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Android Based Patient Tracking System

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ABSTRACT: Doctors cannot view the details in any other application or device. However, Doctors don't have access to their patient details and they need to go for various documents and files in order to get the data. Nowadays most of the products of patient tracker system sold in the market are of getting information via files takes so much of time, that sometimes it lead to losing up of some important moments of the patients health related life, which is quite annoying and inefficient. As such, there is a high demand for cheap and efficient patient tracker system. Therefore, we came up with an idea and successfully developed a patient tracker system, which could effectively meet this demand

I.INTRODUCTION

We propose to develop an android application to aid in dispensary patient data management and viewing. The system is aimed to help doctors to enter as well as view patient history as well as other patient details. Our system is a standalone system that can be installed on doctor android phone to be used for further login. On installation the application allows a doctor to open application and enter the details of any patient that undertakes his service. The application allows doctor to insert various data fields regarding a patient including patient name, disease, medication provided, date of arrival, cost etc. The system saves this patient related data in the android phone. The doctor may now view this data as and when needed. The doctor may check the details whenever needed. The application allows doctor to search patients by name as well as date.

II.LITERATURE SURVEY

I have implemented an android application for patient data management and viewing. The system aimed to doctors to add new patient personal information and update the medical condition each time he visits. The doctor use the application to get the past medical history of that particular at any given point of time

The Patient Tracker Android Project system is being designed for android operating system and is aimed to support the doctors to view or modify the patient history and details. The system generates a unique login for every doctor in the hospital.Patient monitoring is essential to care in operating and emergency rooms, as well as intensive and critical care settings. Recently android has become one of the most popular technologies used in the medical sector. The aim of the paper addresses the survey on android based patient monitoring system to provide a better health care to people in more economic and pertinent friendly manner. Doctors can continuously monitor the patient's health using the device attached to the patient and an android application. The applications in the healthcare monitoring system remotely monitor the vital signs of the patient and transmit the recorded signal to the doctor. The quality data obtained from the application helps in improving diagnostic and treatment related decision making. This paper also addresses the comparison of the state of the arts solutions available in the healthcare monitoring systems.

III.PROPOSED SYSTEM

We propose to develop an android application to aid in dispensary patient data management and viewing. The system is aimed to help doctors to enter as well as view patient history as well as other patient details. Our system is a standalone system that can be installed on doctor android phone to be used for further login. On installation the application allows a doctor to open application and enter the details of any patient that undertakes his service. The application allows doctor to insert various data fields regarding a patient including patient name, disease, medication provided, date of arrival, cost etc.

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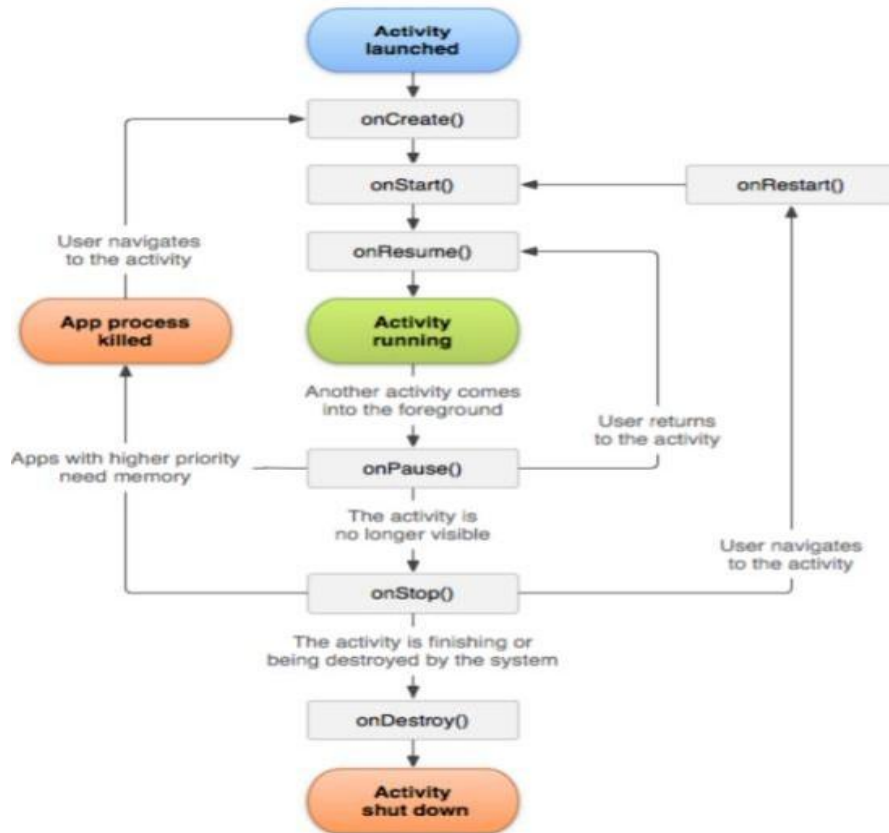

