

# DSRS OF PMS

## Pharmacy Management System

*"Our Aim is to provide users with the best responsive Pharmacy system which is designed to improve accuracy and to enhance safety and efficiency in the pharmaceutical store. It is a computer-based system which helps the pharmacist to improve inventory management."*

## SUBMITTED BY

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## 1. SOFTWARE / DATABASE NAME

### **Software Name:**

The name of the software Pharmacy Management System (**PMS**).

### **Database Name:**

The name of database of this Pharmacy Management System is WebApp. Basically, this was developed on local host server of php admin panel. This database includes the column of stock of medicines, quantity, batch, manufacture date, expiry date, price and medicine names. This Management System include the buttons of addition and deletion of medicines for the customer from their end.

## 2. SOFTWARE VERSION

### **Release Date:**

Pharmacy Management System was released in last year on 12/Feb/2020.

### **Vendors Name:**

The vendors of this software are:

- i. Zohan Zafar.
- ii. Usama Ali.
- iii. Abdul Wahab Rauf.
- iv. M. Sameer Asad.

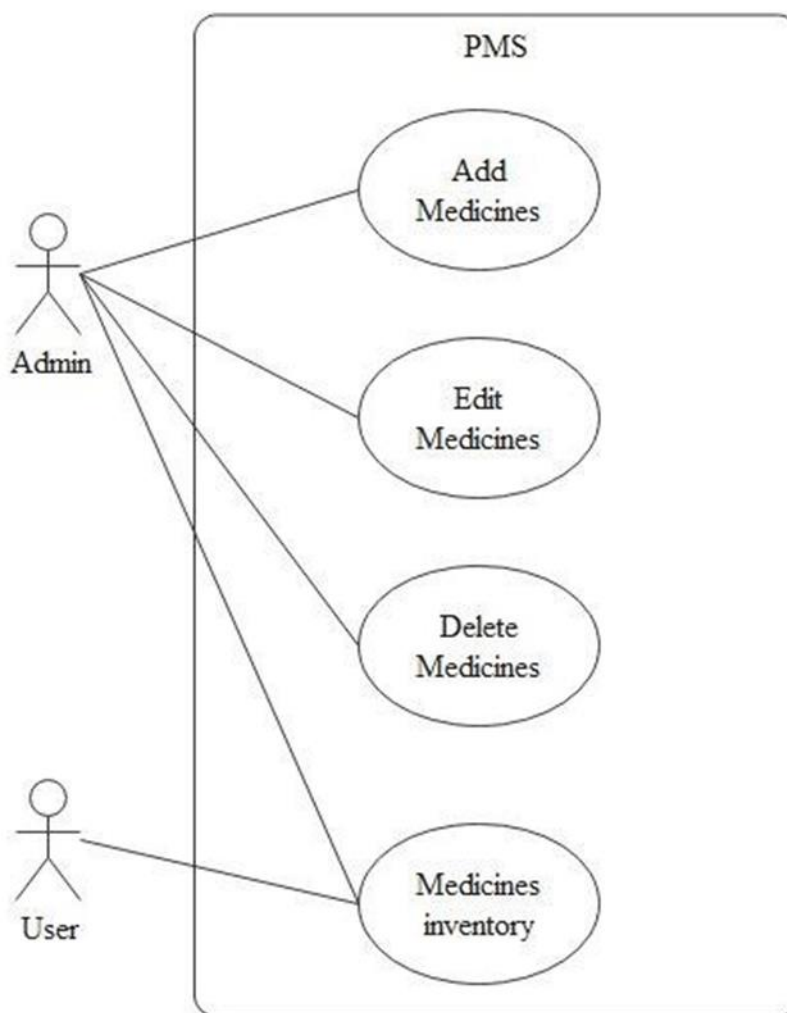
## 3. PREVIOUS VERSIONS

12/Feb/2020 till 14/Dec/2020 this was the first version which was being used 10 months later on the upgraded version was available from 15/Dec/2020 till present and now the users of 9 android version and windows from latest upgraded version (Windows 11) users can easily access it.

