

Drugstore Management Ordering and Tracking System

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Abstract:

Develop an android application to sell medical product to the user in easy and cost-efficient way. The admin will make use of the webpage to add new product based on category and the new offer details such as big offers, seasonal offers and current offers are notified to the customer the user can view the overall list of medical products under the corresponding brand. The list of products can be filtered by using price and ratings. The user can view the item offer and make use of the coupon for order placing the list of items was adding to the card and proceed for payment. The admin will get a notification regarding the order placed. The admin can view the overall order and as per the request the confirmation will be fixed. Users can ordered product can be tracking buy using map where it is find and current status are seen in this application

KEYWORDS – Android Studio, Notification about offer, Data management, Order tracking

Introduction:

This project is to develop an android application to sell the medicine products to the users in a smart way. The list of products can be filtered by using size, price, and ratings. The user can view the medicine item offers and make use of the coupon for order placing. The lists of items are added to the cart and proceed for payment. The admin will receive the order notification and the status of the delivery gets updated after sending the order package. As soon as the order is placed, the admin will get a notification regarding the order placed.

Objectives:

- The reason for this project can easy to manage the data and it's can easy ,cost efficient .To improve users easy use support effective and efficient medical product delivery
- It implement tracking the product in which location in product

Literature Survey:

HEALTH INFORMATION AND HEALTHCARE DELIVERY: FROM THE COST EFFECTIVENESS PERSPECTIVE, AUTHOR: Ruobing Mei, YEAR: 2021

Health information technology enhances patient safety, which can also help to reduce health care cost. When it is used to replace the paper based record it will alter the workflow of front line workers facilitate the management of care the data captured can be shared in a seamless manner throughout the whole patient care journey since a significant upfront investment is required in the implementation and the use of the electronic health record.

CONTINUOUS SECURITY PATCH DELIVERY AND RISK MANAGEMENT FOR MEDICAL DEVICES, AUTHOR:Hans-Martin von stockhausen,Marc Rose,YEAR:2020

We have implemented a continuous security patch delivery strategy .the strategy embraces a systematic way of product-specific vulnerability evaluation based on design knowledge and operator-oriented risk communication which are the novel aspects of this work. Focusing on the real cybersecurity risks in the early phase of the continuous and highly automated approach is intended to satisfy the current and future demands of the national telecommunication and information administration the existing FDA post market guidance on cybersecurity to provide operators with software bill of material

System Design:

DATABASE DESIGN

This table store the registered customer detail in the database

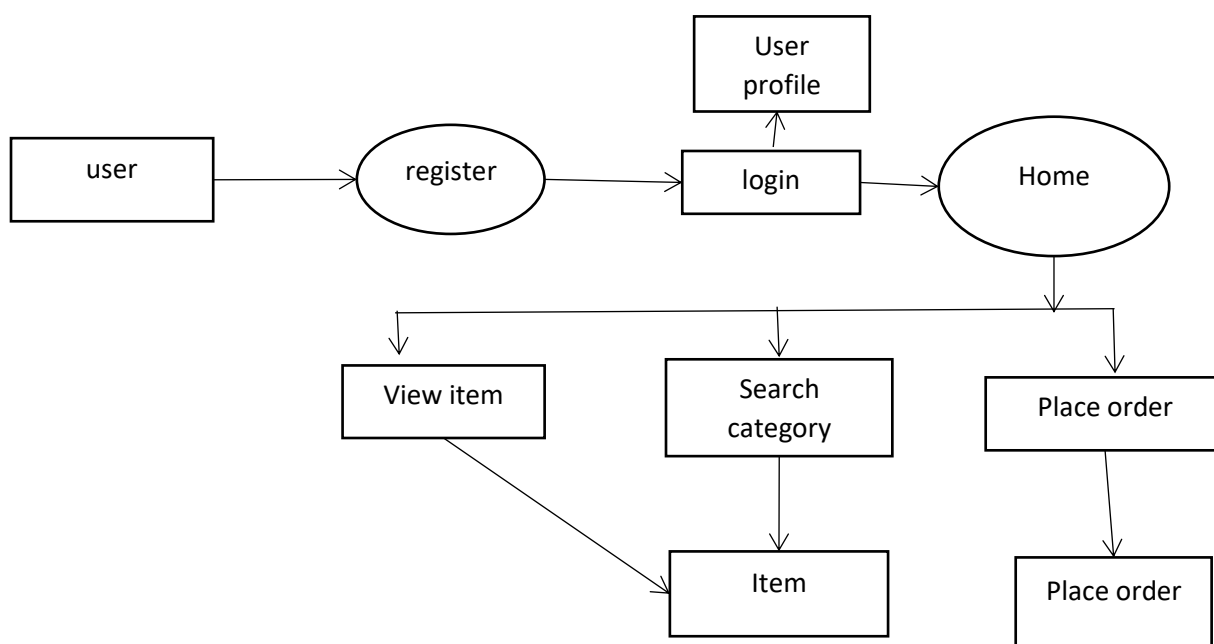
| Field Name | Data Type | Size | Key |
|---------------|-----------|------|-------------|
| Customer_id | Int | 5 | Primary Key |
| Customer_name | Varchar | 40 | |
| Email | Varchar | 50 | Primary Key |
| Password | Varchar | 20 | |
| Country | Varchar | 30 | |
| City | Varchar | 30 | |
| Contact | int | 10 | |
| Address | Varchar | 300 | |

