

Digital tracker For Medicine

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Abstract—

The main aim of the project is the management of the database of the pharmaceutical shop. This is done by creating a database of the available medicines in the shop. The database is then connected to the main program by using interconnection of the Visual Basic program and the database already created. Android Application This program can be used in any pharmaceutical shops having a database to maintain. The Application It can also Order the Medicine from the supplier.

Expanding extent of services are presently electronic services conveyed over the Internet. Internet and online websites has changed our way of shopping completely. As we know that almost everything is going to be online. The web has long been a source of medical data; it has just as of late been utilized for online shopping medical products. Now, medicines are also available online it can be order by mobile application or website, then the seller will be delivered it as soon as possible they will provide various payment options also viz. payment while buying through credit/debit card and cash on delivery. Several advantages and disadvantages of online medicines shopping are examined and can be discussed in this paper. Some important factors that should be keep in mind while shopping medicines are also discussed in this paper. This study is one of the first such studies, which which helps people to buy medicines online it also promotes e-commerce .

Keywords — Online shop , Medicine sell , order ,

I. INTRODUCTION

The Online Medicine Store is an Online Medicine shopping website. It is a virtual showcase for different types of medicine like health care, baby care, & home need medicines. Main aim of this project is to develop 24*7 medical services for users through online

application. The Special thing about this project is it provides different types of medicine to purchase. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner. The Functionalities provided by the Project are as follow: Show the information and description of the Medicines. sells the Medicines online, It deals with monitoring the information and transactions. User trusted site.

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Survey and Specification

1. This system helps in enhancing our traditional handmade products to publish in the market.
2. The system helps buyers to search the product in their figure tips.
3. It provides the easy way to buy the product directly from the merchants without the interface of any third party.
4. It also helps the rural people to sell their products to the market and to earn money to improve their status.
5. Medicine and Digital Tracking

II. LITERATURE REVIEW

Purchasing of medicines online is recently started so there is only little literature available. Less research papers are available on online medicines/medical products shopping. Some research papers are available showing benefits of selling medicines and medical products online. With expanded utilization of the web, more individuals access medications and health supplements on the web. However little is thought about components connected with utilizing internet purchasing.

The pharmacy management system kept paper and pen away mostly cause of the way it's Managing a very huge pharmacy with records stored online and on papers which surely seems difficult to keep track of inventories with dignity but this system makes it look easier. The drugs in the pharmacy store, expiry date, quantity of drugs available are fixed on the categories and their functions. A pharmacist has to order drugs to replenish the already diminishing stock. In addition, the ordering of drugs is being carried out manually. A major amount of time is taken for writing the order as the pharmacist needs to check through the stock balance and make an estimate of the amount to order based on Figures. As we know drugs are not supposed to be used after they have expired.

Greenfield, T. (2002). Research methods for postgraduates. 2nd ed. London: Arnold.

While there are many specific types of literature reviews, you will be writing a critical literature review to demonstrate your knowledge of a specific area & that your project is viable.

To read more about the different types of reviews, read this article, which provides a good overview: Maria J. Grant & Andrew Booth. "A typology of reviews: an analysis of 14 review types and associated methodologies". Health Information and Libraries Journal (26):91-108

The online pharmacy, sometimes known as E-pharmacy, is one of numerous areas of E-commerce that has received little attention but has a lot of potential. In India, it is a new domain or sector. E-commerce is now a burgeoning and competitive business in India, with fierce competition among domestic and global industry behemoths like Amazon and Flipkart vying for a majority share of the market. The online pharmacy sector, often known as E-Pharmacy, is one of the many categories of e-commerce that remains mostly untouched and has tremendous future potential.

1mg, Net med, Chemist, Myra, Midlife, and others are currently the best pharmacy players. Approximately 150 internet pharmacies exist now. Bestseller in India the pharmaceutical industry is divided into three categories: generic pharmaceuticals, illicit drugs, and patented goods. The Indian medical sector's most generous section is per-manufactured medications, which account for around 70% of income, while illegal drugs and patented drugs account for 21% and 9%, respectively. In this case, the market for infection is nearly 15.17 percent, followed by 12.47 percent for cardiovascular drugs, 11.75 percent for stomach drugs, 8.78 percent for vitamins, minerals, and nutrients, and 8.13 percent for anti diabetes drugs.

