

# Deterministic Online Medicine Purchasing for Geo Located Shops

R. Nishanthi

*III MCA,*

*Adhiparasakthi Engineering College  
Melmaruvathur*

A. Thirugnanasambandhamurthy

*Assistant Professor*

*Adhiparasakthi Engineering College  
Melmaruvathur*

**Abstract --** The deterministic for online medicine purchasing system in android apps is made to help the professionals of the medical shop. The only medical shop master apps in market that can full fill all needs in the field of medical marketing field like keeping records of sale and purchase for different companies, inventory management, and Shop management system. In this medicalshop master apps admin, shop master, and customer. The main key feature or the key idea for the project is to automate the Medical shop management and search nearest Medical shop. We have developed an Application that will enable all the customers to buy the products from the shop. The System is fully automated with all the features in Sales and Purchase.

**Keywords:** Android Mobile, Android Application, Medical Shop

## I. INTRODUCTION

The project and its implementation entitled “Medical Shop Management System” and basically designed to solve the problems occur at time of buying medicines. The people can register their details through online. The project provides that many things of medical services and online registration of medical. The user can register the details, which is stored on the medical databases. This product is developed for smart phone users, as we know how the smart phone market has evolved in the past few years, there are many operating systems available for smart phones but we opted the Android OS for developing this product because it has a very good user bank worldwide. Users can only avail the

services of the DPIS when they are connected to internet, because the communication between doctors and patients, and data exchange from cloud server needs the internet connection. This APP is compatible on different versions of Android, such as starting from the minimum SDK version of Android 3.0 (Honeycomb) to recent update Android 5.0 (Lollipop). The app functions well on the recent update of Android, but we support backward compatibility in view of the other users of Android versions.

## II. RELATED WORK

### *2.1 Existing System*

The existing system is not much efficient and reliability for getting medicines from the Medical Shop. Now the existing system is subjected to close study and problem areas are identified. The designer now functions as a problem solver and tries to sort out the difficulties that the enterprise faces. The existing systems are directly going to get the Medicines from the medical through online, the existing system are not much user friendly.

### *2.2 Proposed System*

The proposed system has to overcome the difficulties arising in the existing system. The people can register the medicine details and get the appointment from any part of the area and district. The user can change the medicine

details and view the records. The system is very simple in design and to implement. The system requires very low system resources and the system will work in almost all configurations. It has got following features such as Security of data, greater efficiency, better service, user friendliness and interactive and minimum time required.

### III. MODULES OF APPLICATION

3.1 *Shop Master*: Stores the necessary information about any medicine like name packs detail, company, product, tax, category, location opening stock, expiry date etc.

3.2 *Admin*: View all batch details of any medicine like MRP, sale rate, Purchase rate, stock etc.

3.3 *Customer*: Buy the medicine through online and transaction payment detail also

### IV. SYSTEM ARCHITECTURE

This is followed by the medicine purchase through the mobile app. This constrains as need the basic details about the different store in the different medicine as there in following architecture.

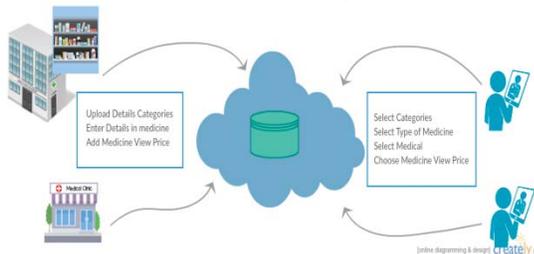


Figure 5.0 ENTITY RELATIONSHIP

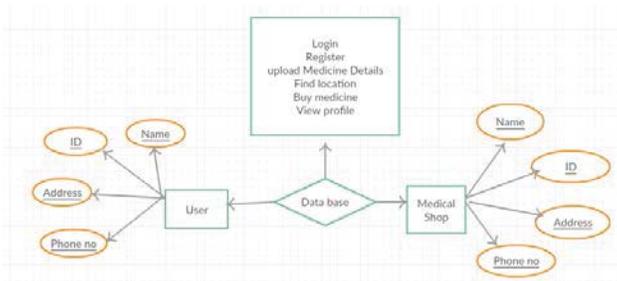
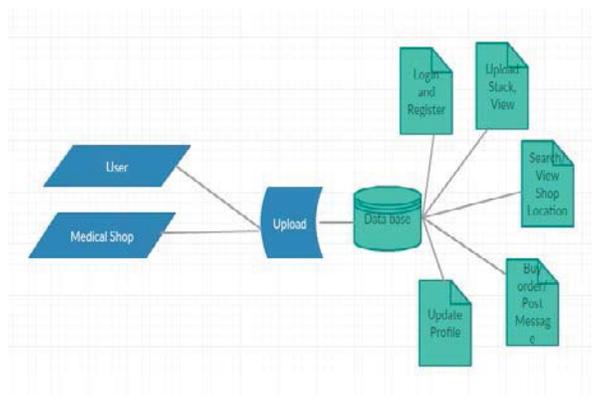


Figure 6.0 DATAFLOW DIAGRAM



## V. PROJECT DESCRIPTION

The Online Medical Booking Store application is an Online Website for an Organization. It is a virtual showcase for different types of medicine like health care, baby care, & home need products. Main aim of this project is to develop 24/7 medical service for users through online application. The Special thing about this project is it provides different types of medicine to purchase.

The Internet Appliances takes care of the requirements put forward by the customers through web. Shows the information and description of the products. Provides the searching facilities based on various factors. Sells the Products online. Keeps track of the Transaction. It deals with monitoring the information and transactions.

Provides the administrator facilities to update the list of products online without FTP. Provides the Credit Card interface for accepting and validating various Credit Cards through the Banks. Take care Securities for the Credit Card information. User trusted site.

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7.1 PRODUCT: Product list to be maintained to display the details of the products to the customers.

7.2 USERS: This system will have the information about the Users who is registered with the site. They can view and purchase the products.

7.3 ADMINISTATOR: Administrator will have facility to add, delete, and modify products and he can view the order details, Sales Reports also.

7.4 ORDER: Order will have the products chose by the customers.

7.5 CART: cart contains the items that a user has selected for buying. The shopping cart page of the application will display a list of products selected by the user. User can add the items to their wish list by clicking the check box next to the items and then clicking on the add to wish list button, they can also specify the quality of the items.

### *7.6 SHOPPING CART INTERFACE*

Shopping cart contains the items that a user has selected for buying. The shopping cart page of the Online Medical Booking Store will display a list of products selected by the user. User can add the items to their wish list by clicking the check box next to the items and then clicking on the add to wish list button, they can also specify the quality of the items. Functionalities: Products to Shopping cart. Modify Products to shopping cart. Delete Products from the Shopping cart.

### *7.7 SALES REPORT INTERFACE*

The Online Medical Booking Store will allow administrator to view sales reports. It has the following functionalities. Today's Report Report based on a particular Date. Report based on a particular Month. Report based on a particular Year. Report based on Order wise.

## VI. FUTURE SCOPE

In future, changes can be made by providing some provisions to accept different kinds of payments such as credit cards, debit cards, etc., the system can be further extended to link multiple medical shops to enhance the buying experience of customers.

## VII. CONCLUSION

This is main thing for conclude identified the shop and current location for our maps, with the help of the internet connection. Using geo-located way to purchase and selected medical domain and the type of medicine lists [like Syrup, tablets, ointments] in this, as which is possible to same to buying medical cosmetic products [like, Powders, Soap, creams, etc...]. That may be or may not be purchase or else, while purchase; this is easy way to do. Greatest solution for purchase medicine is to android application oriented.

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