



Digital Tracker For Medicine

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Abstract The goal of this project is to support the medical sector. The necessity for medicine arises when a person is ill or afflicted with certain diseases. What if there was a programme that would enable users to purchase medications online? The adoption of a digital tracker for medical applications makes it conceivable. The information about which herbal medicines to use to treat a specific disease is also available to users. One of the intriguing applications that can be used in the real world is this one. Utilizing this programme will make finding the right medication simple and convenient. The goal of this project is to create a clinic management system that will be used to address the present issues the neighborhoods clinics is experiencing. A web-based platform system is the digital tracker for pharmaceuticals. The main goals of this project are to use information technology to streamline the clinic's commercial operations and to improve the clinic management software that is currently available.

Index Terms—*Digital Medicine Tracking, Privacy preserving, Medicine, Clinic, Hospital, Doctors, Nearby Medical.*

I. INTRODUCTION

Many modern methods have been created to simplify living. The system will have a database where all the data will be stored. The Medical Store typically uses a digital system to maintain information about the medications and other information pertaining to the hospital. There are numerous systems for managing medications, but none of them satisfy the local user need of the electronic system, which is still relatively new. Here, the system will be explained in more detail. The digital tracker for medicine system was created to enhance clinic management and automate clinic activity. This approach takes into account every clinic activity. The necessity for digital trackers for medicine has increased in the information age when everything must be done quickly and accurately. The use of a digital tracker for medications can improve both the services provided and the efficiency of all operations carried out in a pharmacy. This can reduce the workload of the medical staff, the amount of personnel required, and the complexity of managing a pharmacy. A web-based programme called The Digital Tracker For Medicine exists. The system will be utilized to help medical professionals, hospitals, clinics, and regular individuals. The user must enter the container and product measurements as well as weight and orientation restrictions in the medical store. It incorporates a system for daily activity storage and retrieval, including daily transaction reports, monthly reports on items delivered, and inquiries, allowing us to offer precise and effective ways to arrange and retrieve various types of information.

II. PROPOSED SYSTEM

The suggested strategy will result in a complete change in the medical industry. You may look for drugs and maintain tabs on their supplies with just one click. Always be able to trace the medication that was administered. One can easily search through any record. The new strategy cuts down on the time required to finish any work. The complete drug inventory is updated automatically under the new system. The system's ease of use and ability to enter data on a computer make it suitable for usage by anyone with basic computer capabilities. The administrator must log in with the given login information in order to access the following admin modules. A medical record may be added, viewed in its entirety, or deleted by the administrator. With admin approval, medical personnel may log into this system. The insertion of drugs and their accompanying information is made possible by the medical system. Name, Brand, Discount, Quantity, and Expiration Date. The system's target users are the staff at the clinic, the hospital's doctors, and common people. Iterative design will be necessary to make this system functional and straightforward to use.

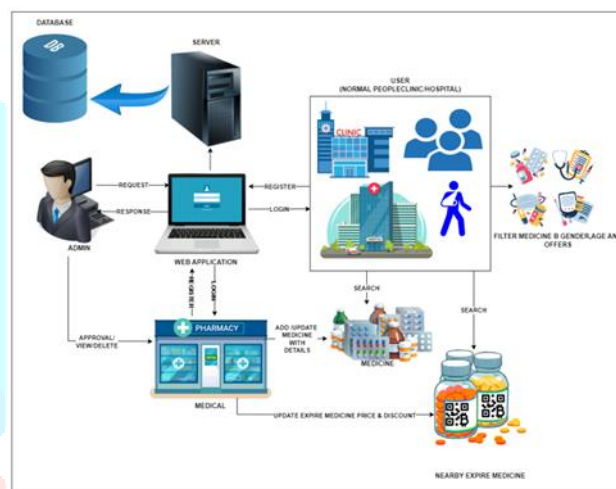
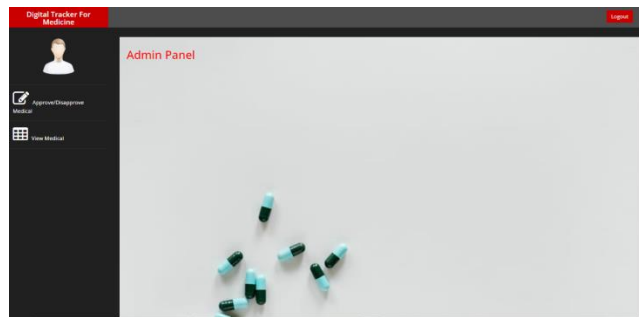
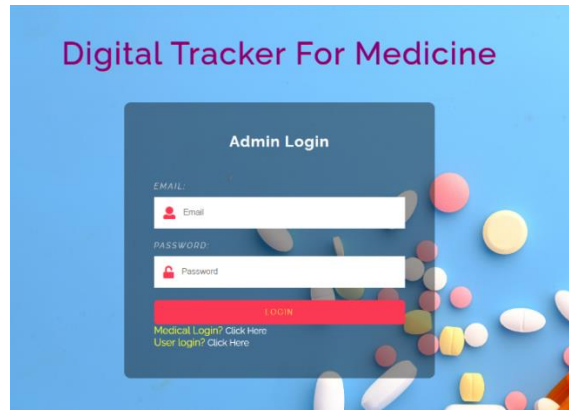


