Local Medical Search Application

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ABSTRACT

In today's world, most of the people use the internet in high speed. Internet makes the things easy and possible. Now-a- days, most of the people visit nearby medical shop if they want to buy the medicine. If the medicine is not available, then they go to another medical shop. So, this is a time-consuming process. The main objective of this project is to display availability of the medicines of each and every individual medical shop in this LMS android app by using JAVA and PHP techniques. If the user wants to order the medicine they can proceed.

KEYWORDS: Internet, Medicines, LMS Android App, JAVA and PHP techniques

1. INTRODUCTION

If the patient felt some unhealthy condition, then that time most of the users try to solve their problem quickly in their busy schedule. For this type of users, we build this Local Medical Search Android Application. In this application, there is a facility to contact with the doctor by using chat, normal call, videocall. With the help of doctor suggestion, the user can buy the medicine in their nearby medical shop.

In addition to that we add another facility i.e., Normally, when we want to buy the medicine in nearby medical shop. Then, we go to medical shop and check medicine is available or not. If the medicine is not available then we go to another medical shop. So, this is a time-consuming process and there is a loss of energy. For reducing this problem, we build this local medical search android application.

Once, user login into our app, then it displays medical shops in google map which is present in our surroundings. And it also displays which medicines are available in that particular medical shop. So here, we can easily find out the right direction to buy the medicine Once, user login into our app, then it displays medical shops in google map which is present in our surroundings. And it also displays which medicines are available in that particular medical shop. So here, we can easily find out the right direction to buy the medicine.
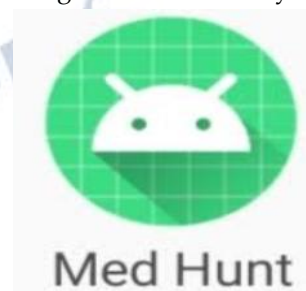

Figure-1: Application Logo

2. LITERATURE SURVEY

Online Medicine Delivery Apps: Now-a-days most of the users try to buy the medicines in an online. Some of online medicine delivery apps are amazon, FlipKart, Apollo Pharmacy, Medplus, PharmEasy, Practo etc.

Disadvantages:

- Sometimes, it may delay as expected date.
- It is not helpful in emergency situations.
- It is only helpful for pre-planned users.

Medical Store Locator App: When we search for nearby medical stores in google, it displays all the medical stores which is nearer to the user. It displays all the details like, shop name, Address, Contact Number, Directions etc.But, it did not displays where the medicine is available.

Disadvantages:

- It doesn't display availability of the medicines.

Medical Advisor Android App: The main aim of this existing project is to helps to the user to get medical information about a different physical health condition. And also displays medical store locations which is present in our surroundings.

Disadvantages:

- It doesn't show where the medicine is available.
- It provides only suggestion from the doctor to the patients.

3. EXISTING SYSTEM

In the present time the peoples are facing problems to get the medicines if they want to buy the medicines in their nearby medical shops. If we have some health issues we can go to the medical shop, if the medicine is not available in that shop, we can go to another medical shop.

Disadvantages:

- Difficult to Search
- Time Consuming
- Loss of Energy

4. PROPOSED SYSTEM

When the user login to our application, it displays all the medical shops which is present around their location. When we hit on that particular shop icon, it displays all the medicines which is available in that particular shop. If the user wants to book the medicine, the user has a chance to proceed. And there is a facility to contact with

the doctor. The doctor will suggest the medicine and give a treatment for the patients.

