

# 1.Data Base Management System Project

## Pharmacy Inventory Management System

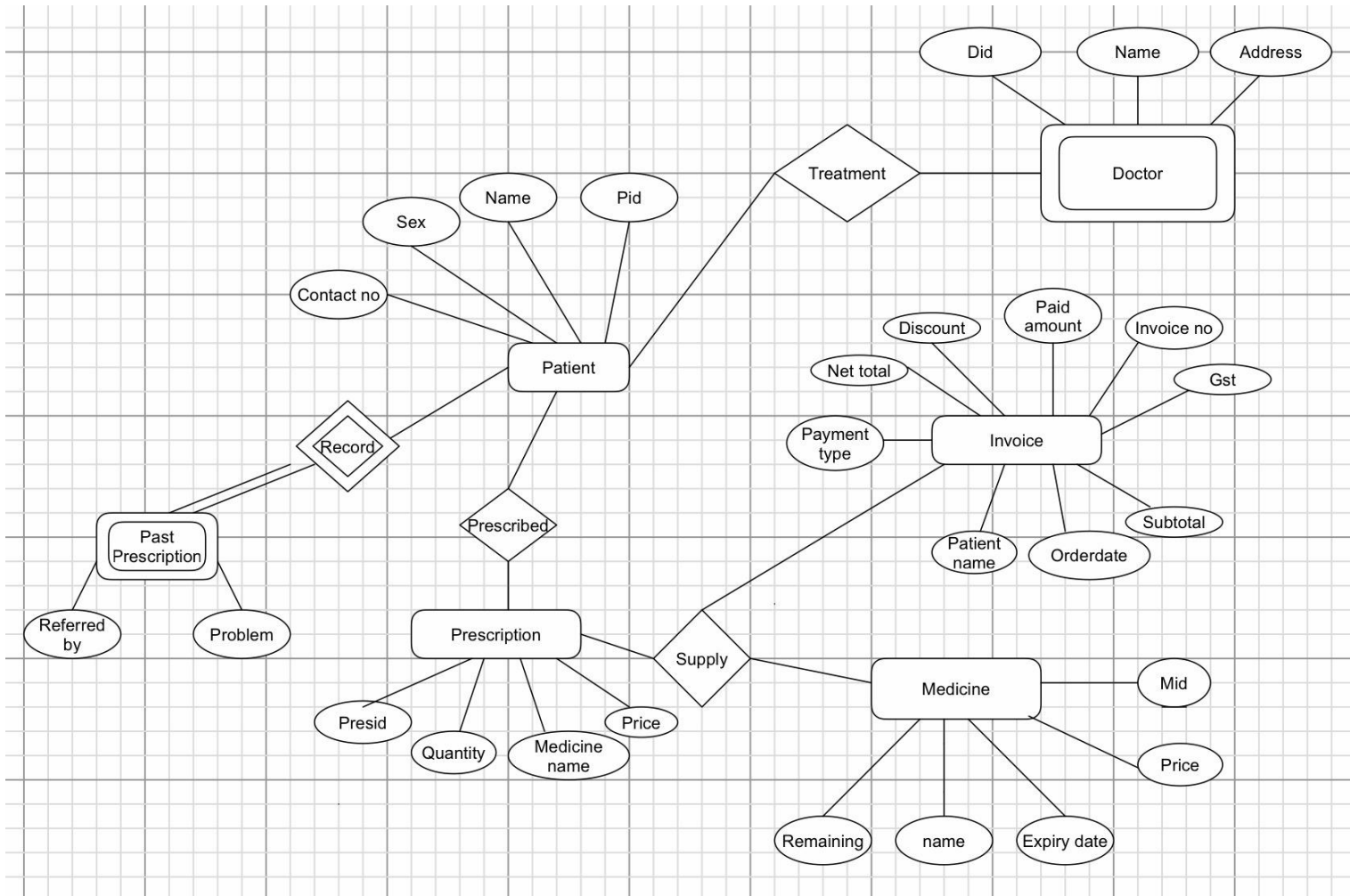
**Objective:** A data base managing system in form of a website for local pharmacy.