DATA FLOW DIAGRAM:

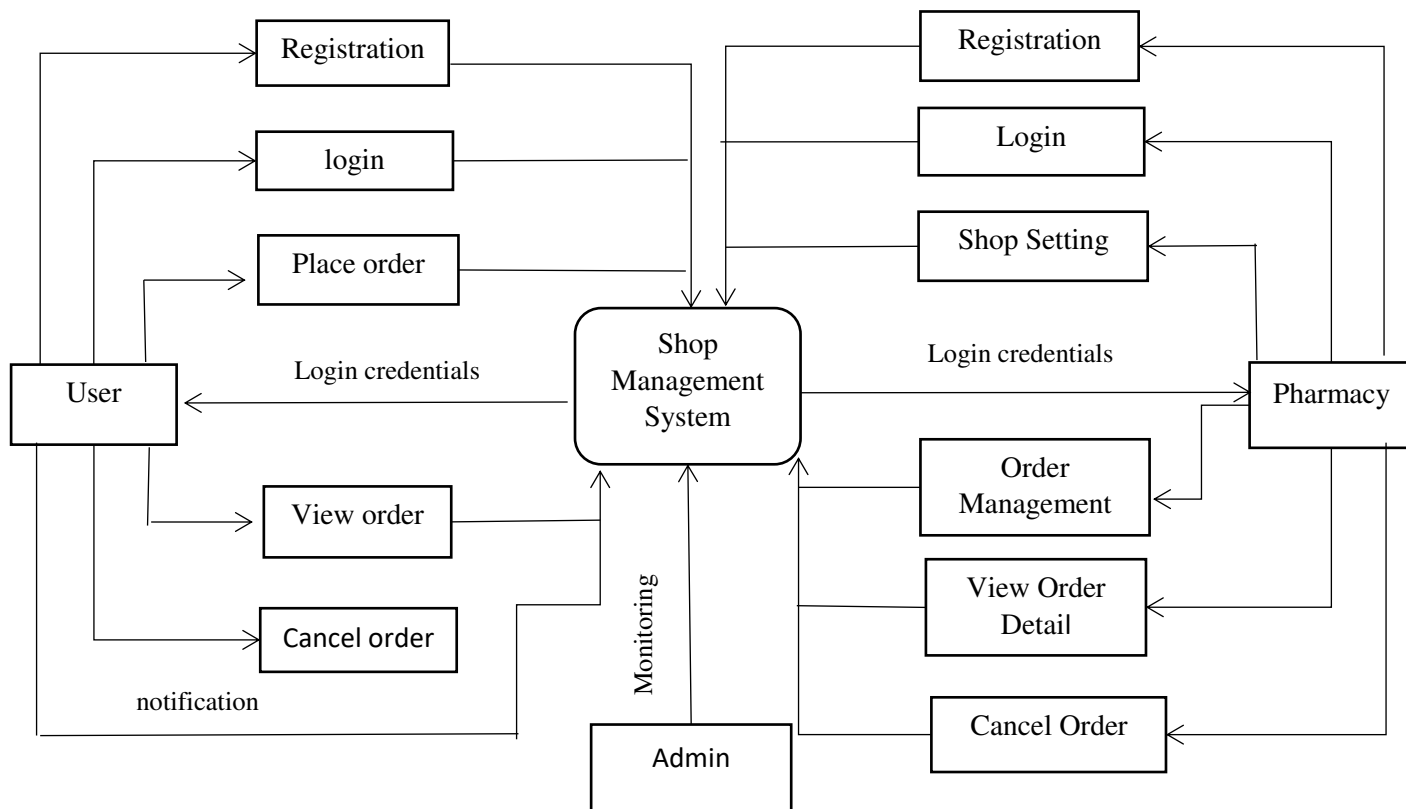
A data flow diagram is a graphical representation of data through informative system. It differs from the flowchart as it shows the data flow instead of the control flow of the program define by DFD the moment of data through a system from entry to destination

