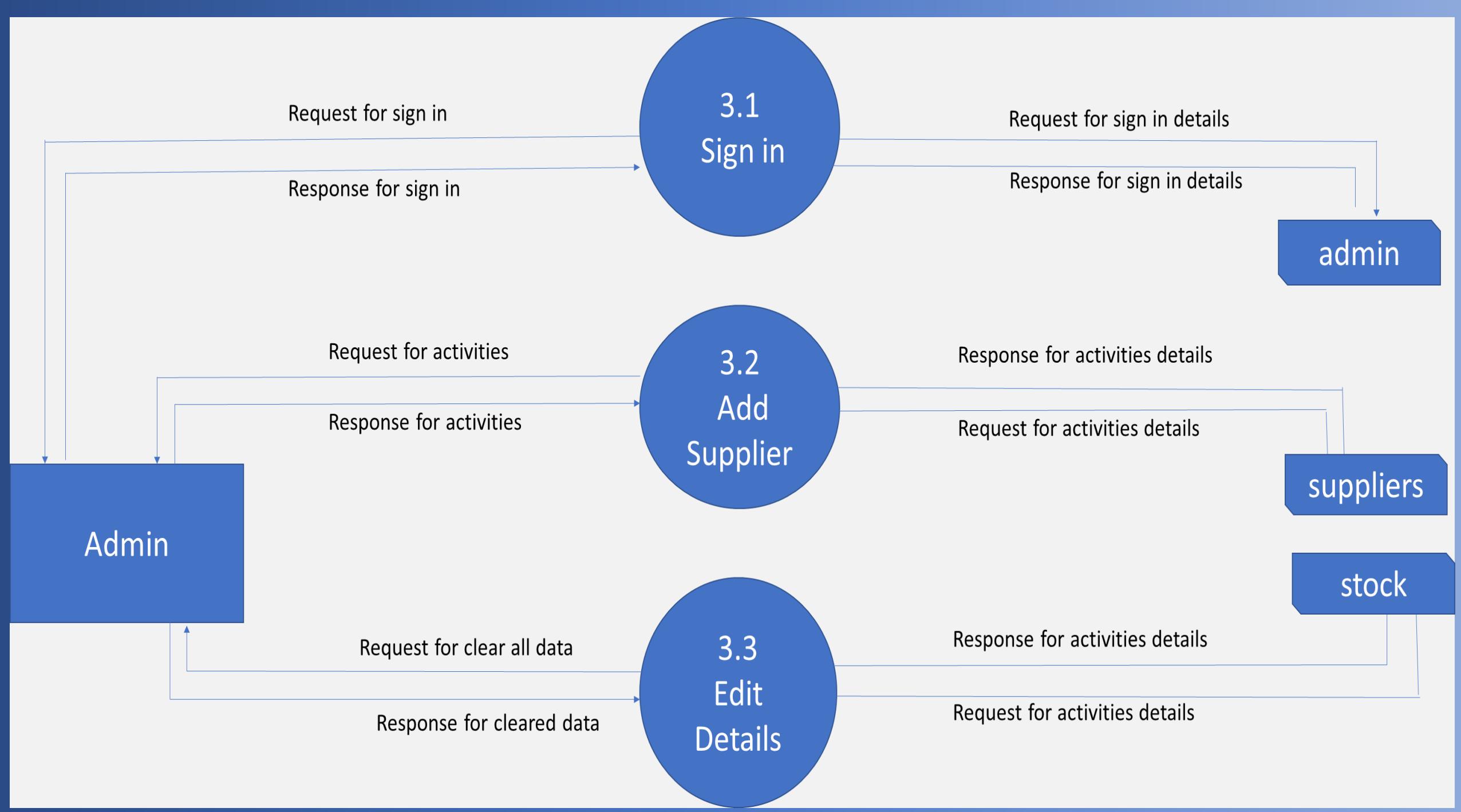


Customer details

2.0 Manage Customer

Customer details

In this process, Admin view and manages the data
in customer table

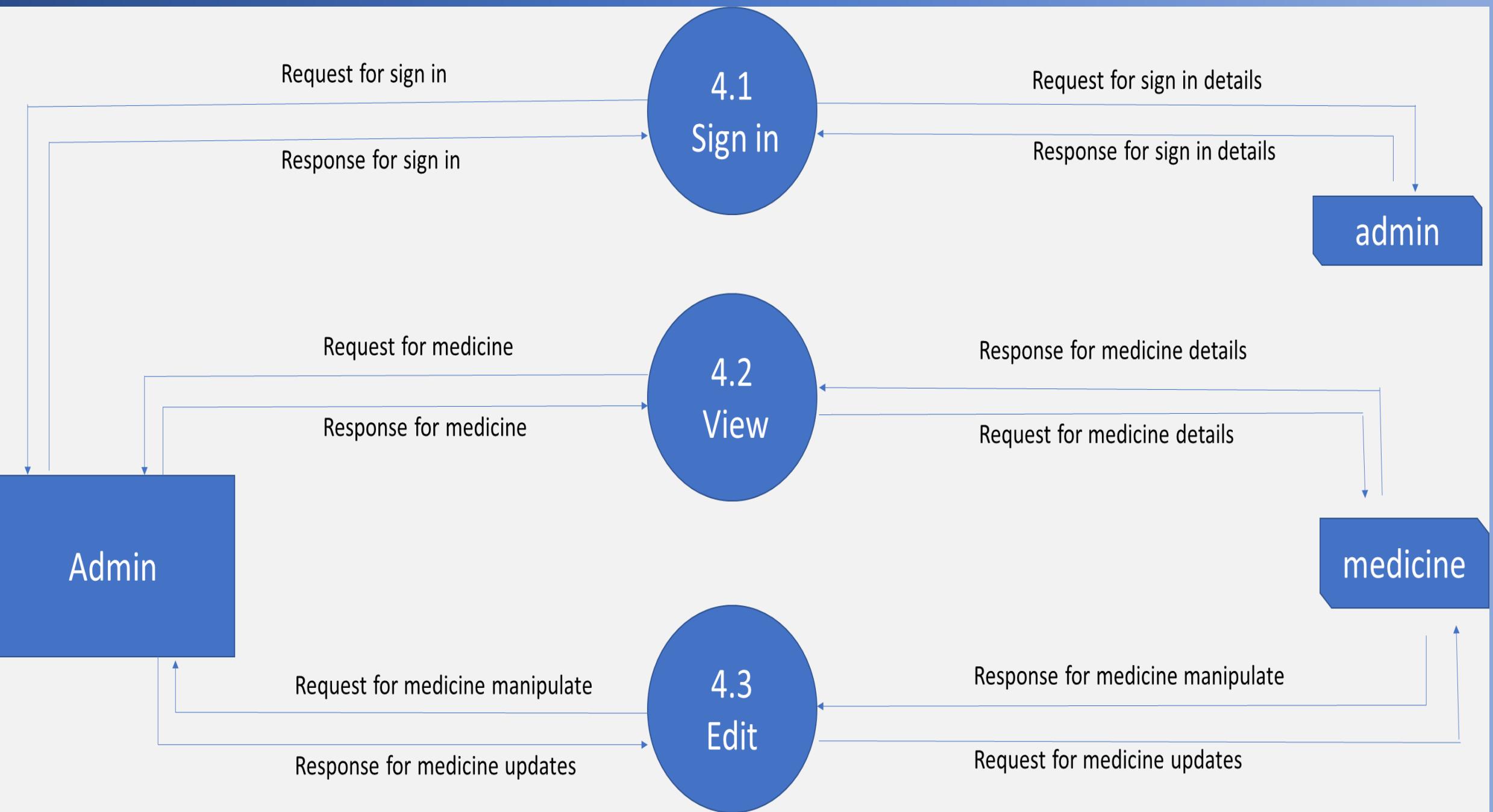


Supplier details

3.0 Manage Supplier

Supplierdetails

In this process, Admin view and update the supplier details in Supplier table

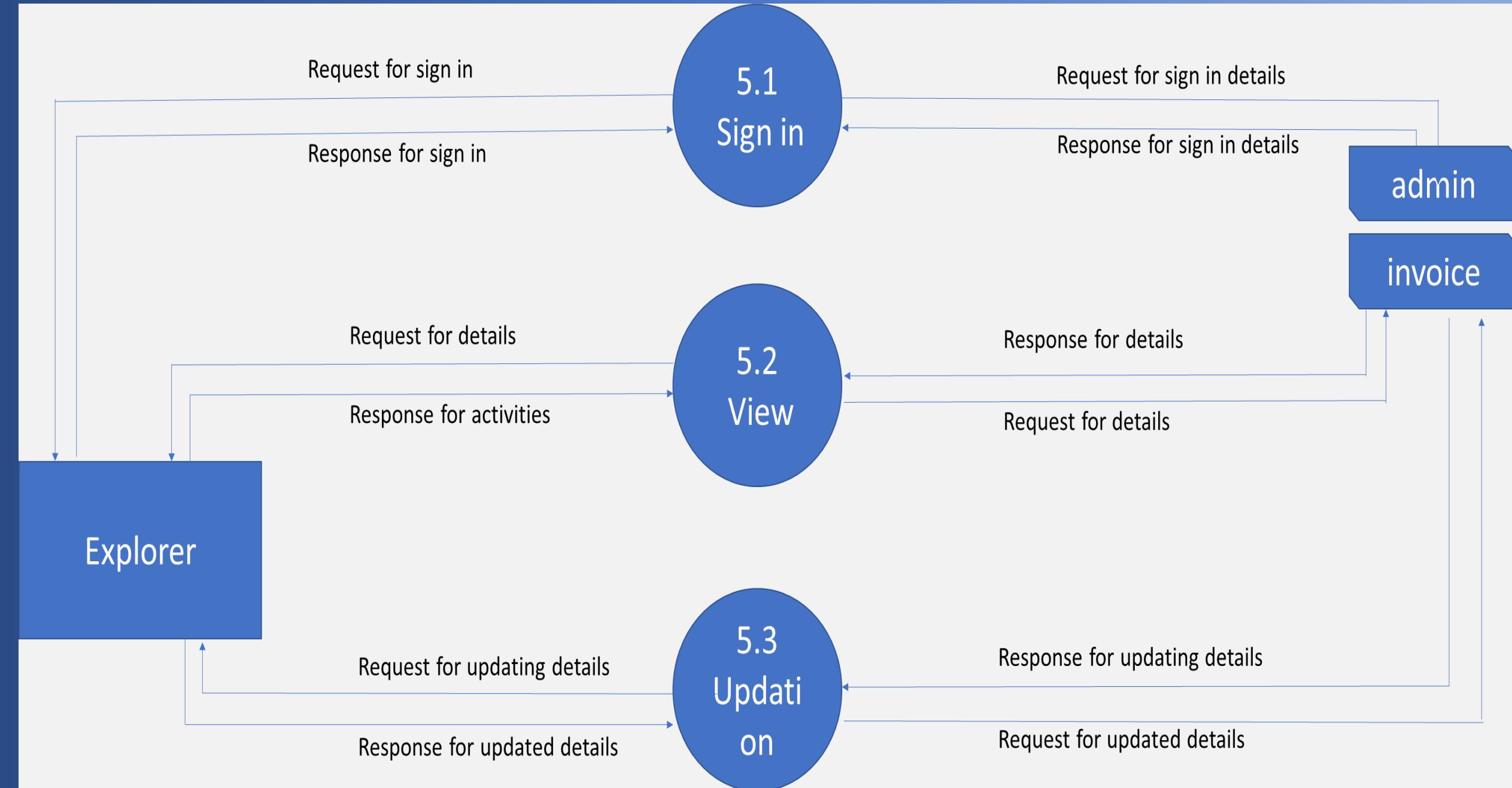


Medicine details

4.0 Manage Medicine

Medicine details