#### 4. SOFTWARE USAGE LEVEL

A pharmacy management system, also known as a pharmacy information system, is a system that stores data and enables functionality that organizes and maintains the process of medicines use in a pharmacy. This pharmacy management software platform also helps in managing pricing, getting write details of the medicines, easily checking of the medicines that are available.

The system calculates the profit of the sold items. It maintains the details of the items sold and also about the profit and loss. The software helps to keep the records, and access it easily.



## 5. COMPLETE CURRENT SOFTWARE HARDWARE REQUIREMENTS

The system services and goals are established by consultation with system user. They are then defined in details and serve as a system specification. System requirement are those on which the system runs. System Requirement is based on the following points:

- i. Software Requirement.
- ii. Hardware Requirement

### Software Requirements:

Pharmacy workflow software incorporates automation, workflow, and operational management into a single unified architecture. A workflow system will batch and track an order from entry to the point of sale, bringing efficiency and improved accuracy to the prescription dispensing process.

Pharmacy software helps to manage the operations of retail, medical, and long-term care pharmacies. Features of these applications include prescription processing, point of sale, and electronic signature capture. Pharmacy software helps to increase the efficiency and speed of filling prescriptions.

Minimum Requirement	Maximum Requirement
<b>Operating System</b>	
Microsoft Windows 7	Microsoft Windows 10 or newer
Microsoft Office Package (2007).	

**Hardware Requirement:**

The most common set of requirements defined by any operating system or software application is the physical computer resources. Hardware requirements list is often accompanied by a hardware compatibility list (HCL), especially in case of operating systems.

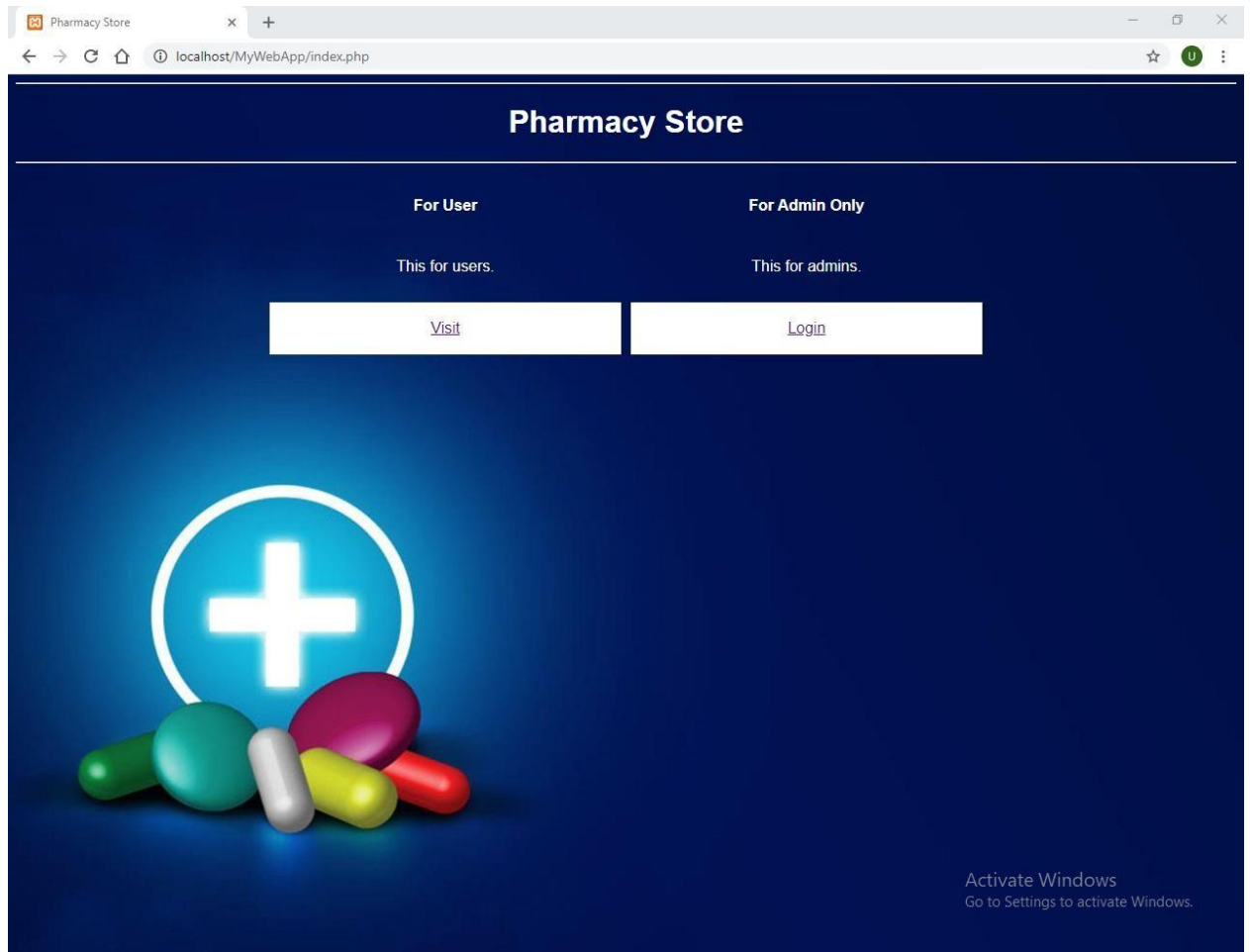
Minimum Requirement	Maximum Requirement
<b>Processor</b>	
Minimum 1.8 GHz (Corei3 - 2nd G)	2.2GHz (Core i5,i7- 4th,5th G)
<b>RAM</b>	
8 GB	16 GB
<b>Storage</b>	
40 GB	80 GB