**Feature Incorporated:**

- It is seen usually the pharmacy keepers find real problem in keeping a real time count of the medicine stock because of the variety of the medicines. A database holding the real time count of the stock can really be of help.
- Then there is another issue of the right validity of medicines as different medicines expire in different period of time because of which the pharmacies face real loss.
- It is also seen that for minor problems the localities consult the doctor at the pharmacy itself for cure.
- Bigger hospitals also refer different pharmacies for medicines that are not available in their pharmacies. So, the pharmacy can gain profit if the hospital or third party can easily view medicines available by the pharmacy or could book orders online.
- Medicine receipt loss and doctor referral and appointment is also an issue. To overcome this, a personal login pages for customers to handle their data would of great help.

Incorporating the solutions to the above problems in one webpage by the view point of the pharmacy so as to help by business point of view, increase costumer reliability and rate. The web page shall handle a lot of data base at a time to easing the work of the pharmacy owner.

## 2.ER Model Diagram



### 3.Un-normalised Table

**Doctor**

<u>Did</u>	Name	Address

**Past Prescription**

Reffered by	Problem	PId

**Patient**

<u>PId</u>	Name	Contact no	Sex

**Prescription**

<u>PresId</u>	Quantity	Medicine Name	Price

**Medicine**

<u>MId</u>	Price	Expire date	Name	Remaining

**Treatment**

<u>DId</u>	<u>PId</u>

**Supply**

<u>PresId</u>	<u>MId</u>	<u>Invoiceno</u>

**Prescribed**

<u>PId</u>	<u>PresId</u>

**Invoice**

<u>Invoiceno</u>	NetTotal	PaidAmount	Discount	PaymentType	GST	Subtotal	OrderDate	PatientName

## 4.Normalised Table

- No multivalued attribute
- No partial dependency
- 3NF criterion is fulfilled
- Initially 3NF criterion was satisfied for all tables except table “Invoice” so we normalised it

**Doctor**

<u>Did</u>	Name	Address

**Past Prescription**

Reffered by	Problem	PId

**Patient**

<u>PId</u>	Name	Contact no	Sex

**Prescription**

<u>PresId</u>	Quantity	Medicine Name	Price

**Medicine**

<u>MId</u>	Price	Expire date	Name	Remaining

**Supply**

<u>PresId</u>	<u>MId</u>	<u>Invoiceno</u>

**Treatment**

<u>DId</u>	<u>PId</u>

**Prescribed**

<u>PId</u>	<u>PresId</u>

**Patient Billing Details**

PId	Pname	Gst

**Invoice**

InvoiceNo.	OrderDate	PId	PmtId

**Payment Details**

PmtId	Subtotal	Discount	NetTotal	Paid Amount	PaymentType

## 5.Snapshot of front-end

### Login Page

The screenshot shows a web browser window with the address bar displaying 'localhost/new/'. The page title is 'Inventory System' and the navigation bar includes a 'Home' link. The main content area features a 'Log-In' form with a header image of two blue silhouettes. The form includes fields for 'Email address' (with a placeholder 'Enter email') and 'Password'. Below the password field are two buttons: 'Login' and 'Register'. A link for 'Forgot Password ?' is located at the bottom of the form. The browser's taskbar at the bottom shows various application icons and the system clock indicating 10:05 PM on 05-05-2019.

Inventory System Home

**Log-In**

Email address

Enter email

We'll never share your email with anyone else.

Password

Password

Login Register

Forgot Password ?

The screenshot shows the 'Inventory System' Admin Dashboard. The navigation bar includes 'Home' and 'Logout' links. The dashboard is divided into several sections: 'Profile Info' on the left with a user silhouette and a green checkmark, displaying the name 'nikhil' and role 'Admin'; a 'Welcome Admin,' section with a clock; a 'New Orders' section with a description 'Here you can make invoices and create new orders' and a 'New Orders' button; and three bottom sections: 'Doctors' (with 'Add' and 'Manage' buttons), 'Patients' (with 'Add' and 'Manage' buttons), and 'medicine' (with 'Add' and 'Manage' buttons). Each bottom section has a brief description of its function. The browser's taskbar at the bottom shows various application icons and the system clock indicating 10:04 PM on 05-05-2019.