In this process, Admin delete and inserts data in medicine stocks table

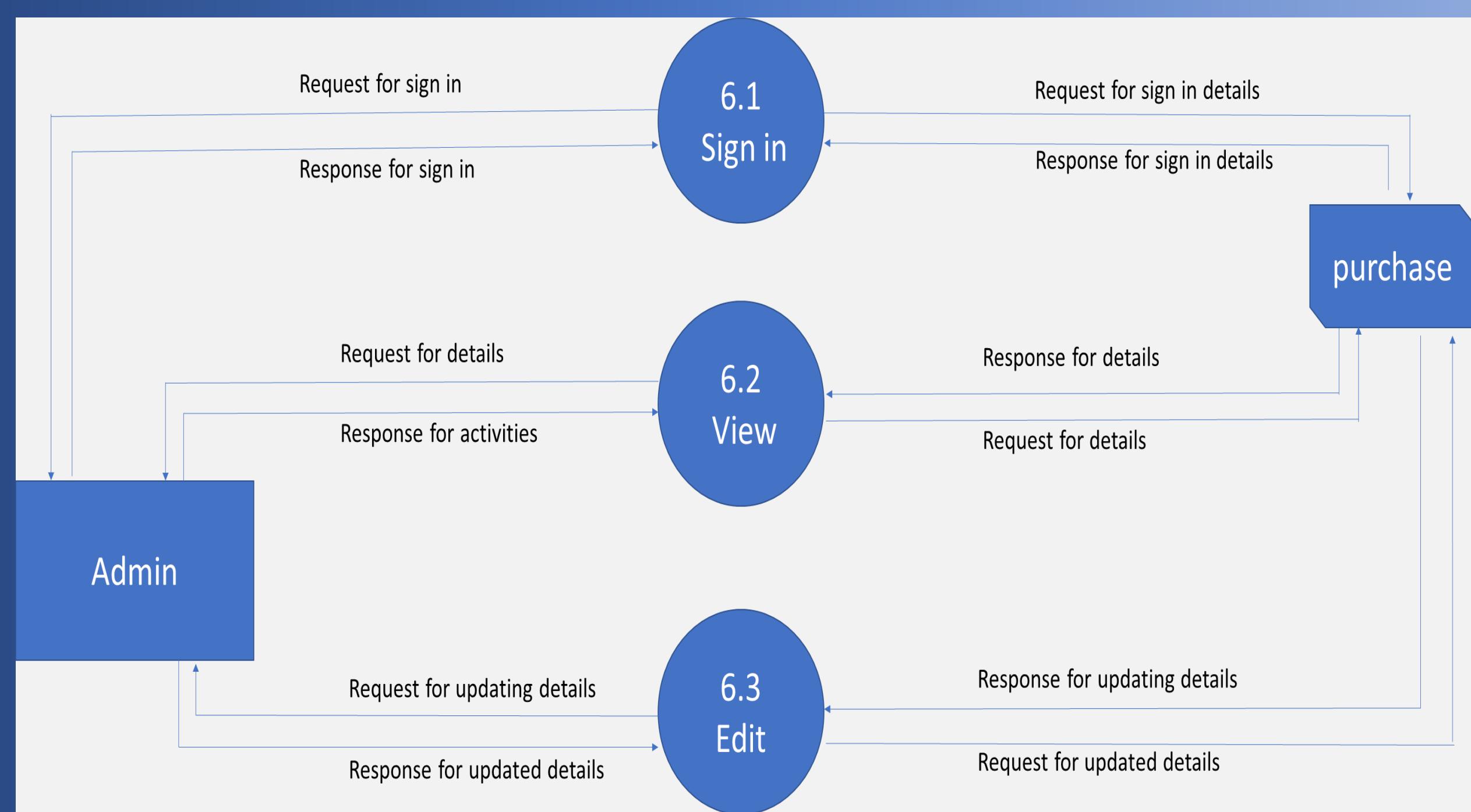


Invoice details

5.0 Manage Invoices

Invoice details

In this process, Admin add and manage the data in invoices table



Purchase details

6.0 Manage Purchase

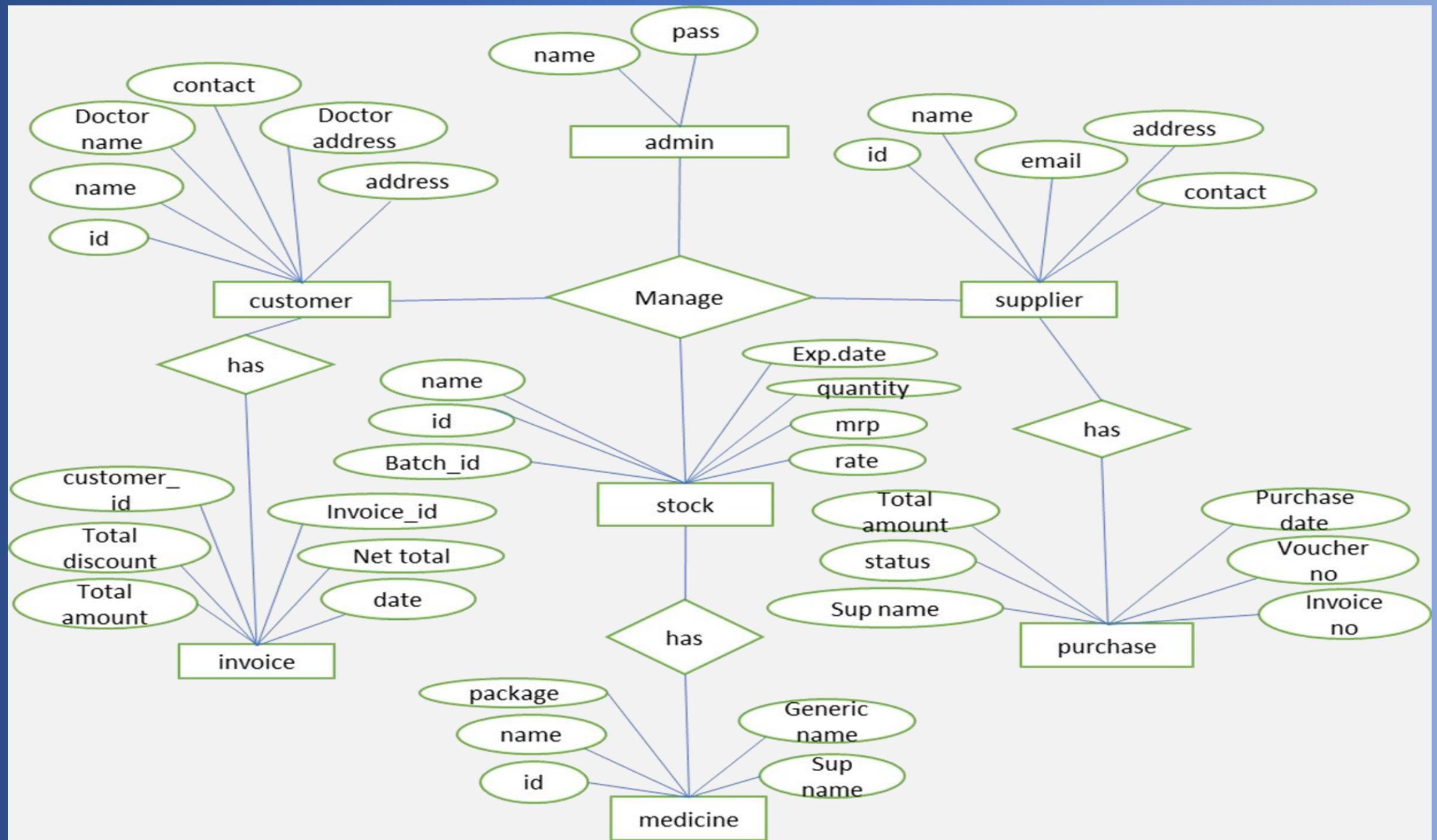
Purchase details

In this process, Admin add and manage the purchase details in purchases table



ER DIAGRAM

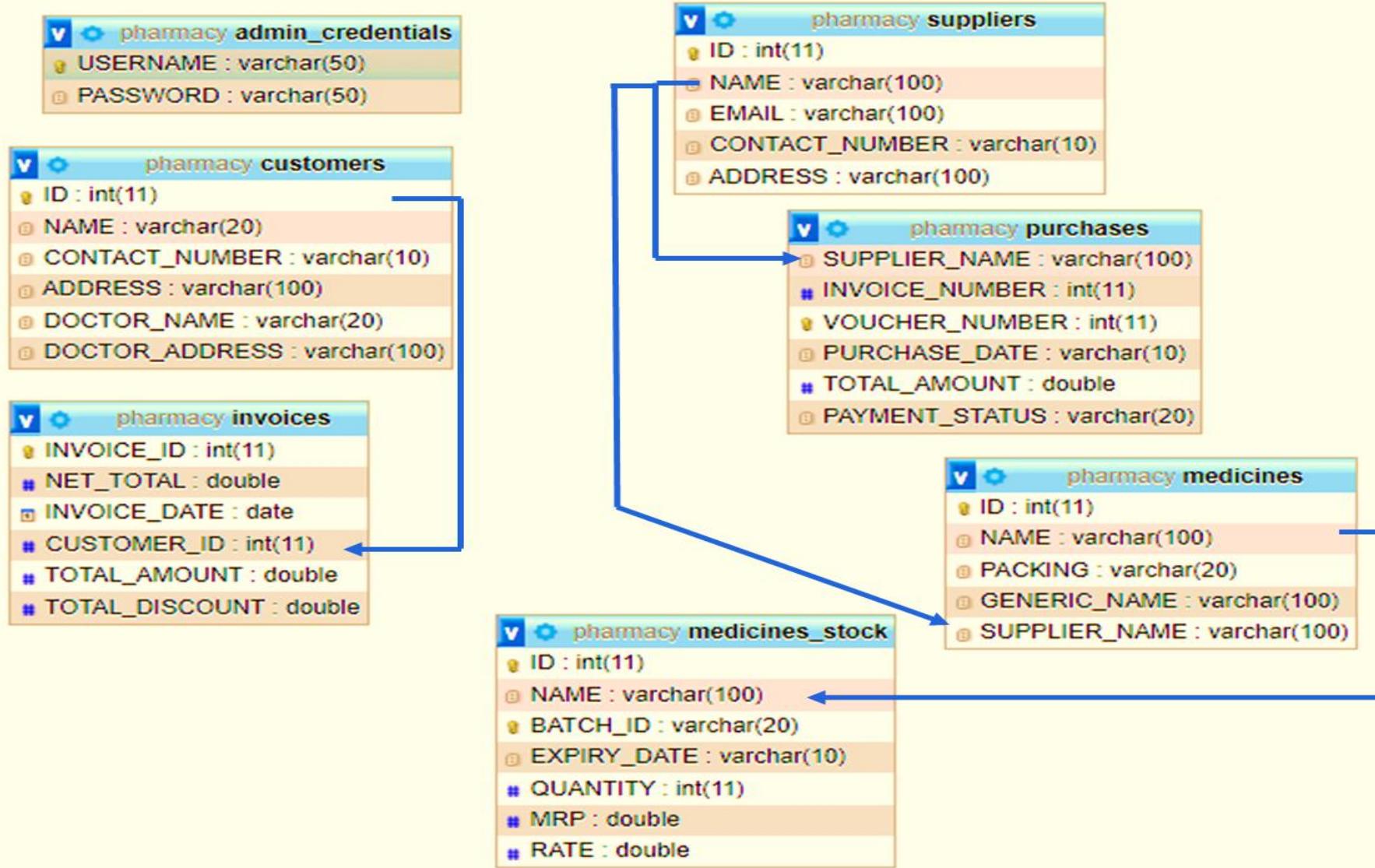






