# MINI DOCTOR

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## ABSTRACT:-

*There is huge advancements in communication technology have spread to medicine also. Particularly, smartphone technology has made medicinal provisioning through mobile systems a reality. Innovations in mobile software application are potential benefits to the public strength since the mobile platforms became more user-friendly, computationally powerful and are reasonable. The original mobile apps can contribute in clinical consultation complementing face-to-face interaction in the health care at lower risk to the public. We have developed and evaluated mobile app for smartphone on Android platform . The Graphic User Interface (GUI) display screens of the smartphones are incorpotated the medical data needed by the user to interpret and respond to information.*

*This project gives you the information about medicines  the user can find easily by this application and information about basic medicines. when any user want to know about the basic information of medicines in several fields . The human being will interact with net or any other consult doctors and causality person*

*In existed systems, earlier we don't have symptoms  button for knowing the disease name and prescriptions instantly in several fields.for that we are providing the symptoms button  for identify the related disease names*

*Our project "MiniDoctor" gives information about medicines. In this Application We are providing symptoms  and in that  you can select the particular  symptoms about your disease. And the application displays the  disease name. If you  know about your disease,you can click on Disease name then it will display the Medicine Type  in several fields like Ayvurvedic, allopathy, homeopathy. Though this application it will show the prescription of that disease instantly. And we can use it any where at any time with out internet.*

## INTRODUCTION:-

In some rural areas Hospital Facility is not available.for that we have developed this application  In this application we are  providing three Medicine typesthey are Ayurvedic,Allopathy,Homeopathy. it will give instant Perscription.It is available for every Disease and Symptoms also provided for that Disease. If people don't know the Disease name then Select the Symptom and it will Display the Disease name.

Smart phones and mobile devices have rapidly become part of everyday life around the world. The availability of cheaper, faster and more proficient mobile devices has led to a lot of innovations in every field where it can be applied. According to a latest Epocrates 2013 survey [1], more than 80% use smartphones today and 90% are expected to use tablets by 2014. Mobile phone use in particular is discharge across the developing world, offering the opportunity to leapfrog further applications and services on both the health and technology fronts [2]. Recent breakthroughs in communication technologies have stimulated the enlargement and demonstration projects in telemedicine, which is therefore considered as an essential technology for renewed healthcare [3]. The success of various tele health care methods is due to the following factors.
• Traffic and carrying difficulties in big cities
• Unequal geometric distribution of physicians [4]
• Very low doctor to residents ratio [5]

• Poor socio-economic conditions of rural people
• Severe shortage of trained doctors and nurses in bucolic areas.

All these factors can be eased to some extent by using smartphones with dedicated software. A mobile application which is known in small as 'mobile app', is a software application designed to run on smartphones, tablet computers and other mobile devices.

Operating systemis developed a lot in last 15 years. Starting from black and white phones to recent smart phones or mini computers, mobile OS has come far away. mainly for smart phones, Mobile OS has greatly evolved from Palm OS in 1996 to Windows pocket PersonalComputer in 2000 then to Blackberry OS and Android.

One of the most widely used mobile OS these days is **ANDROID**. Android is a software stack for mobile devices that includes an operating system, middleware and key Android Inc was establish in Palo Alto of California, U.S. by Andy Rubin, Rich miner, Nick sears and Chris White in 2003. next Android Inc. was acquire by Google in 2005. After original release there have been number of updates in the unique version of Android. Android provides a rich application framework that allows you to make innovative apps and games for mobile devices in Java language surroundings.



The software for the proposed system developed on Android platform which is increasing as most popular operating system intended for smartphones and tablets. Android platform, which is base on Linux kernel with a user interface, is chosen in this work because of its larger flexibility to third parties to use as an open source for program [8]. Hence, it does not require any license or any type of fees to develop on this platform. The code for Android application is write in java programming language which is then changed to java class files by java compiler. The Android SDK convert these files into executable files with file extension as ".dex". The "dex" files and function project resources are packaged into a new file with extension as ".apk". These are the files which contain all the contents of the Android application. The resulting APK files are downloaded to the smartphones also by Bluetooth or High Speed micro USB data transmission cable to publish in its device manager. The respective application with single user ID is then installed into the corresponding user's mobile phone. The installed app will appear on the mointer of the phone with assigned user ID.