Inventory System Home Logout

**Profile Info**

nikhil

Admin

**Welcome Admin,**

**New Orders**

Here you can make invoices and create new orders

New Orders

**Doctors**

Here you can manage Doctors

Add Manage

**Patients**

Here you can manage and add new Patient

Add Manage

**medicine**

Here you can manage medicine

Add Manage

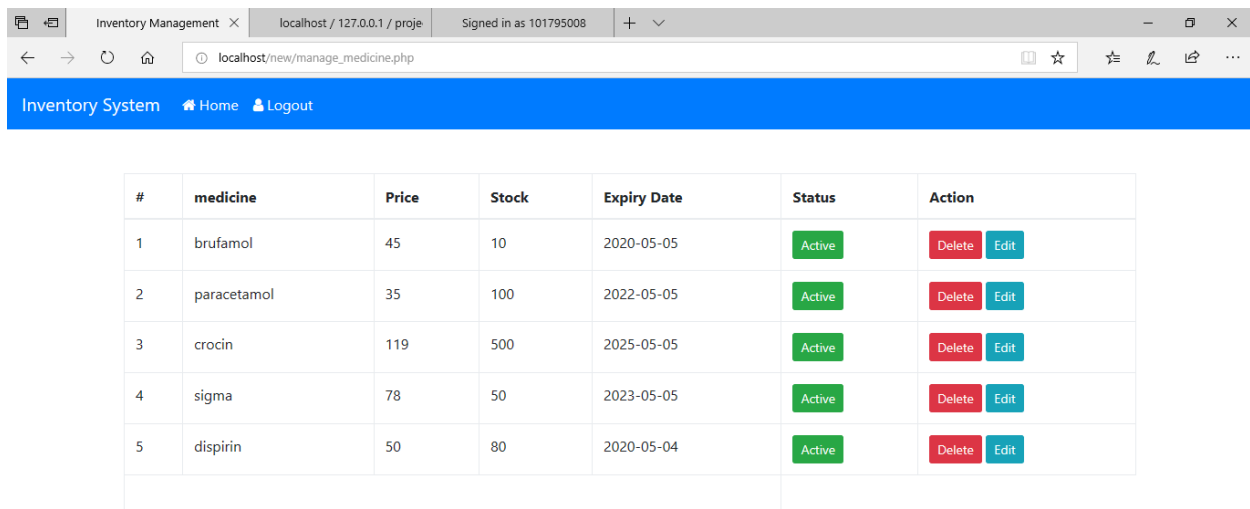
## Adding and managing doctors

## Adding and managing patient

Inventory System Home Logout

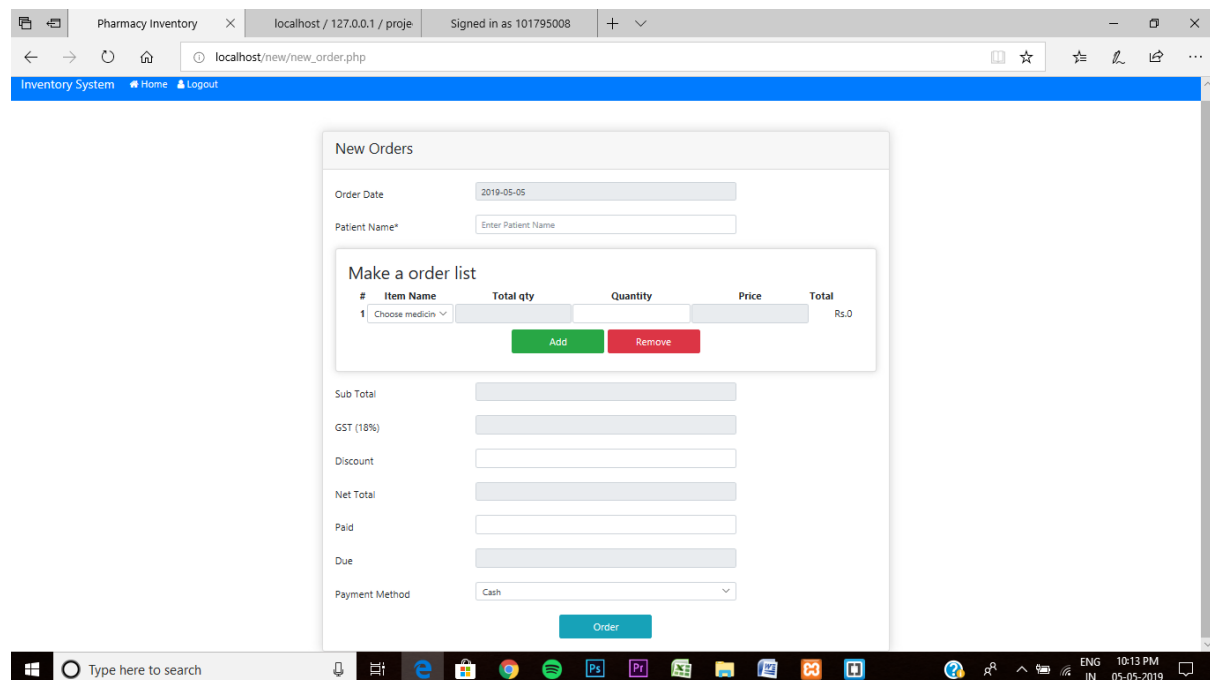
#	patient Name	sex	Problem	contact	referred by	Action
1	asdasfasd	f	stomach ache	<a href="#">1234567890</a>	8	Delete
2	akshat	m	headache	<a href="#">1234567890</a>	11	Delete
3	qwerty	m	eye flu	<a href="#">1234567890</a>	8	Delete