DATABASE DIAGRAM

DESIGN VIEW OF TABLES



DATA DESCRIPTION

ADMIN TABLE

Field No.	Field Name	Data Type	Size	Constraints	Description
1	USERNAME	nvarchar	50	Not Null	Name of the admin.
2	PASSWORD	nvarchar	50	Not Null	Password for user.

CUSTOMER TABLE

Field No.	Field Name	Data Type	Size	Constraints	Description
1	ID	int	11	Primary Key	ID of the Customer.
2	NAME	nvarchar	20	Not Null	Name of the Customer.
3	CONTACT	nvarchar	10	Not Null	Contact for Customer.
4	ADDRESS	nvarchar	100	Not Null	Address of Customer.
5	DOCTOR_NAME	nvarchar	20	Not Null	Name of Doctor.
6	DOCTORE_ADDRESS	nvarchar	100	Not Null	Address of Doctor.

SUPPLIER TABLE

Field No.	Field Name	Data Type	Size	Constraints	Description
1	ID	int	11	Primary Key	ID for supplier
2	NAME	nvarchar	100	Not Null	Name of supplier
3	EMAIL	Nvarchar	100	Not Null	Email of supplier
4	CONTACT	Nvarchar	10	Not Null	Contact of supplier
5	ADDRESS	nvarchar	100	Not Null	Address of supplier.