Advantages:

- Knowing the location
- Time-Saving
- Find Right direction
- Chance to contact with the doctor

5. LMS ARCHITECTURE

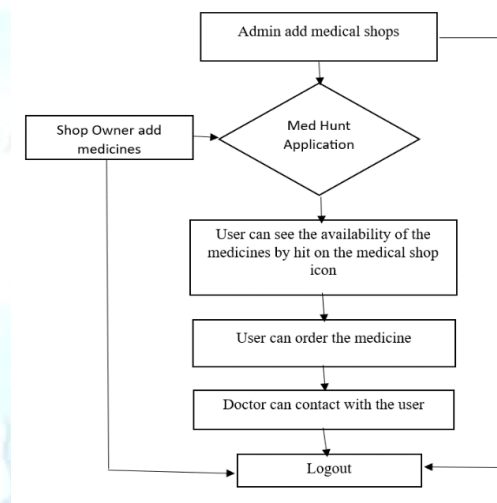The LMS Architecture i.e., Local Medical Search Application is as follows:

Figure-2: LMS Architecture

6. IMPLEMENTATION

The Local Medical Search Application involves four modules. They are:

1. Admin:

In this admin module, the admin can login and add the medical shops in our application. While adding medical shops, the admin gives full details like shop name, owner name, Owner number. The admin can only give the login credentials to the shop owner.
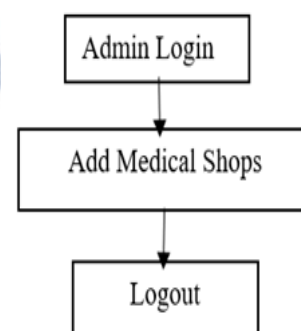

Figure-3: Admin Module Flow Diagram

2. Shop Owner:

In this shop owner module, the owner can login as per login credentials which is given by the admin. Then, the shop owner adds the medicines to their respective medical shop. While adding medicines, the owner gives full details like Shop name, Medicine name, Manufacturing date, Expired date and quantity.

This is the database for that particular store. This database will display when the user hits on particular medical store icon. And in this module only, the shop owner can view the ordered medicines which is done by the user and accept the order.
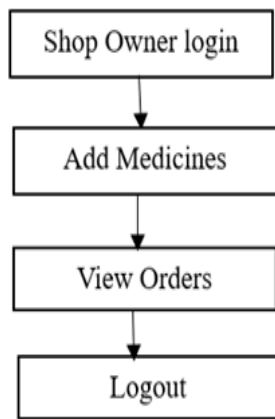

Figure-4: Shop Owner Flow Diagram

3. User:

The User needs to register once and gives the details like name, contact number, e-mail id, password. Once the user registration completes, they can login by using e-mail id and password.

In this module, the user can view the medical shops around us. When we hit on that particular shop, it displays all the medicines which is available in that shop. So that, the user can view the available medicines in the store without going to the shop physically. If we want to order the medicines, the user can proceed. If the user wants to take the medicines physically, they also know the correct direction to buy the medicines. So, the project is helpful for both like online and offline. So, the project is helpful.
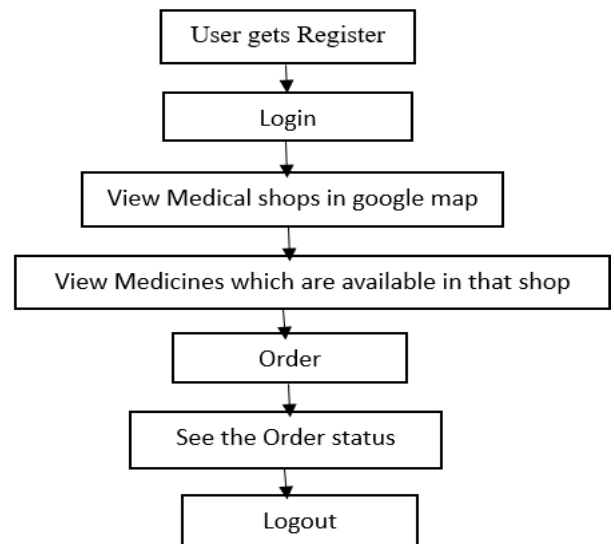

Figure-5: User Module Flow Diagram

4. Doctor:

In this doctor module, the doctor needs to create an account and loginto that, afterwards the user can communicate with the patients by using Normal call, Videocall and Message (chat box).