**6. TECHNICAL POINTS**

The Pharmacy Management System manages all the medicines allowing the user to get all the details of the medicines from the database. The system allows the user to add medicines in the database. The system has many functionalities allowing the user to update the details of the medicines or modify the details of the medicines. The system can also delete the details of the medicines from the database. The system is easy to use and has interactive user interface, so that the user will get a good experience. The system is capable to run on low specification devices (to get excellent results use the given specification mentioned in “**Complete Hardware and Software Requirements of System**”).

## 7. IMPORTANT SNAPSHOTS OF THE SOFTWARE

### UI SNAPSHOTS



## DSRS OF PHARMACY MANGEMENT SYSTEM

Home

localhost/MyWebApp/user.php

### Pharmacy Store

#### Medicines Available

**Note:** 1 Quantity = 1 Box And The Price Shown Is For 1 Box.

Medicine Name	Quantity	Price	Mfg Date	Exp Date
Disprin	50	500	2/2/2020	3/3/2025
Asprin	100	500	2/2/2020	3/3/2025
Brufen	100	9000	29/2/2020	13/3/2025
Surbex - Z	200	180	2/2/2020	13/3/2025

Pharmacy\_Store

Activate Windows  
Go to Settings to activate Windows.



## DSRS OF PHARMACY MANGEMENT SYSTEM

Browser: Login | localhost/MyWebApp/login.php

# Pharmacy Mangement System

## PMS

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### Admins Only


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#### Log In

Username

Password

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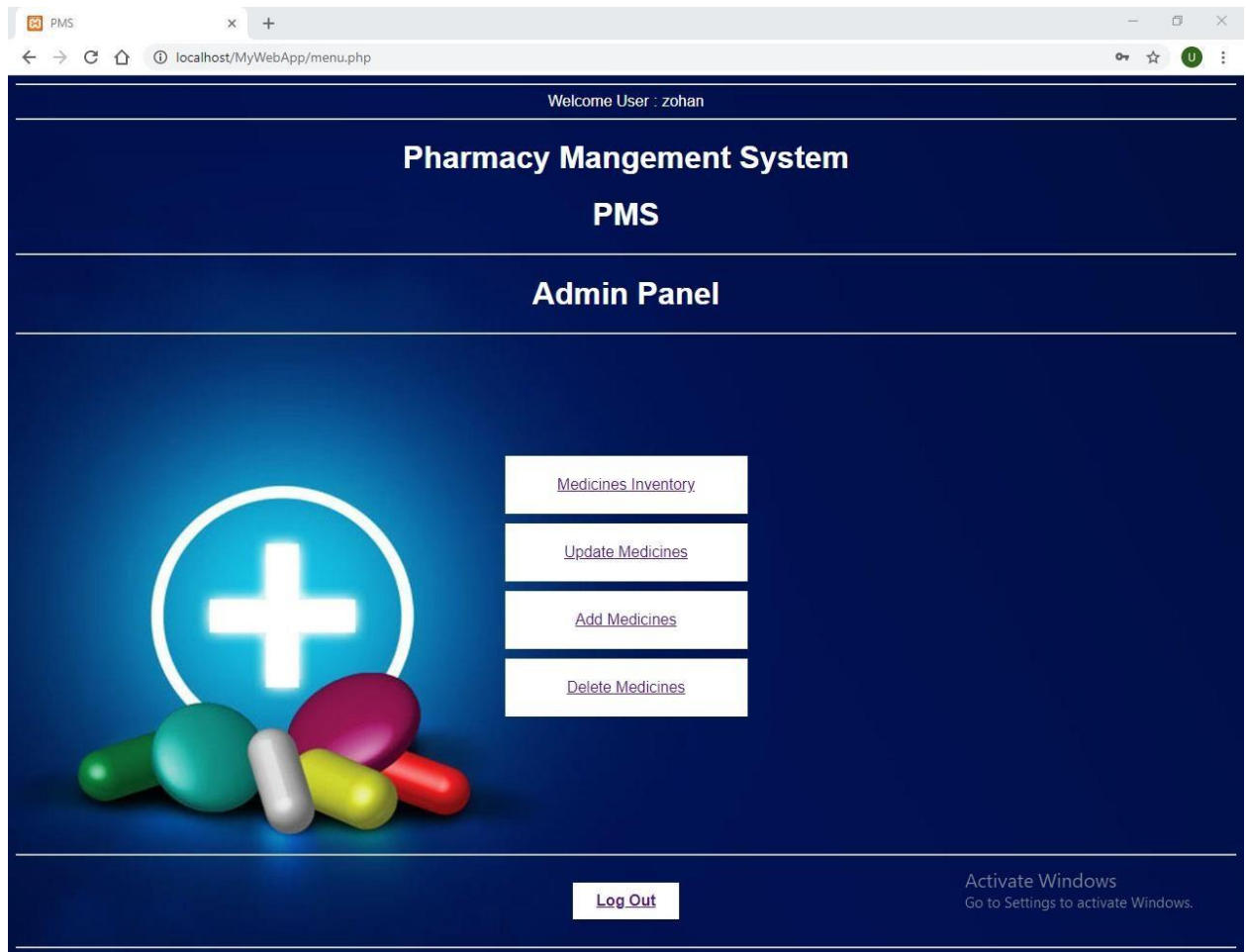


[Pharmacy Store](#)

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## DSRS OF PHARMACY MANGEMENT SYSTEM



## DSRS OF PHARMACY MANGEMENT SYSTEM

Medicines Inventory

Welcome User : zohan

### Pharmacy Mangement System

### PMS

### Medicines Inventory

Batch	Medicine Name	Quantity	Price	Mfg Date	Exp Date
1	Disprin	50	500	2/2/2020	3/3/2025
2	Asprin	100	500	2/2/2020	3/3/2025
3	Brufen	100	9000	29/2/2020	13/3/2025
4	Surbex - Z	200	180	2/2/2020	13/3/2025

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## DSRS OF PHARMACY MANGEMENT SYSTEM