## Adding and Managing medicines



#	medicine	Price	Stock	Expiry Date	Status	Action
1	brufamol	45	10	2020-05-05	Active	Delete Edit
2	paracetamol	35	100	2022-05-05	Active	Delete Edit
3	crocin	119	500	2025-05-05	Active	Delete Edit
4	sigma	78	50	2023-05-05	Active	Delete Edit
5	dispirin	50	80	2020-05-04	Active	Delete Edit

## Invoice Section



New Orders

Order Date: 2019-05-05

Patient Name\*: Enter Patient Name

Make a order list

#	Item Name	Total qty	Quantity	Price	Total
1	Choose medicine				Rs.0

Add Remove

Sub Total:

GST (18%):

Discount:

Net Total:

Paid:

Due:

Payment Method: Cash

Order

## 6.Front-end Back-end connectivity code

Constants.php

```
<?php
session_start();

define("HOST","localhost");

define("USER","root");

define("PASS","");

define("DB","project_inv");

define("DOMAIN","http://localhost/new");

?>
```

Db.php

```
<?php

class Database
{
    private $con;

    public function connect(){

        include_once("constants.php");

        $this->con = new Mysqli(HOST,USER,PASS,DB);

        if ($this->con) {

            return $this->con;

        }

        return "DATABASE_CONNECTION_FAIL";

    }

}







?>
```








## 7.Query output snapshot

### Doctor query output










+ Options

			did	Doctor_name	Address	status	parent_cat	
<input type="checkbox"/>	 Edit	 Copy	 Delete	8	nikhil	sirsa	1	0
<input type="checkbox"/>	 Edit	 Copy	 Delete	11	akshat	patiala	1	0

 ☐ Check all    With selected:  Edit    Copy    Delete    Export
















### Patient query output

+ Options

			pid	patient_name	sex	problem	contact	did	
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	asdasfasd	f	stomach ache	<a href="#">1234567890</a>	8
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	akshat	m	headache	<a href="#">1234567890</a>	11
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	qwerty	m	eye flu	<a href="#">1234567890</a>	8

### Medicine query output

+ Options

<div><div>←</div><div>→</div></div>		mid	medicine_name	medicine_price	product_stock	date	1	p_status
<div><div><input type="checkbox"/></div><div> Edit</div><div> Copy</div><div> Delete</div></div>		8	crocin	119	500	2025-05-05		1
<div><div><input type="checkbox"/></div><div> Edit</div><div> Copy</div><div> Delete</div></div>		9	sigma	78	50	2023-05-05		1
<div><div><input type="checkbox"/></div><div> Edit</div><div> Copy</div><div> Delete</div></div>		7	paracetamol	35	100	2022-05-05		1
<div><div><input type="checkbox"/></div><div> Edit</div><div> Copy</div><div> Delete</div></div>		6	brufamol	45	10	2020-05-05		1
<div><div><input type="checkbox"/></div><div> Edit</div><div> Copy</div><div> Delete</div></div>		10	dispirin	50	80	2020-05-04		1

### Invoice query output

+ Options

invoice\_no

customer\_name

order\_date

sub\_total

gst

discount

net\_total

paid

due

payment\_type

24

akshta

2019-05-05

565

101.7

50

616.7

616.7

0

Cash

Check all

With selected:













Edit

Copy

Delete

Export

### Prescription query output

+ Options			presid	medicine_name	price	qty
<input type="checkbox"/>	 Edit  Copy  Delete		1	paracetamol	35	1
<input type="checkbox"/>	 Edit  Copy  Delete		2	paracetamol	35	1
<input type="checkbox"/>	 Edit  Copy  Delete		3	brufamol	45	1
<input type="checkbox"/>	 Edit  Copy  Delete		4	sigma	78	1