III. DISCUSSION AND METHODOLOGY

The development of a Photography Online Booking System aims to streamline the process of booking photography services, enhance user experience, and provide a seamless interface for both clients and photographers. The significance of such a system lies in its ability to centralize booking procedures, simplify communication, and automate administrative tasks. Let's delve into key aspects of the system and discuss the rationale behind each element.

The project focuses on efficiently managing a pharmaceutical shop's database, creating a linkage between available medicines and the main program

using PHP. The Android application facilitates this database management and extends its use to various pharmaceutical shops. Notably, the application enables medicine ordering from suppliers, enhancing its functionality.

Considering the increasing prevalence of electronic services, the project aligns with the trend of online shopping for medical products. The internet has transformed our shopping habits, and this study explores the advantages and disadvantages of purchasing medicines online. .

1. **User-Friendly Interface:** The system will feature a user-friendly interface designed to ensure an intuitive and pleasant experience for clients. This includes an easy-to-navigate website and a straightforward booking form. The goal is to reduce barriers to entry and encourage clients to explore and book Medicine services effortlessly.
2. **Android Application Development:** Design an Android application to facilitate the use of the database across various pharmaceutical shops.
3. **User Accounts and Profiles:** User accounts contribute to a personalized experience, admin manage product order, update personal information. User profiles enable to purchase the Medicine and other drugs accordingly.
4. **Admin Panel for Efficient Management:** The admin panel is a pivotal component for shop managemnet , Order Management . It provides a centralized platform for managing Order , analyzing analytics, and handling user accounts.

IV. PROPOSED DETAILED METHODOLOGY

Hardware Requirement

1. Processor : Intel CORE i3
2. RAM : 4 GB
3. Hard Disk : 160 GB

Software Requirement

1. Operating System : Microsoft Windows-7.
2. Software Package : Android Studio
3. Front End : Android
4. Backend : Java
5. Databse :Firebase / MySQL

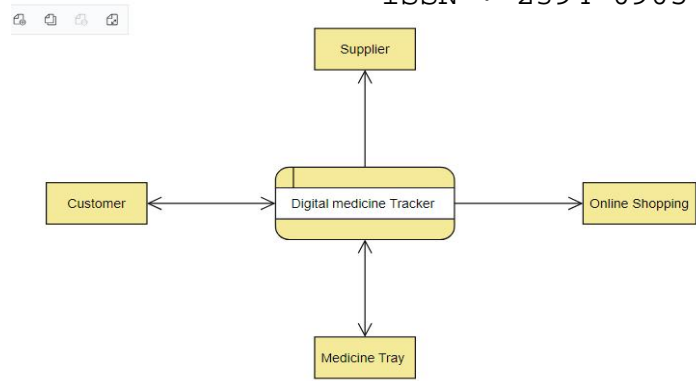


Figure 1. DFD Diagram

Customer: The individual who places an order for medicines through the online shop. **Online Shop:** The virtual platform where customers browse and place orders for medicines. **Medicine Owner:** The entity responsible for managing and updating the inventory of medicines available on the online shop. **Order Supplier:** The external entity supplying the ordered medicines to the online shop.

Processes: **Customer Order Process:** Input: Medicine order details from the customer. Output: Order information sent to the Online Shop. **Inventory Management Process (Medicine Owner):** Input: Updates on available medicines and stock levels. Output: Updated inventory information sent to the Online Shop **Order Processing (Online Shop):** Input: Customer orders, inventory information, and payment details. Output: Confirmation to the customer, and order details sent to the Order Supplier. **Supply Order Process (Order Supplier):** Input: Order details from the Online Shop. Medicines dispatched to the Online Shop. **Data Flows:** Customer to Online Shop: Medicine order details (name, quantity, etc.) flow from the Customer to the Online Shop. Online Shop to Order Supplier: Order details (medicine, quantity) and inventory updates flow from the Online Shop to the Order Supplier. Order Supplier to Online Shop: Dispatched medicines flow from the Order Supplier to the Online Shop. Medicine Owner to Online Shop: Inventory updates and information about available medicines flow from the Medicine Owner to the Online Shop. **nData Stores:** **Online Shop Database:** Stores customer details, order information, and inventory data. **Medicine Database:** Stores information about available medicines, stock levels, and updates. **External Entities:** Customer Interface:

Represents the interface through which the customer interacts with the online shop. Order Supplier Interface: Represents the system or process through which the order supplier receives and processes supply orders.