MEDICINE TABLE

Field No.	Field Name	Data Type	Size	Constraints	Description
1	ID	Int	11	Primary Key	ID for medicine
2	NAME	Nvarchar	100	Not Null	Medicine name
3	PACKING	Nvarchar	20	Not Null	Pack of medicines
4	GENERIC_NAME	Nvarchar	100	Not Null	Generic Name of Medicine
5	SUPPLIER_NAME	Nvarchar	100	Not Null	Supplier of medicine

STOCKS TABLE

Field No.	Field Name	Data Type	Size	Constraints	Description
1	id	int	11	Primary Key	Id for stock type.
2	name	nvarchar	100	Not Null	Name of medicine.
3	Batch_id	nvarchar	20	Unique Key	Id for medicine type.
4	Expire Date	Date		Not Null	Expiry date of medicine
5	Quantity	Int	11	Not Null	Quantity of stocks
6	Mrp	Double		Not Null	Price of medicine
7	rate	double		Not Null	Rate of medicine.

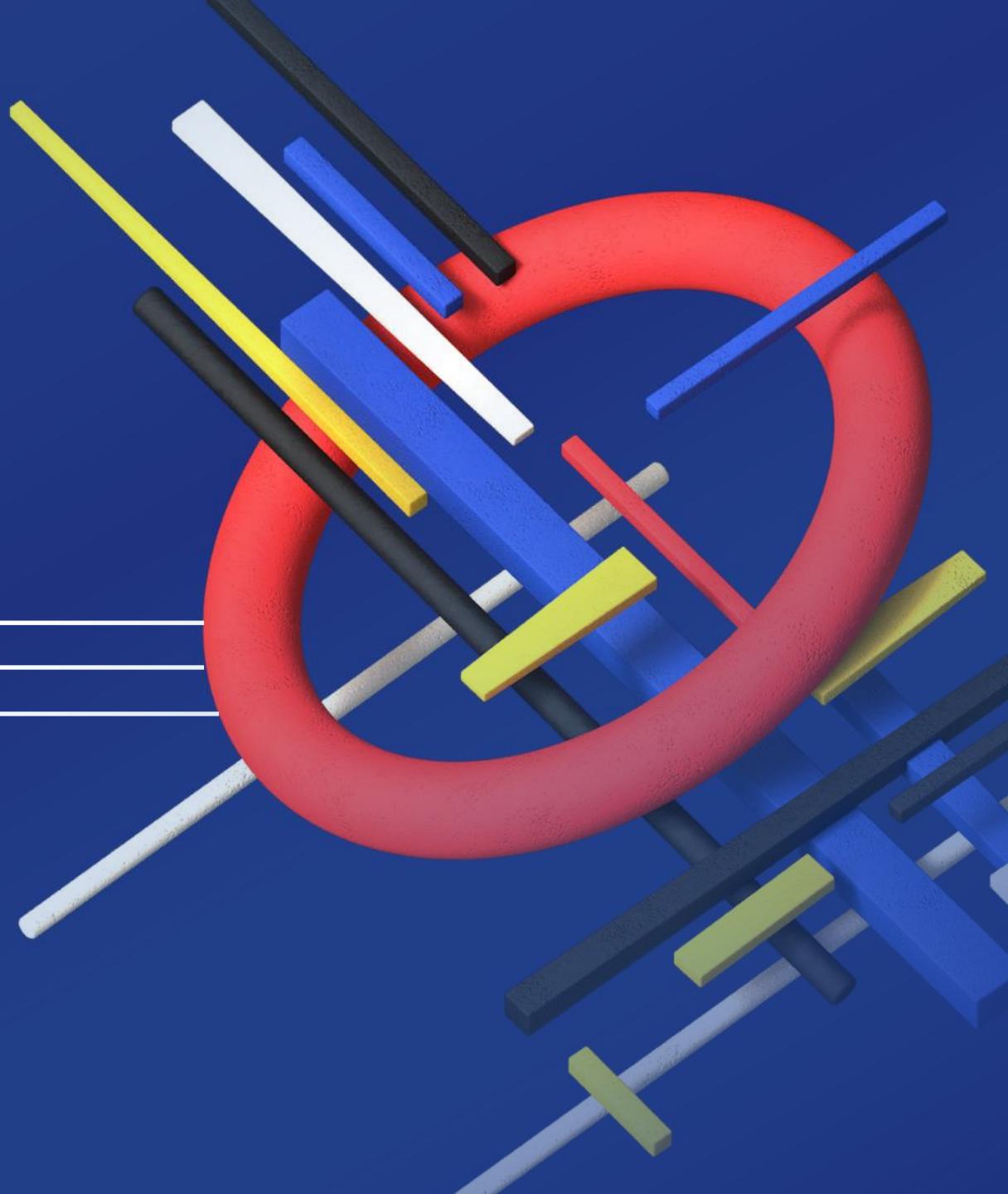
INVOICE TABLE

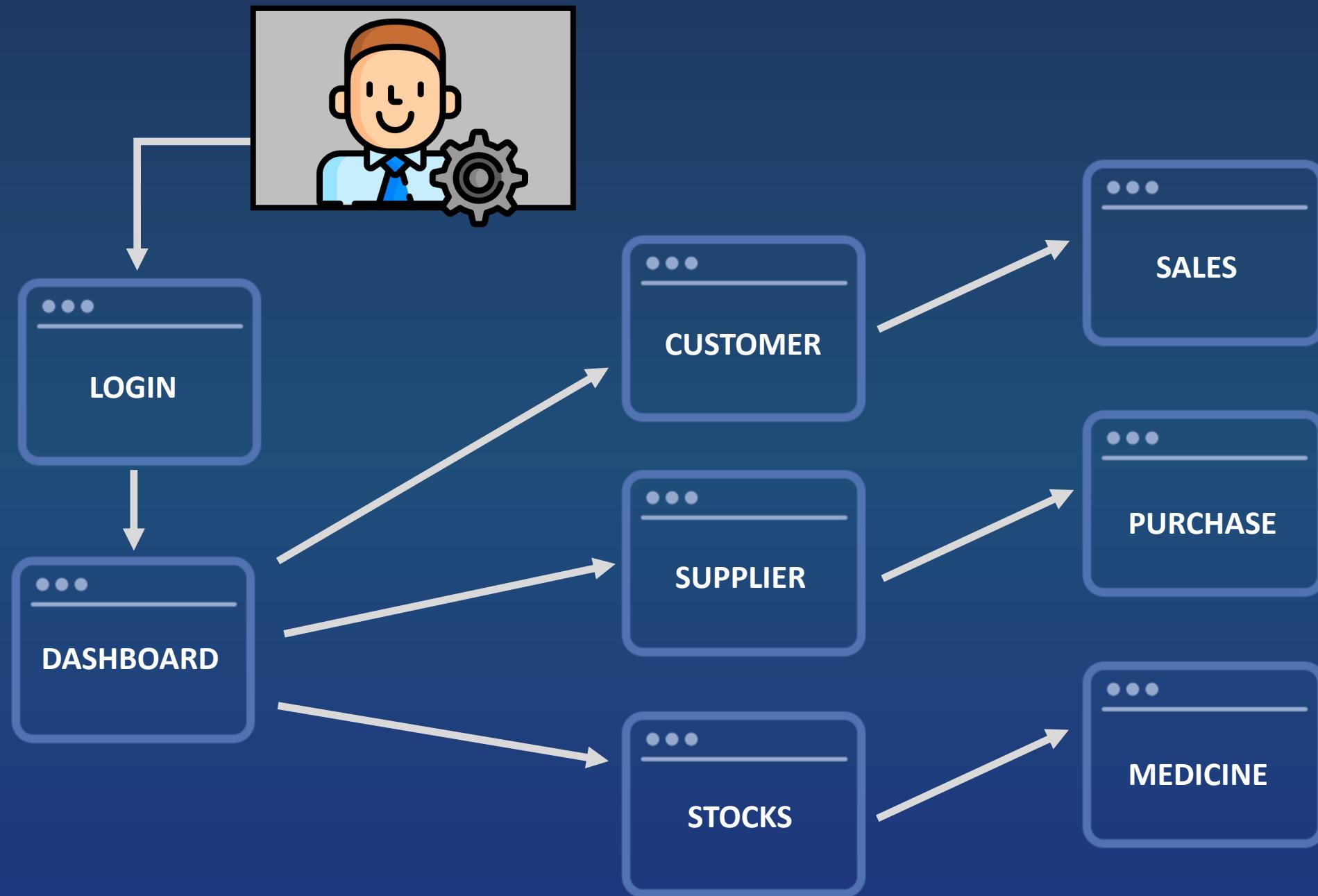
Field No.	Field Name	Data Type	Size	Constraints	Description
1	Invoice_id	int	11	Primary Key	Id for invoices
2	Net_total	double	-	Not Null	Purchased price
3	Invoice_date	date	-	Not Null	Date of invoice
4	Customer_id	int	11	Foreign Key	ID of customer
5	Total_amount	double	-	Not Null	Total amount to be paid
6	Total_discount	double	-	Not Null	Number clicked on links.

PURCHASE TABLE

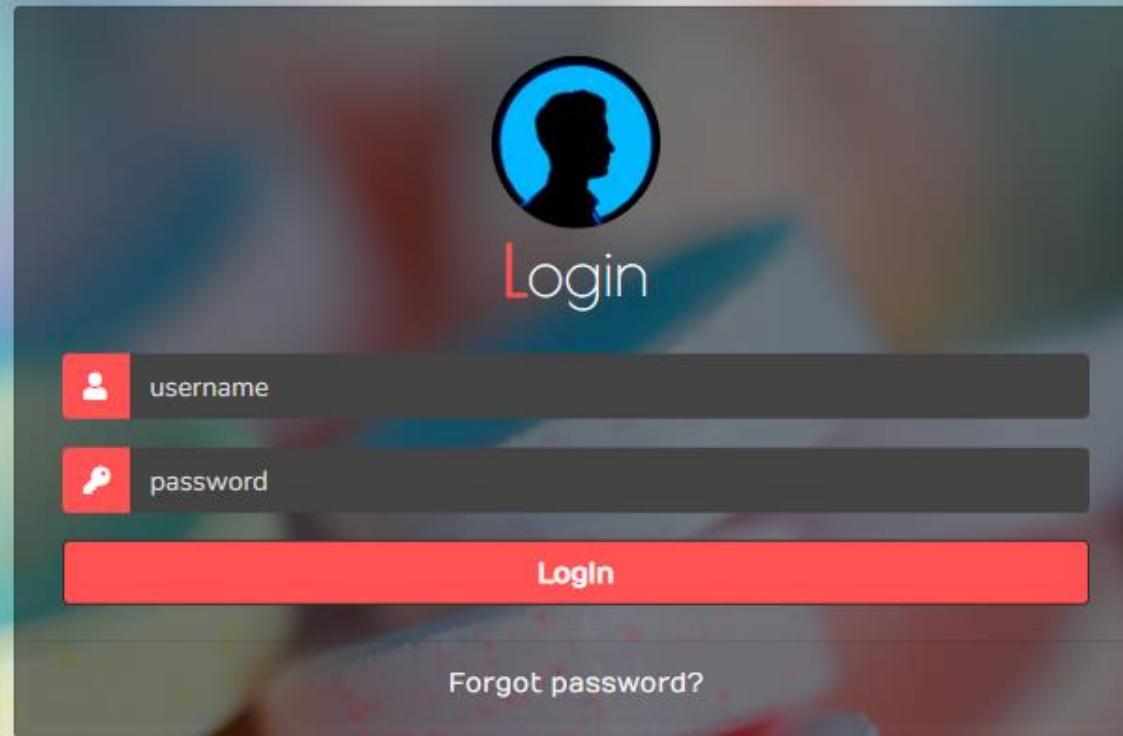