Update Medicines

localhost/MyWebApp/updateform.php

Welcome User : zohan


### Pharmacy Management System

### PMS

#### Update Medicine

Batch	<input type="text"/>
Medicine Name	<input type="text"/>
Quantity	<input type="text"/>
Price	<input type="text"/>
Mfg Date	<input type="text"/>
Exp Date	<input type="text"/>
	<input type="button" value="Submit"/>

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## DSRS OF PHARMACY MANGEMENT SYSTEM

Browser: Add Medicine | localhost/MyWebApp/insertform.php


Welcome User : zohan

### Pharmacy Management System

#### PMS

##### Add New Medicines

Batch	<input type="text"/>
Medicine Name	<input type="text"/>
Quantity	<input type="text"/>
Price	<input type="text"/>
Mfg Date	<input type="text"/>
Exp Date	<input type="text"/>
	<input type="submit" value="Submit"/>



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## DSRS OF PHARMACY MANGEMENT SYSTEM

Delete Medicine

Welcome User : zohan


# Pharmacy Management System

## PMS

Delete Medicine

Batch

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## DATABASE SNAPSHOTS

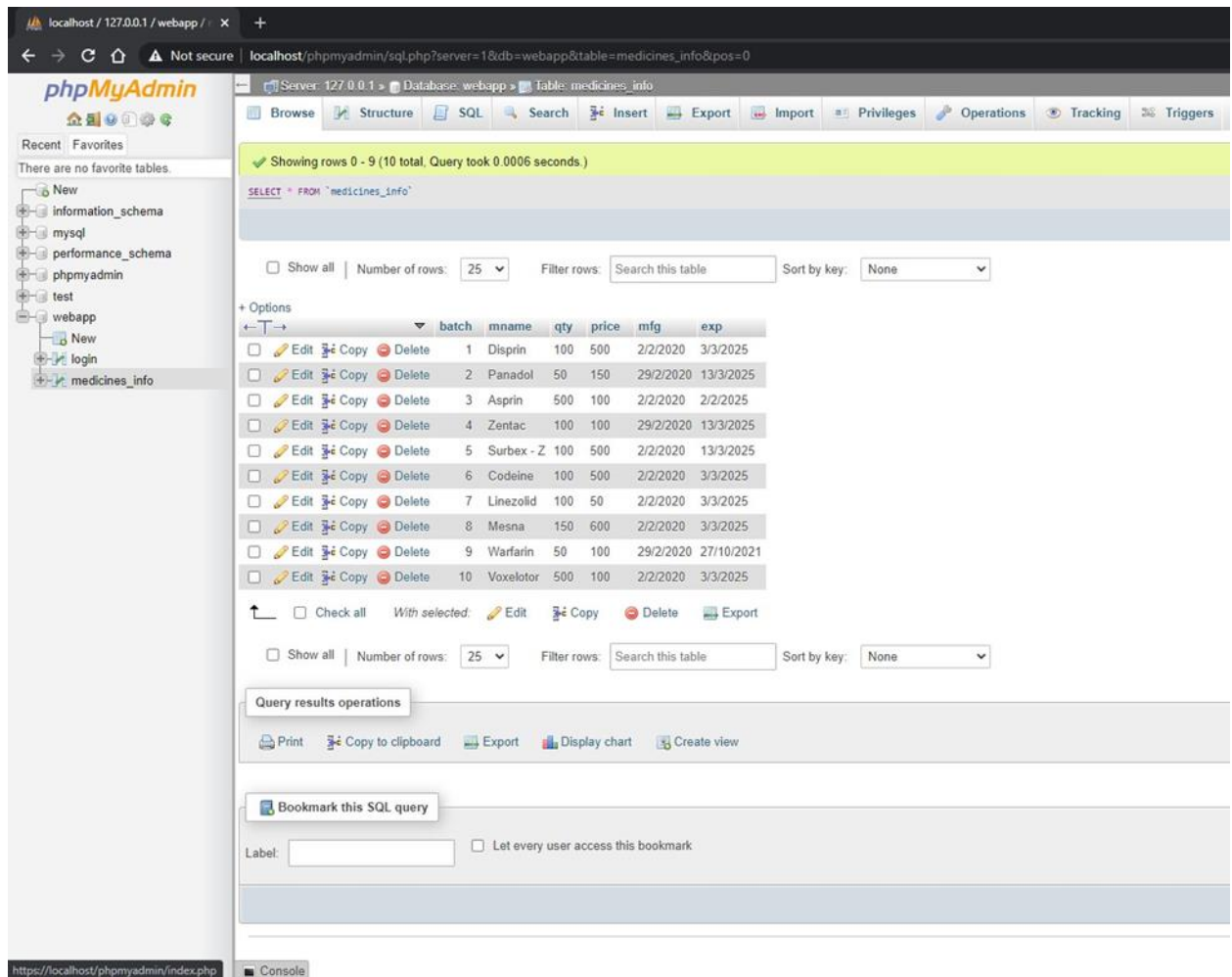
The screenshot shows the phpMyAdmin interface for the 'webapp' database. The left sidebar displays a tree view of databases, with 'webapp' selected. The main panel shows the 'Structure' tab for the 'webapp' database. It lists two tables: 'login' and 'medicines\_info'. The 'login' table has 4 rows, and the 'medicines\_info' table has 10 rows. Below the table list, there is a 'Filters' section with a search box. At the bottom, there is a 'Create table' section with a 'Name' field and a 'Number of columns' field set to 4.