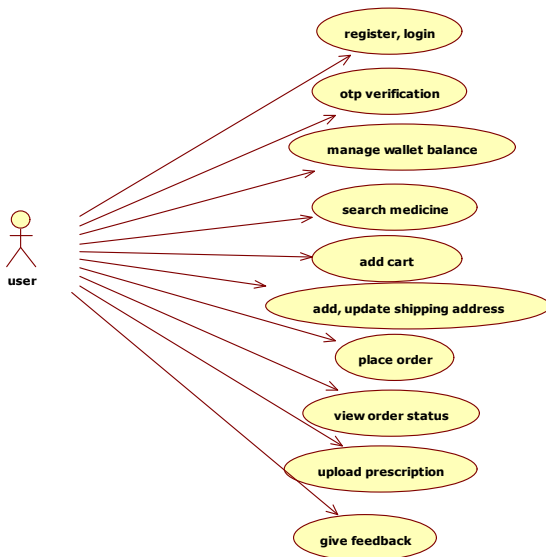


Figure 2. Use Case Diagram

Customer: The primary actor representing the user interacting with the online shopping system. **Use Cases:** **Register:** Description: The customer creates a new account on the online platform. Preconditions: Customer has access to the registration interface. Post conditions: Customer receives a confirmation of successful registration. **Login:** Description: The customer logs into their account. Preconditions: Customer has a registered account. Post conditions: Customer gains access to personalized features and account information. **Add to Cart:** Description: The customer selects medicines and adds them to the shopping cart. Preconditions: Customer is logged in and browsing available medicines. Post conditions: Selected medicines are added to the shopping cart. **View Cart:** Description: The customer views the contents of their shopping cart. Preconditions: Medicines have been added to the cart. Post conditions: Customer can proceed to checkout or make modifications to the cart. **Order:** Description: The customer confirms the order for selected medicines. Preconditions: Medicines are added to the cart. Post conditions: Order is placed, and the customer receives an order confirmation. **Checkout:** Description: The customer provides shipping details, selects a payment

method, and completes the purchase. Preconditions:

Customer has confirmed the order. Post conditions: Payment is processed, and the order is prepared for shipment. **Cash On Delivery:** Description: The customer chooses the cash-on-delivery option during checkout. Preconditions: Customer is at the checkout stage. Post conditions: The order is confirmed, and the customer can pay in cash upon delivery.

V. CONCLUSION

There is a clear association of online buying of medicines and medical products with pharmaceuticals companies. This study help seller and buyer in identifying the advantages and disadvantages of online buying/selling of medicines and medical products and this paper also promote digital India concept as buyers will buy more on internet because they are getting discounts and it also saves time. From this study, after reading disadvantages the seller of medicines and medical products will also get an opportunity to make proper changes so that they will be able to get more sell. The implementation of Easy Meds online pharmacy based on purchase of medicine will decrease the prescription and alterations and thus provide safety and improve the quality of service provided to the customer or patient. Therefore, we can conclude that online platform will be used for ordering of prescription based medications for customers and provide a platform for pharmaceutical retailers. Online pharmacy benefits a customer's healthcare in many ways.

VI. ACKNOWLEDGMENT

With profound gratitude, we extend our sincere thanks to Prof. P. M. Dharmadhikari, Principal of Sandip Polytechnic & HOD of computer Department Prof.Vishal Ohal , Nashik, for his insightful guidance and generous permission, integral to the success of our project planning. Our heartfelt appreciation also goes to Prof.S.G.Bodke, and the dedicated staff of the Computer Engineering Department for their unwavering support.

We extend special thanks to colleagues, industry experts, and lab technicians, whose collaborative efforts enriched our project with practical insights. Their contributions have added depth and real-world relevance to our planning process

VII. RESULT

Reduced Human Effort: Automation in gardening can significantly reduce the manual labor involved in tasks such as watering, fertilizing, and monitoring plant health. This can save time and effort for gardeners, making the process more accessible to a broader audience.

24/7 Accessibility: The online website allows users to access information and control the automated gardening system at any time of the day or night. This flexibility is particularly useful for users with busy schedules, providing convenience and accessibility.