Field No.	Field Name	Data Type	Size	Constraints	Description
1	SUPLIER_NAME	Varchar	100	Not Null	Name of supplier
2	INVOICE_NUM BER	Int	11	Primary Key	Invoice number
3	VOUCHER_NUMBER	Int	11	Not Null	Name of voucher if applicable
4	PURCHASE_DATE	Varchar	10	Not Null	Date of purchased medicine.
5	TOTAL_AMOUNT	double	-	Not Null	Total amount to be paid
6	PAYMENT_STATUS	Varchar	20	Not Null	Status of payment.

SYSTEM UI





[Login page for Admin]



[Dashboard/Home page]



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

Dashboard

Home



5 ▲
Total Customer

16 ▲
Total Supplier

4 ▲
Total Medicine

1 ▲
Out of Stock

0 ▲
Expired

2 ▲
Total Invoice

Todays Report

Total Sales	Rs. 0
-------------	-------

Total Purchase	Rs. 0
----------------	-------



Create New Invoice



Add New Customer



Add New Medicine



Add New Supplier



Add New Purchase



Sales Report



Purchase Report

[Invoice page for New Invoice for Customer]



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

New Invoice

Create New Invoice



Customer Name :

Customer Name

Address :

Address

Invoice Number :

3

Payment Type :

Cash Payment

Date :

29-01-2022

New Customer

Contact Number :

Contact Number

Medicine Name

Batch ID

Ava.Qty.

