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Online Pharmacy Management System

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ABSTRACT:

The Online Pharmacy Management System streamlines the manual record-keeping process for patients, medications, and doctors. This versatile application facilitates users in purchasing medications and consulting doctors digitally, aiming to distribute medicines nationwide with a simple click and minimize time consumption. Operating as a web-based platform, users can submit their medication requirements, make purchases online, and have their orders delivered to their doorstep by the nearest affiliated store. Furthermore, users can search for medications and relevant information based on prescriptions, and access online consultations with doctors, eliminating the need for physical visits. The system incorporates user login functionality for customers, while administrators can access information on expired medicines and view client order details comprehensively.

Keywords: Online Pharmacy Management System .

1. Introduction

About the project:

The Online Pharmacy Management System streamlines the manual record-keeping process for patients, medications, and doctors. This versatile application facilitates users in purchasing medications and consulting doctors digitally, aiming to distribute medicines nationwide with a simple click and minimize time consumption. Operating as a web-based platform, users can submit their medication requirements, make purchases online, and have their orders delivered to their doorstep by the nearest affiliated store. Furthermore, users can search for medications and relevant information based on prescriptions, and access online consultations with doctors, eliminating the need for physical visits. The system incorporates user login functionality for customers, while administrators can access information on expired medicines and view client order details comprehensively.

EXISTING SYSTEM:

The current process requires the customer to physically visit the store to purchase the medication, which leads to wasted time and fatigue. If a product exchange is necessary, the customer has to return to the store, further adding to the inconvenience.

Disadvantages

•   Requires physical presence

•   Consumes more time

•   Lack of proper record keeping

•   Absence of tracking options

•   Limited information about medicines

II. PROPOSED SYSTEM:

Introducing a web-based medical system with online doctor consultations. This website facilitates the purchase of products as well as medical advice. Users can independently browse different products and search for recommended items. In addition, the system allows users to rate and review products, helping others make informed purchases. The online pharmacy offers a user-friendly interface for easy ordering. Customers can easily choose and order medicines with a single click, which is preceded by creating a login account and providing the necessary information such as name, address and identification numbers. Users can search for a doctor without visiting a hospital

ADVANTAGES

- Users have seamless access to recommended products without manual intervention.

- Users can confidently invest in valuable products.

- The application prioritizes user-friendliness through various controls.

- Updates quickly and facilitates user interaction.

- Risks of poor data management are mitigated at every stage of project development.

- Robust security measures are in place, including multiple levels of authentication.

III. SYSTEM METHODOLOGY

- Administrator

- Users

- Doctors

Administrator:

In this module admin can manage their website like add/remove products from their website. They can also review requests made by doctors and also add products on priority. Admin will regularly monitor product status like price, quantity, expiry etc.

Users:

As for the user, the user first registered on the website to consult a doctor. They can ask for a doctor's advice by stating their own symptoms and information. After medical consultation from the doctor, they can view various products according to their wish on the website and also search for specific products or brand. They can see the related products of the selected product.

Doctors:

Registered doctors can review the health problem specified by users and provide medical advice on related medication for treatment. Doctors respond to users who specifically seek their advice. They will also ask the admin to add an unavailable product.

IV. CONCLUSION:

The Online Pharmacy Management System package has been created with flexibility for easy future modifications. The development of the project brings several conclusions:

- Automation increases system efficiency.

- User friendly graphical interface surpasses the current system

- Grants appropriate levels of access to authorized users.

- The system effectively mitigates communication delay.

- Information updates are streamlined.

- Notable features include system and data security as well as reliability.

- The system has a wide scope for future modifications.

Reference:

• https://jpinfotech.org/online-pharmacy-management-system

• http://www.google.co.in/

• http://www.wikipedia.com/

• Browse the project with http://localhost/med/public url.