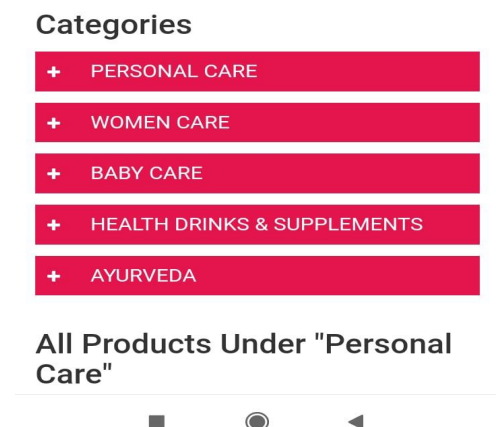
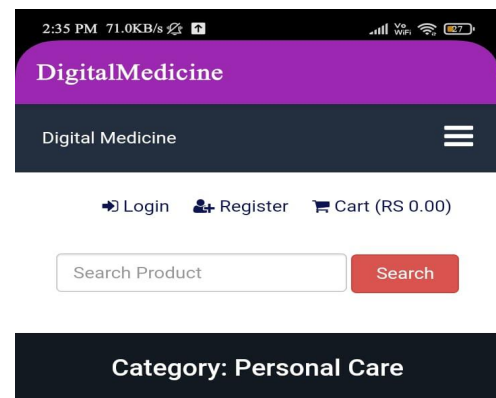
Centralized Information: Having all necessary information in one place on the internal website streamlines the gardening process. Users can easily monitor plant status, receive alerts, and adjust settings without the need for multiple tools or platforms.

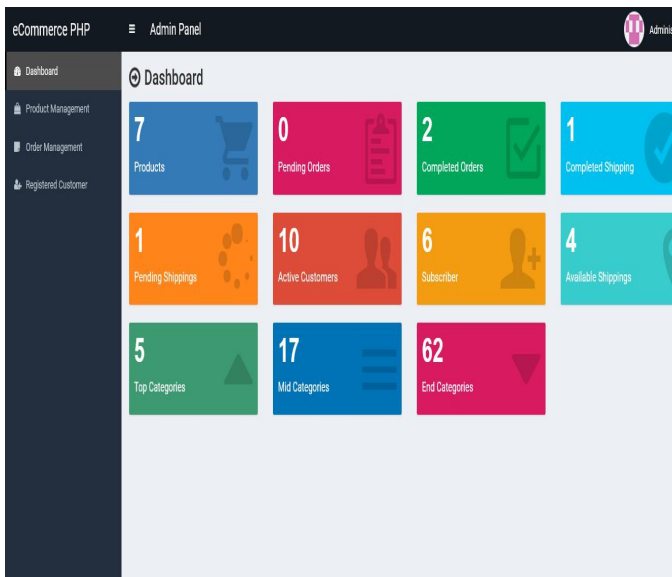
Efficient Resource Management: Automation systems can be designed to optimize resource usage, such as water and fertilizers. This can lead to more efficient and sustainable gardening practices, benefiting both users and the environment.

Time Savings: The integrated system can save users time by automating routine tasks, allowing them to focus on other aspects of their lives. This is particularly beneficial for individuals with busy lifestyles who still want to enjoy the benefits of gardening.

User-Friendly Interface: A well-designed internal website can provide a user-friendly interface, making it easy for individuals, including those with limited gardening experience, to navigate and manage their automated gardens.

Enhanced Productivity: With reduced manual tasks and streamlined processes, users can potentially achieve higher productivity in their gardening endeavors. This can lead to more successful and enjoyable gardening experiences.





The screenshot shows the 'Add Product' form in the 'Admin Panel'. The form is organized into several sections. At the top, there are three dropdown menus for 'Top Level Category Name', 'Mid Level Category Name', and 'End Level Category Name'. Below these are input fields for 'Product Name', 'Old Price', 'Current Price', 'Quantity', 'Select Size', and 'Select Color'. A 'Featured Photo' section includes a file browser and an 'Add Photo' button. There are four rich text editors for 'Description', 'Short Description', 'Features', and 'Content'. A 'Return Policy' section also has a rich text editor. At the bottom, there are two dropdown menus for 'Is Featured?' and 'Is Active?', and two input fields for 'Report Link' and 'Amazon Link'. A green 'Add Product' button is located at the very bottom.

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