Expiry

Quantity

MRP

Discount(%) Total

Action

Select Medicine

0

0

+ -

Total Amount:

0

Total Discount :

0

Net Total :

0

Save

Paid Amount :

Change :



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

Manage Invoice

Manage Existing Invoice



Search :

By Invoice Nuber

By Customer Name

By Invoice Date :

dd-mm-yyyy



SL.	Invoice No	Customer Name	Date	Total Amount	Total Discount	Net Total	Action
1	1	Prakash Bhattarai	2021-10-19	30	0	30	
2	2	Aditya	2021-10-19	2626	0	2626	



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

Add Customer

Add New Customer



Customer Name :

Contact Number :

Address :

Doctor's Name :

Doctor's Address :

ADD



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

Manage Customer

Manage Existing Customer

Search :

SL.	Customer ID	Customer Name	Contact Number	Address	Doctor's Name	Doctor's Address	Action
1	4	Kiran Suthar	1234567690	Andheri East	Anshari	Andheri East	
2	6	Aditya	7365687269	Virar West	Xyz	Virar West	
3	11	Shivam Tiwari	6862369896	Dadar West	Dr Kapoor	Dadar East	
4	13	Varsha Suthar	7622369694	Rani Station	Dr Ramesh	Rani Station	
5	14	Prakash Bhattarai	9802851472	Pokhara-16, Dhikidada	Hari Bahadur	Matepani-12	



Pharmex

Dashboard

Invoice

Customer

Medicine

Add Medicine

Manage Medicine

Manage Medicine Stock

Supplier

Purchase

Report

Search



Add Medicine

Add New Medicine



Medicine Name :

Packing :

Generic Name :

Supplier :

+Add New Supplier

ADD



Pharmex

Manage Medicines

Manage Existing Medicine



Search :

By Medicine Name

By Generic Name

By Supplier Name

SL.	Medicine Name	Packing	Generic Name	Supplier	Action
1	Nicip Plus	10tab	Paracetamole	BDPL PHARMA	
2	Crosin	10tab	Hdsgvkvajkcbja	Kiran Pharma	
3	Dolo 650	15tab	paracetamole	BDPL PHARMA	
4	Gelusil	10tab	mint fla	Desai Pharma	



Pharmex

Dashboard

Invoice

Customer

Medicine

Add Medicine

Manage Medicine

Manage Medicine Stock

Supplier

Purchase

Report

Search

Manage Medicines Stock

Manage Existing Medicine Stock



Search :

By Medicine Name

By Generic Name

By Supplier Name

Out of Stock

Expired



SL.	Medicine Name	Packing	Generic Name	Batch ID	Ex. Date (mm/yy)	Supplier	Qty.	M.R.P.	Rate	Action
1	Crosin	10tab	Hdsgvkvajkcbja	CROS12	12/34	Kiran Pharma	2	2626	26	
2	Gelusil	10tab	mint fla	G327	12/42	Desai Pharma	0	15	12	
3	Dolo 650	15tab	paracetamole	DOLO327	01/23	BDPL PHARMA	3	30	24	
4	Nicip Plus	10tab	Paracetamole	NI325	05/22	BDPL PHARMA	3	32.65	28	



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Add Supplier

Manage Supplier

Purchase

Report

Search



Add Supplier

Add New Supplier



Supplier Name :

Supplier Email :

Supplier Contact Number :

Supplier Address :

ADD

[Managing Existing Suppliers]



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

Manage Supplier

Manage Existing Supplier



Search :

SL	ID	Name	Email	Contact Number	Address	Action
1	1	Desai Pharma	desai@gmail.com	9948724242	Mahim East	
2	2	BDPL PHARMA	bdpl@gmail.com	8645632963	Santacruz West	
3	9	Kiran Pharma	kiranpharma@gmail.com	7638683637	Andheri East	
4	10	Rsrnnrndnn	ydj	3737355538	3fndfndndfnfdndfn	
5	11	Dfnsfndfndf	fnsn	5475734385	Ndnss4yrhrhdhrdhrh	
6	12	SS Distributors	ssdis@gamil.com	3867868752	Matunga West	
7	13	Avceve	ehh	3466626226	Eteh266266262	
8	14	Hrshrhrjher	dzgdg	4636347335	Rhrswjrnswn	
9	15	Hmrxfmtmt	trmtrm.qm.tr	6553838835	38eitditdxetidt	

[Adding New Purchases]



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

Add Purchase

Add New Purchase



Supplier :

Invoice Number :

Payment Type :

Date :

+ Add New Supplier

Medicine Name	Packing	Batch ID	Ex. Date (mm/yy)	Quantity	MRP	Rate	Amount	Action
---------------	---------	----------	---------------------	----------	-----	------	--------	--------

If new medicine, generic name

:

Grand Total :

ADD



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

Manage Purchase

Manage Existing Purchase



Search :

By Voucher Number

By Supplier Name

By Invoice

By Purchase Date :

dd-mm-yyyy



DUE



SL.	Voucher Number	Supplier Name	Invoice Number	Purchase Date	Total Amount	Payment Status	Action
-----	----------------	---------------	----------------	---------------	--------------	----------------	--------



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Sales Report

Purchase Report

Search

Sales Report

Showing Sales Report



Start Date :

dd-mm-yyyy



End Date :

dd-mm-yyyy



SL	Sales Date	Invoice Number	Customer Name	Total Amount
1	2021-10-19	1	Prakash Bhattacharai	30
2	2021-10-19	2	Aditya	2626
Total Sales =				2656

Print



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Sales Report

Purchase Report

Search

Purchase Report

Showing Purchase Report



Start Date :

dd-mm-yyyy



End Date :

dd-mm-yyyy



SL	Purchase Date	Voucher Number	Invoice No	Supplier Name	Total Amount
					Total Purchases = 0

Print



Pharmex

Dashboard

Invoice

Customer

Medicine

Supplier

Purchase

Report

Search

Change Passowrd

Set New Password



Old Password :

New Password :

Confirm New Password :

Reset

LIMITATIONS :

- It works only under access of Computer Device.
- Training required.
- Further updating are not easy.
- Security Challenges.
- Data Management on System required.
- Transactions are in offline mode.
- Tracking of offline Transactions in system.