Fig. System Architecture

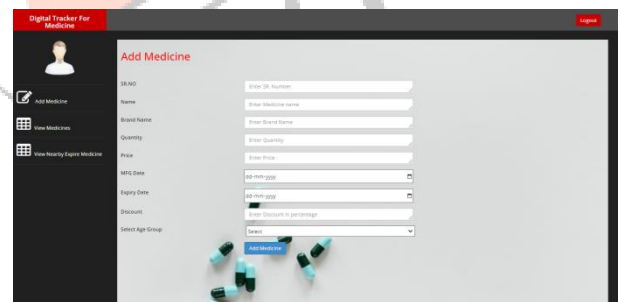
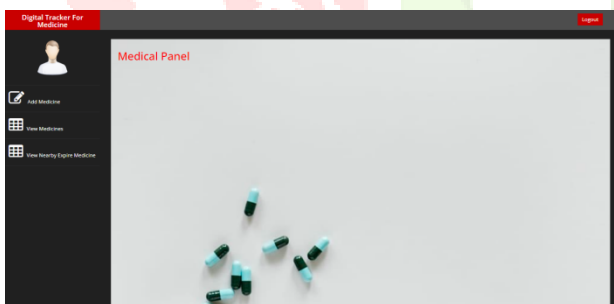
The user can sign up. One must log in to the system after registering because they are the ones using it. The primary user interface will then be displayed, where customers can access further settings. The system allows users to search for nearby, expired drugs with medication details. Using the system's Medicine Details, users can look up available drugs. The management of data on sales, medications, stocks, businesses, and inventory is the primary objective of the Project on Digital Tracker for Medicine. It is responsible for managing all sales, inventory, and medical shop data. Only the administrator is guaranteed access because the project was totally created on the administrative side. The project's objective is to develop a software programme that will reduce the amount of manual labor needed to handle sales, inventory, and medical stores.

III. EXPERIMENTAL RESULTS

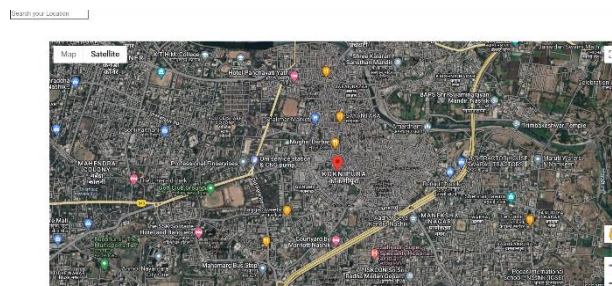
1] Admin Login

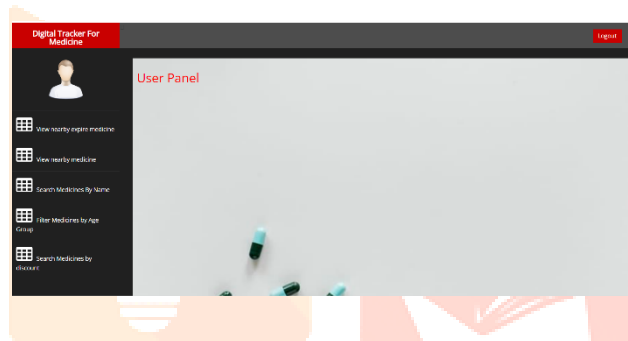
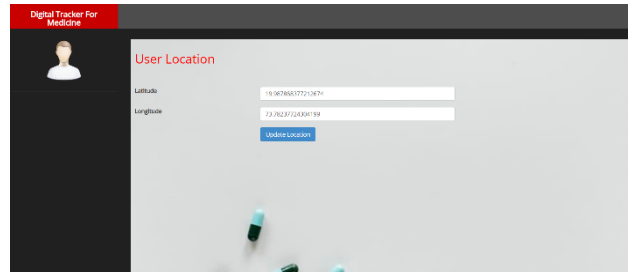


2] Medical Login



3] User Login





IV. CONCLUSION

In this paper we present a digital tracker for medicine. We had a really useful application for the medical industry proposed in this research. We're going to create a web-based application that will offer its users, who primarily purchase medications from it, a variety of highly beneficial medical services. This project's specific objectives include relieving common people's suffering and providing them with adequate service. Users can use our project's services here for all of their fundamental needs. Users can look for the medicine that they require on a daily basis. The thesis also showed how much the technology would cost to create and how much money it could save. It will be quite simple to use this system. Let us ensure legitimate supply to help your brand reclaim market share. The user experiences less complexity and a significant reduction in time spent managing this database.

V. ACKNOWLEDGEMENT

We would like to thank our partners for their dedication, hard work, and cooperation, each member has played a significant part. All members contribute to the project with their skills and knowledge and ensure the success and success of the project.

VI. REFERENCES

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