

# Spot Medicine (Medicine Finder-Within 5km)

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**Abstract-** Our proposed system will be Identifies the nearby location of the pharmacies to check available medicines and purchasing facility provided. And also find out the nearby hospitals in emergencies. If the pharmacy is able to manage its stock well and make the necessary products available in time, then success is assured. With an increase in the changing lifestyle conditions and access to health care facilities, there is an increasing demand for health care products such as medicines, surgical items and wellness products and services across the country. The spot medicine is easily find out nearby pharmacies and also find out the hospitals (within 5km) in emergencies as well as providing the efficient service for the patient.

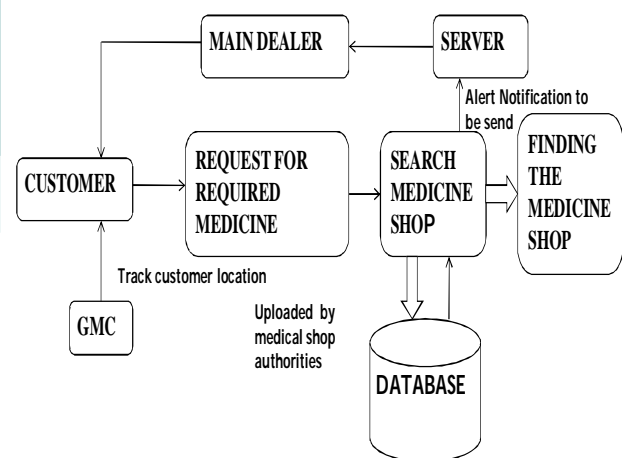
**Keywords-** Medicine, Map connectivity, Pharmacy Search

## I. INTRODUCTION

This Project is totally based on the availability of the medicines. The customer or user will login the application and after that he or she will select the particular location to findout a medical stores and different types of medicines, which is not available in each and every store (within 5km) as per the location entry the application will show and give the information about medical stores and medicines. Suppose that ,all stores does not containing the medicine at the time of alert Notification to be send to the main dealer. If the user don't know about the place or you can say that user is unaware about the location, so that application has a module of GMC(Google Map Connectivity) tracking module use to find out user location. The GMC will easily findout the customer location and as per the entered location of the details of medical stores and medicines will be display. The system will also display the user requires hospitals as per the user location

## II. ARCHITECTURAL DESCRIPTION

### Spot Medicine Architecture:



A)Architectural Description This system architecture involves three various components:-

- 1.Manual search
- 2.GMC-Locationtracking
- 3.Availabilityof Medicine

1)Manual Search:

The customer or user will log in the application and select the particular location to findout the medical stores. The user will enter the medicine name and check whether the medicine are available in that medical store or not,If the medicine available in a particular store then show the medical details like address and contact. If customer only wants a medical store details then the application directly show the details of medical store to the user without searching about medicines.

2)GMC Location Tracking: If the user is unaware about the location or the user is just a visitor or we can say tourist who is unaware about the location then the application will find the location using GMC system. The user only select a GMC module that module automatically track the location of the customer and store the location into the system database and as per the location the application gives the information of medical stores and also the medicines, medical stores like address and contact.

3)Availability Of Medicines: If a customer searching any medicine so that the database will also display the which is available in a store. Like all shop having that particular medicine means the system first shows, shortest distanced medical shop. This module will also based on manual search as well as GMC.

### III. IMPLEMENTATION

The proposed system is the vital information regarding medical stores can be easily found by the customer or visitor on the front-end. The interface will display all the required information which is easy to use. A friendly interface, will be easy for user to use. The data which is collected is used in a backend database for providing details of medical stores and medicines details. No need for searching medical stores and medicine because the application will easily display the details of medical stores as per the entered location. The user who already has logged in the application will give the information on based also manual based search.

### IV. ALGORITHM

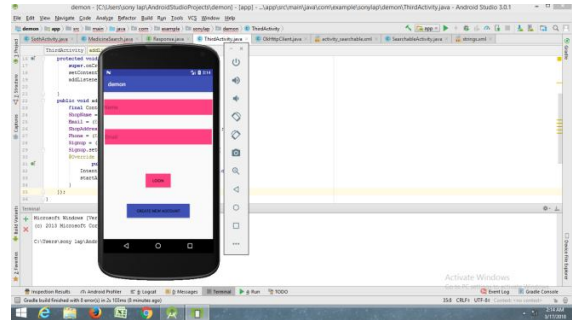
Dijkstra's algorithm: In this Algorithm should be used to finding the shortest paths between nodes. The user location to around 5km of the distance occupies to gives a specific shop details to be getting through the system using this Dijkstra's algorithm.

### V. MODULES DESCRIPTION

- 1.Shop Login-Update the database
- 2.User Login-search and purchase
- 3.Emergently medicine needed requirement satisfaction
- 4.Alert Notification-If the medicine is not available at the time of Alert message to be send
- 5.Doubt clarification-Clarifies the basic doubts like what time to take a medicine
- 6.Hospital Info-Details about nearby hospitals and ambulance services provisioned by those hospital
- 7.First aid info
8. Specialist Info-Details about nearby specialist.