After completion of communication with the user, the doctor can logout. So, the doctor module is very helpful for the patients.
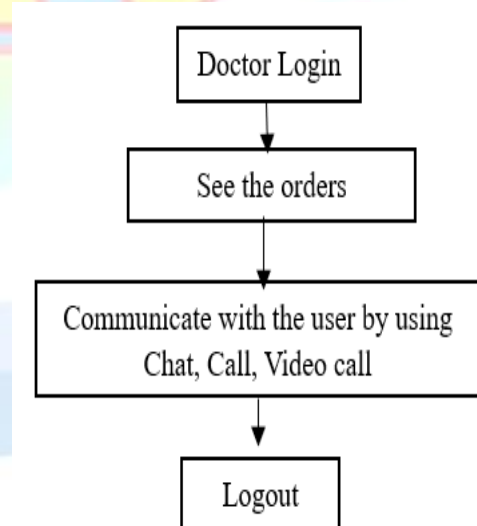

Figure-6: Doctor Module Flow Diagram

After completion of communication with the user, the doctor can logout. So, the doctor module is very helpful for the patients.

7. RESULTS AND OUTPUTS

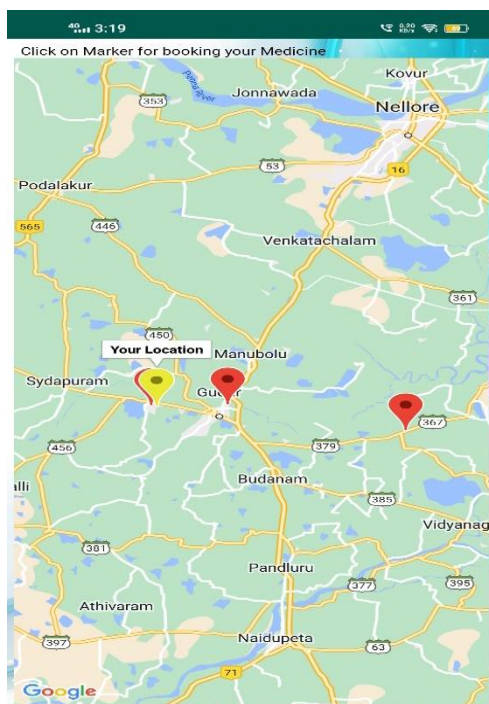Some of the outputs which is related to this project is as follows:
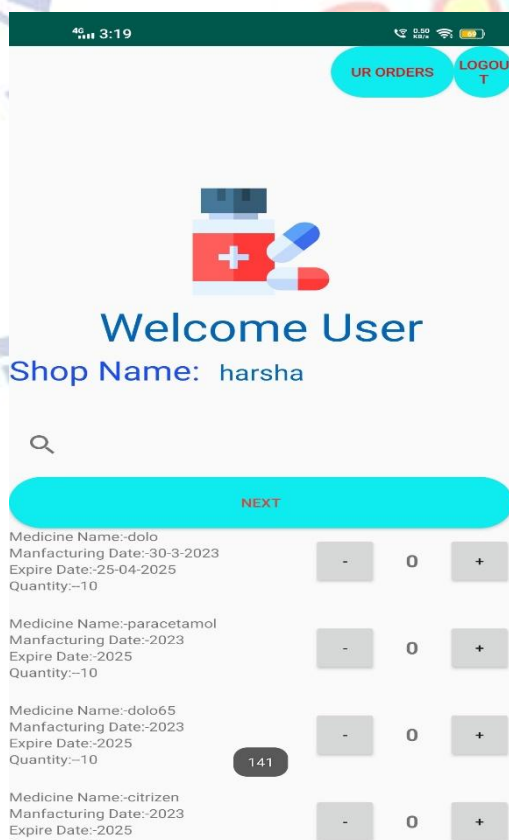
Figure-7: View Medical Shops in Google Maps

Figure-8: User View Medicines

8. CONCLUSION

By using this application, the user can know which medicines are available and which medicines are not available in that nearby medical shop. So, there is no need to search for the medicine around medical shops. Simply, the user open the application and they can order where the medicine is available. So, the application is very helpful for our society in day-to-day life those whose are suffered to buy medicines in their nearby medical shops.

Conflict of interest statement

Authors declare that they do not have any conflict of interest.

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