Table	Action	Rows	Type	Collation	Size	Overhead
login	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	4	InnoDB	utf8mb4_general_ci	16.0 K1B	-
medicines_info	<a href="#">Browse</a> <a href="#">Structure</a> <a href="#">Search</a> <a href="#">Insert</a> <a href="#">Empty</a> <a href="#">Drop</a>	10	InnoDB	utf8mb4_general_ci	16.0 K1B	-
2 tables	Sum	14	InnoDB	utf8mb4_general_ci	32.0 K1B	0 B

The screenshot shows the phpMyAdmin interface for the 'login' table. The left sidebar displays a tree view of databases, with 'webapp' selected. The main panel shows the 'Browse' tab for the 'login' table. It displays the table structure and the data rows. The table has columns 'id', 'uname', and 'pwd'. The data rows are:

id	uname	pwd
1	zohan	zzz
2	usama	uuu
3	sameer	sss
4	mujtaba	mmm

Below the table, there is a 'Query results operations' section with options to 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. At the bottom, there is a 'Bookmark this SQL query' section with a 'Label' field and a checkbox 'Let every user access this bookmark'.



## 8. REFERENCES

<https://docs.google.com/document/d/1QE9LF-Z0Be4Oo-h2bdGL0wpbHOCWVu0h/edit#>

<https://margcompusoft.com/m/features-of-pharmacy-management-software/>

<https://www.octalsoftware.com/blog/pharmacy-management-software-development>



## 9. FUTURE ASPECT

The system will be designed to provide an electronic version of the Pharmacy Management System. The system will have a user-friendly graphical interface and will be more cost effective compared to the current non-electronic version of the pharmacy system.

The future scope of this development effort is:

- To offer an opportunity for customers to get their medicines in a more suitable way.
- To regain control of the PMS medicines sales to avoid scalping and overselling of medicines.
- To implement a prototype of a scaled down version of the final system to test the solution and further develop requirements.
- In this project we can also include barcode facility using the bar code reader, which will detect the expiry date and the other information about the related medicines.
- To collect statistics in a more efficient manner for future of Pharmacy and betterment of medicines.
- To increase efficiency of Pharmacy for future.

Detailed information gathering must be done. Without that the purpose for using the software won't be satisfied properly. However, it can give good profits in the long run. Efficient organization of all knowledge is the analysis company and easy analysis access, and retrieval of information is possible. Company using this software will always be able to plan in future and always be aware of their financial position in the market. It leads to streamline of business processes and the implementation and maintenance costs run very high (**about 2 to 3 % of the company's revenue**).