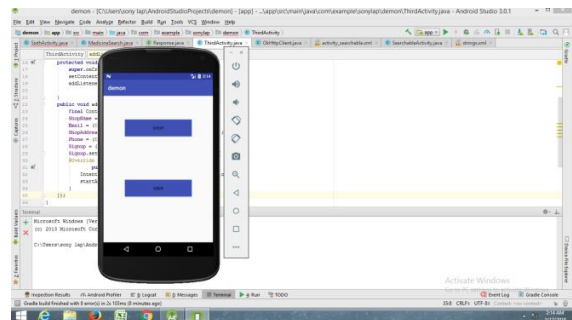
### Login module:

Logging in is usually used to enter a specific page of the application. Once the user is logged in, the login token may be used to track what actions the user has taken while connected to the application.

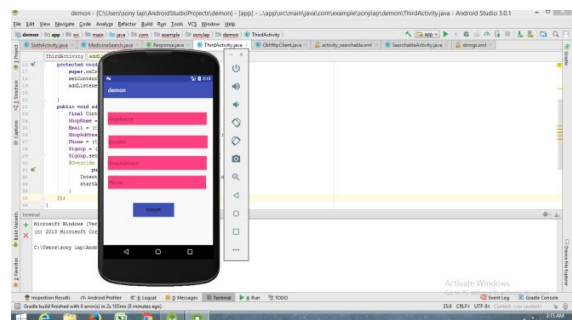


### SHOP&USER LOGIN:

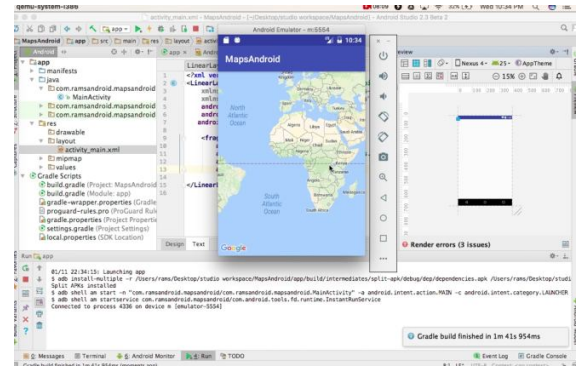
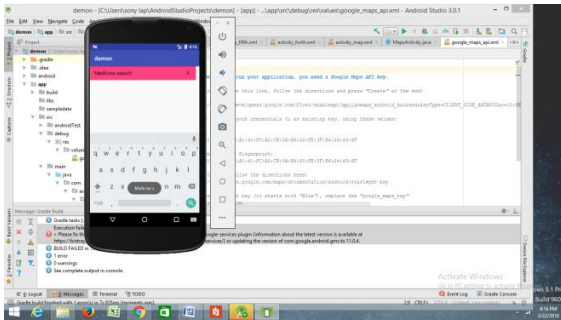
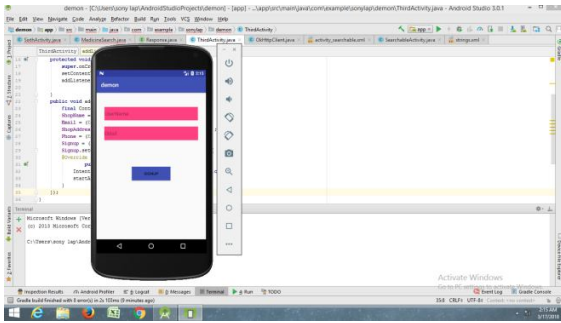
In this module used for the customer registering their mail id and use it the application. The user login to the application of one time ,then searching the medicine in the search bar then shows the nearby medical shops within (5km) details and shows only that medicine available shops. The user one time login the application and to searching that particular available medicine detailed notification to getting to the user in every time.



Shop Login:



User Login:



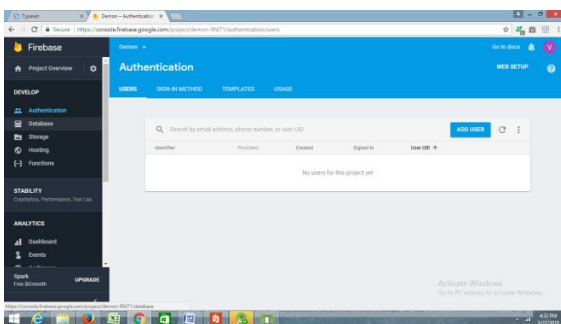
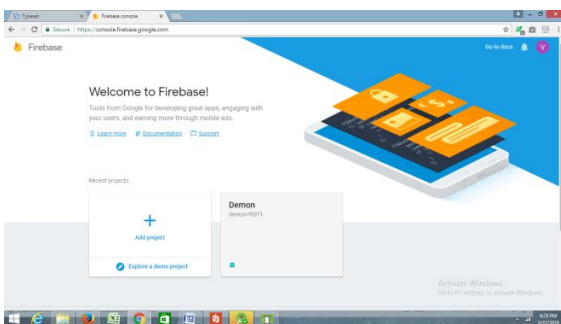
**VI. CONCLUSION**

The project of spot medicine is easily find out nearby pharmacies and also and out the hospitals in emergencies as well as providing the efficient service for the patient. Outcomes of,If the emergency arises, the app will be useful for the patients. Easily identifies the pharmacies, hospitals and specialist details. The short period of time the required medicines to be taken. Improving the quality of care and supporting public health, Time consumption is more, because of searching medicine and to finding easily.

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**DATABASE CONNECTIVITY:**



**GOOGLE MAP CONNECTIVITY:**