SQLite is a open source SQL database that supplies data to a text file on a device. Android comes in with built in SQLite database implementation. SQLite database supports all the relational database features. In order to access this database, you don't need to set up any kind of connections for it like JDBC, ODBC etc. The main package is android.database.sqlite that contains the classes to control your own databases. In order to create a database we need to call this method openOrCreateDatabase(database name,mode,version) with your database.In order to delete a database you just need to call this method insert()In order to delete a database you just need to call this method delet().For in this way we have Update method for this we need to call this method Update().

## RELATED WORK:-

In this application we are providing three Medicine types they are Ayurvedic,Allopathy,Homeopathy. it will give instant Perscription.It is available for every Disease and Symptoms also provided for that Disease. If people don't know the Disease name then Select the Symptom and it will Display the Disease name.

## EXISTING SYSTEM:-

In existed systems, earlier we don't have symptoms button for knowing the disease name and prescriptions instantly in several fields.for that we are providing the symptoms button for identify the related disease names
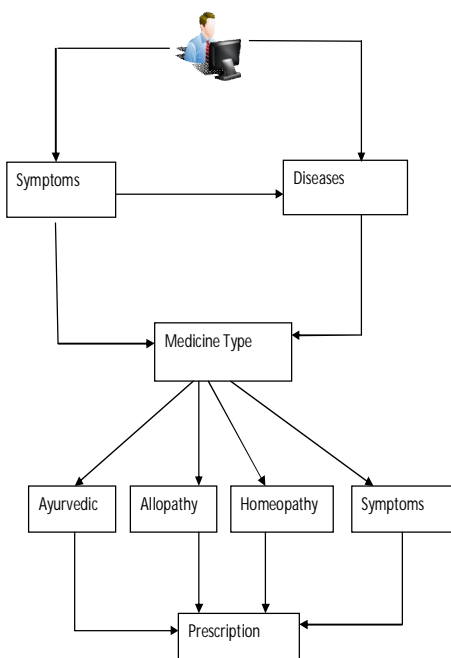
## PROPOSED SYSTEM:-

This is a new android application app speciality in this app is if you click on the symptoms button then it will display the disease name next you can click on the Medicinetype for that disease it will display the prescription in several fields like Ayvurvedic,Allopathy,Homeopathy.

## PROCEDURE:-

1.open google playstore.
Click on google playstore
2.Install the app "MINIDOCTOR".
3.open the app.
4.select the Symptoms or select the disease name.
5)If you enter the select the symptom then click then it will  display the disease name.(or)
6. you select the Disease name.
Click on the Disease name.
7.choose medicine type.
If you select the Medicine type it will display the several fields like Ayurvedic,Allopathy(English Medicine) & Homeopathy.Then select one field
8.Display the Prescription.
It will display the Prescription.
9.Exit.
Close your app.

## CONCLUSION:-

In proposed system, the user will not have to depend on Doctor prescription for all the time . It's the new way to reduce the strain on user.  This application is user friendly (can be used any number of time without any downside or system stuck). It will work up to 4.1.2 version of SDK that is not the latest but the nearest one in the available version of the android.

## FUTURE SCOPE:-

 Hoping these application can work for the Higher android versions .For future scope  we can use the search box  in that  you can type the symptoms in anylanguauge(telugu) it means like google. In google whatever you type spelling mistakes or if you type the English name into telugu then it will display the correct spelling or correct word.

## REFERENCES:-
www.google.com
www.wikipedia.org

## SYSTEM ARCHITECTURE:-