**WEB BASED PHARMACY AUTOMATION**

**ABSTRACT:**

A medicine ordering system that permits a customer to place the orders through online for medical items. This is a web application is efficient and easy to use. Online pharmacy is web based application. User can post requirement for medicine. User can purchase medicine online. As per prescription user can search medicine and useful information. This application can provide information for daily consumption of medicine. This system reduces the time to wait over the medicine store. The billing is generated automatically.

This Project is developing a web portal for automating the process of ordering medicine. This would be facilitating the customers to make their orders in a proper format. The web portal is a separate domain for ordering different type of medicine. The basic requirement is to deliver the items ordered by the customer through the web portal. This is an internet E-commerce service with website. In the present world everything is been modernized and people don’t prefer to go to shops for buying medicine. This project is used to reduce that time. The customer can just visit this website, search for their items and order it. In this project some modules are used like registration, login page, menu, home page of customers.

**Existing System**

In the existing system all transactions, dealings of medicine, purchasing of medicine were done manually which is time consuming. Maintaining of reports is very tedious task.

* In existing system selling or buying medicine has done in a manual way, the customer has to go to medical shop, to buy medicine. If it is not available customer have to different medical shop. So it is a time consuming process. Cannot get the medicine in correct time. The current system is very complicated and expensive.
* Thus, the system has to be automated.

**Disadvantages of existing system**

* In Existing System the Customer is completely depending on the manual process for buying the medicines.
* Manual process is a time consuming factor.
* It takes more time for both seller and buyer.
* It increases labor cost.

**Proposed System**

The Pharmacy Automation is developed to fulfill the requirements of the medical shop to reduce the user works. The primary task of this system is to relieve the users from complicated works. It provides detail about the medicines which are present in online medical shop. The proposed system has its own advantage such as quick in processing. Admin will enter the medicine details. Once the details are saved by admin the medicine will be available in the user module. User can see the medicine and can also perform add to cart. User can view the cart and see the number of medicines in the cart. Also user can see the medicine total amount of cart items and order. Admin will view the order details and sale the medicine.

**Advantages**

* The customer can purchase the medicine through the online effectively and efficiently.
* The medicine details like cost, company can be view by everyone at any time.
* It does not require more employees.
* Entire process requires less time complete the task

MODULE

This Project contains five modules, they are

* Administration
* User Registration
* Add Medicine Details
* Order details
* Track Order
* Report

MODULE DESCRIPTION

**Administration:**

In this administration module, admin can login using his username and password. So that unauthorized access can be avoided. Admin has rights to make changes in the system like change the items, change the prices and view the order. Admin decides to add / delete an item from the medicine details because of which there is a change in the price of some of the items. If admin notices that some medicines are out of stock then removes that medicines from the customers view.

**User registration**

Existing user can login by using their username and password. A new user has to do the registration process to access the application in online. Once the user registered their details then can login and view the medicine details from the database to choose their medicines from the medicine list and can place and order.

**Add Medicine Details**

In this module the list of medicines can be added to the application by the authorized person or administrator of the medical shop. Their details are stored in to the database and can be updated whenever needed. This detail includes medicine id, medicine name, company name and cost. This can be viewed by the customer.

**Order details**

In this module user can select medicines to buy. They can add items to the cart. User can view the items in the cart and get the total cost of medicines. Then user can make an order. This order details includes medicines name, medicine id, total quantity and the net amount. Admin of the system can view the order details of customer and sale the medicine.

**Track Order**

The user will enter an email id and order id, it will show the order confirmation and delivered status. it used for the customer to know the shipment

**Report**

The report module includes various reports such as medicine list, customer details, order details etc. The above reports are generated in non-editable format.

Hardware Specifications:

* PROCESSOR : I3 2.6 GHz
* RAM : 2GB SD RAM
* MONITOR : 15” COLOR
* HARD DISK : 500 GB
* CDDRIVE : LG 52X
* KEYBOARD : STANDARD 102 KEYS

Software Specifications:

* OPERATING SYSTEM : Windows 10
* FRONT END : PHP
* BACK END : MYSQL