The background features a dark blue gradient with white, thin-lined geometric shapes. These shapes include a large parallelogram on the left, a trapezoid at the top center, and several rectangles of varying sizes on the right. A small yellow bar is positioned near the center. The overall aesthetic is clean and modern.

Future Scopes & Chellanges

FUTURE ENHANCEMENT:

- Improving Security System.
- Built-in Transaction System.
- Improving Data Validation & Non-Redundancy.
- Tracking of Sales & Transactions.
- Statistics Analyses.

Références



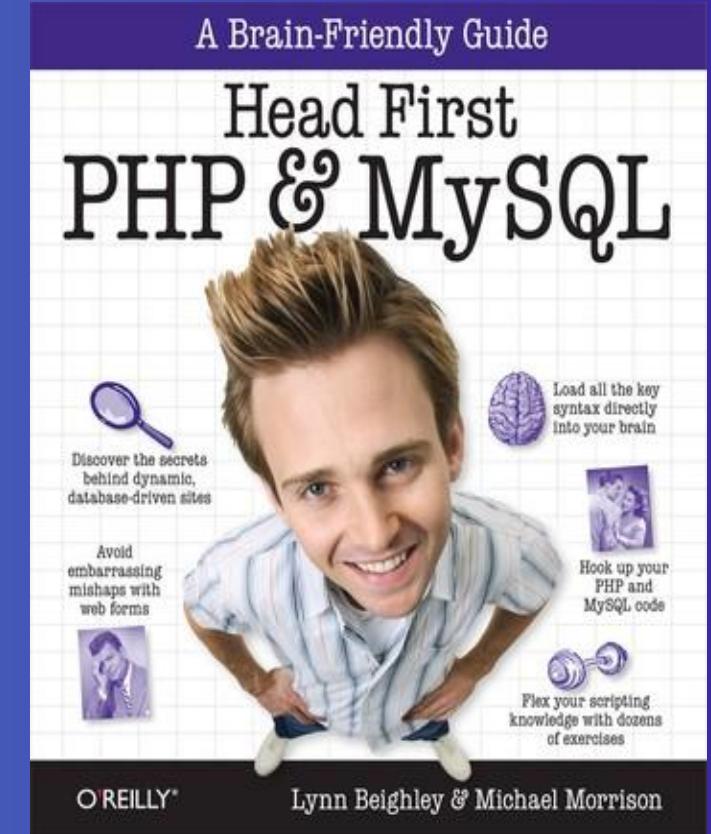
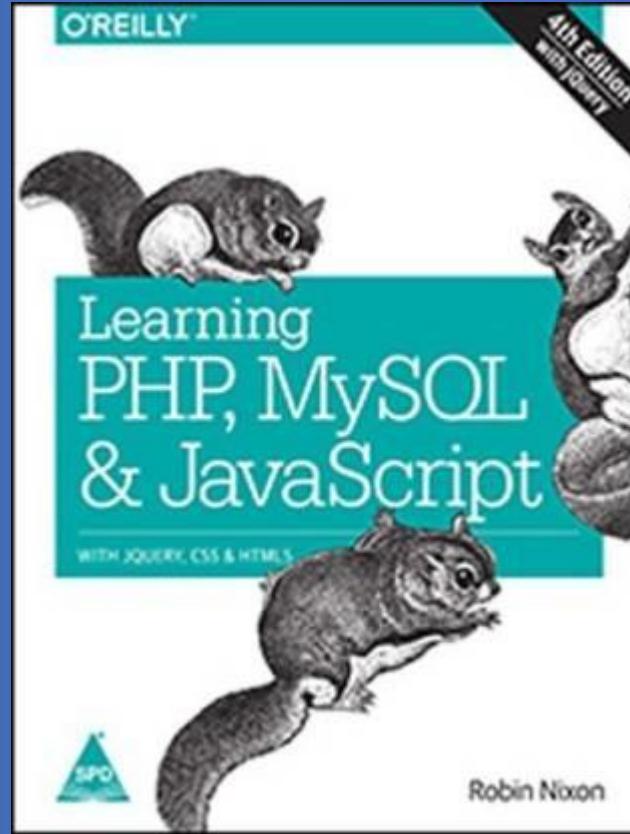
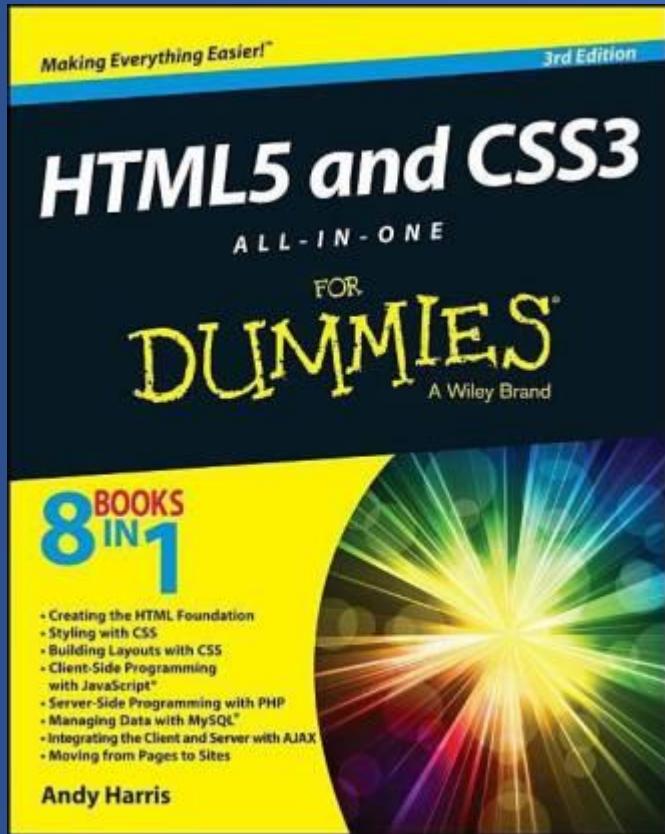
WEBOGRAPHY :



WIKIPEDIA



Bibliography :



THANKS YOU

**ONE WHO WILL FOR SERVE
THOSE ONE WILL
REMAINS EVER !**