The purpose of data flow diagram is to provide a semantic bridge between user and system developers. The goal of data flow diagram is to have a commonly understood model of a system the data flow diagram are the basic structure system analysis data flow diagram are supported by other techniques of structured system analysis data flow structure diagram,data dictionaries and procedure representing technique such as decision table decision tree

Data store is where a process store data between processes for later retrieval by that same process or another one files and tables are considered data store .Data store .data store names are usually drawn as a two parallel lines and labeled by the name of data storage area it represent



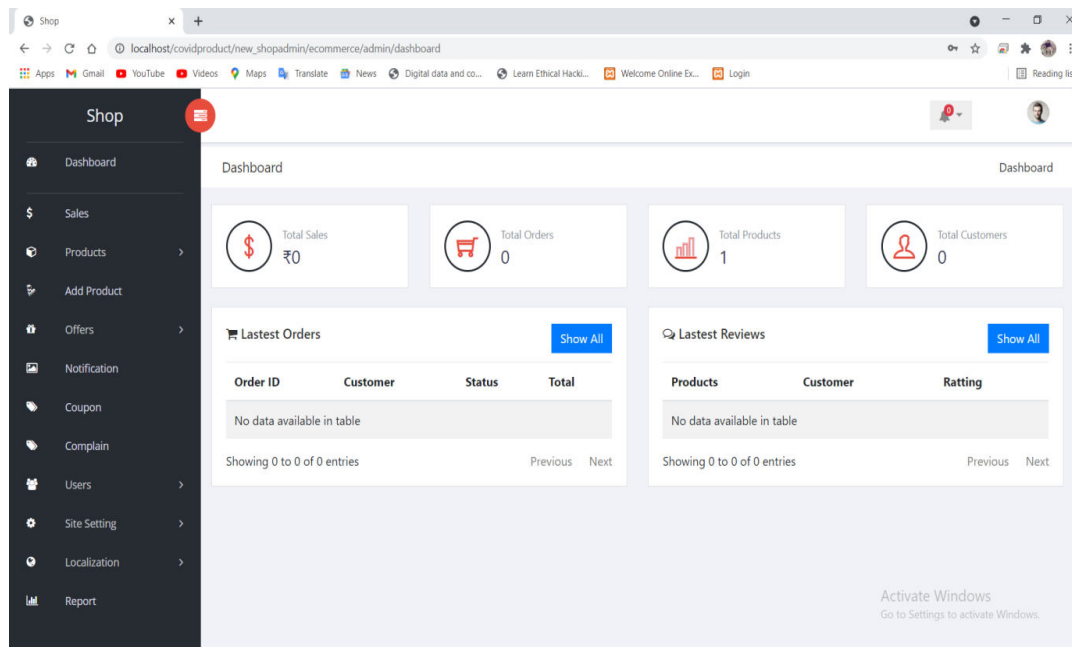
ARCHITECTURE DIAGRAM:



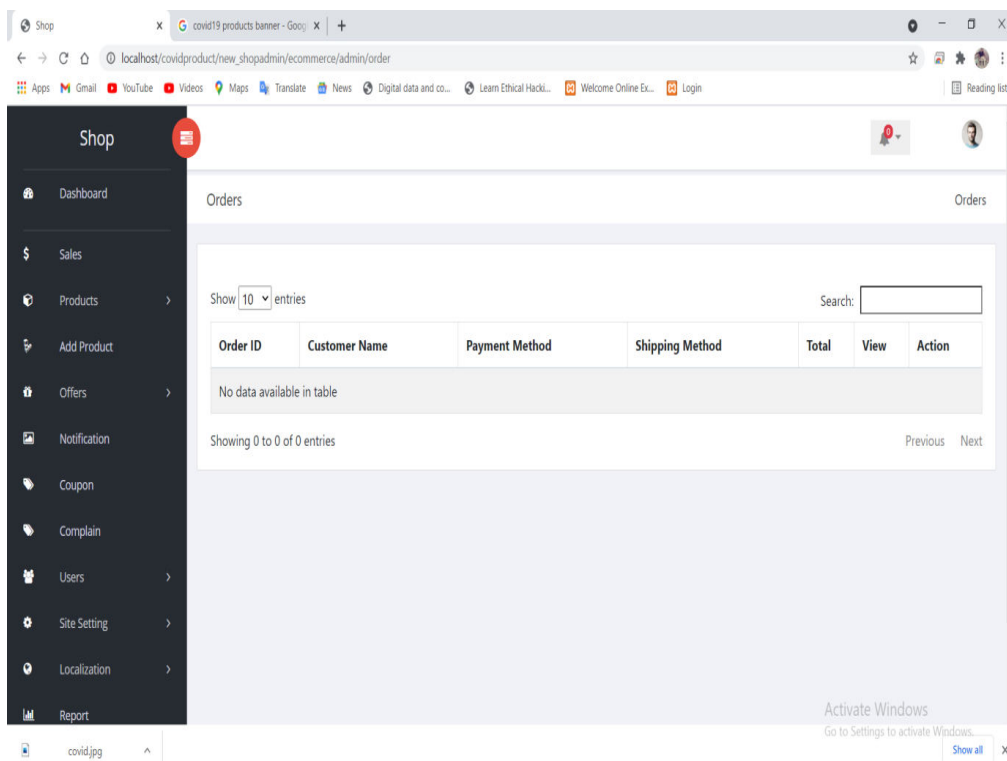
Implementation:

The Smart MEDICINE product Shopping Application can be implemented in any platform and thus all category of user can utilize the process and thus all process can be carried out in a secure and in quick time. This Smart MEDICINE Product Shopping Application can implement in any Android Version such as Kitkat, Lollipop and so on. As it overcomes all type of testing, there won't be any error in implementing the software. As per the needs of the admin and customer, this application is designed which will definitely overcomes the existing system. As a rule, system implementation takes, as its input, all of the integrated software components that have successfully passed integration testing. The user can install the application in any Android application and it also supports tamil font therefore any one can make use of the application in an effective manner to place the order

Admin Dashboard:



View order:



Conclusion:

Thus, the application is designed to fulfil the needs of both product company and public in an effective manner. The android application is designed in a user friendly manner.all category of person can make use of the application in an effective manner. The public can get all medicine related products from a single application. The tracking of product is used to know the current location of the product through Google Map. During this pandemic time, this application helps to fulfil the needs of customers to get and medicine related products in quick manner.

Future Enhancement:

- In future we will identify nearby pharmacy and how long distance to reach.
- To check the availability of stock.

Author Biography



Mr. B. ARUNMOZHI M.E., is an Assistant Professor in the Department of Computer Science and Engineering at St. Joseph College of Engineering, Sriperumbudur, Chennai, Tamil Nadu. He has completed his M.E, CSE under Anna University Affiliation College in the year 2011. He has done his B.E, CSE under Anna University Affiliation College in the year 2007. Mr. B. ARUNMOZHI has 11 years of teaching experience and has 12 publications in International Journals and Conferences. His area of interests includes Network Security, Computer Networks, Data Science and Machine Learning. He is an active member of CSI and IEANG. He has organized various International Conferences, workshops and Seminars in the area of Computer Networks, Cloud



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