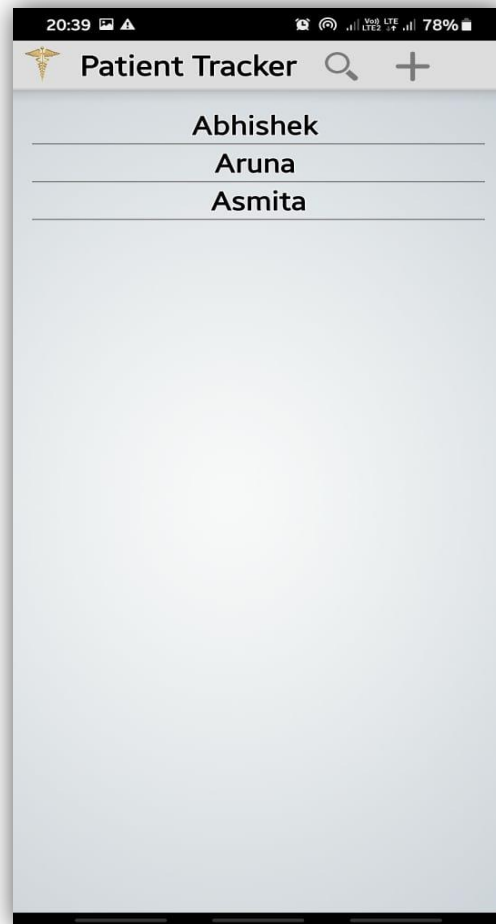**Fig.1 Flow Chart**

IV.RESULTS
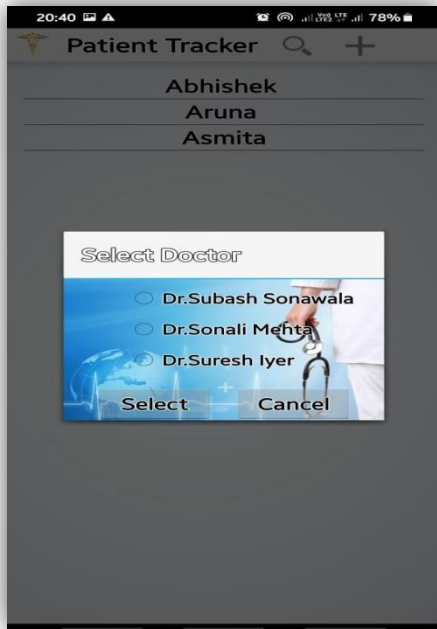

Fig.2.Home Page

Fig.3.Patients List

Fig.4.Selection Of Doctor
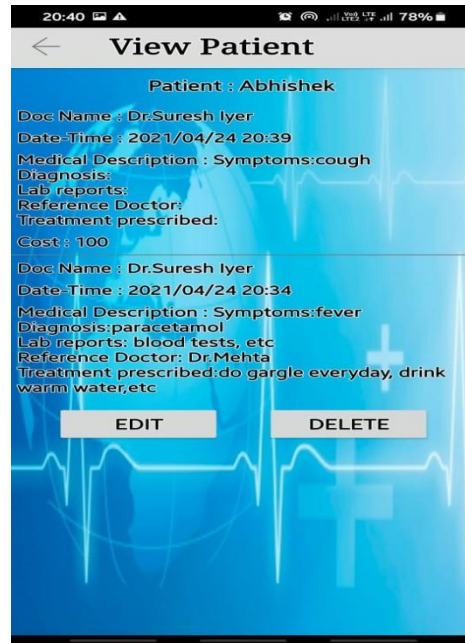

Fig.5.Patients history

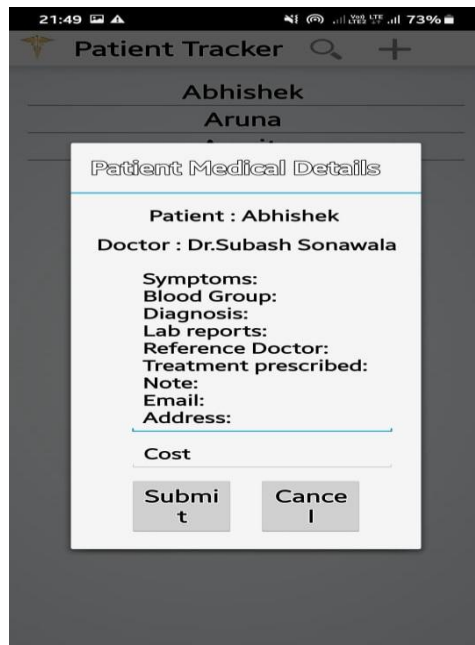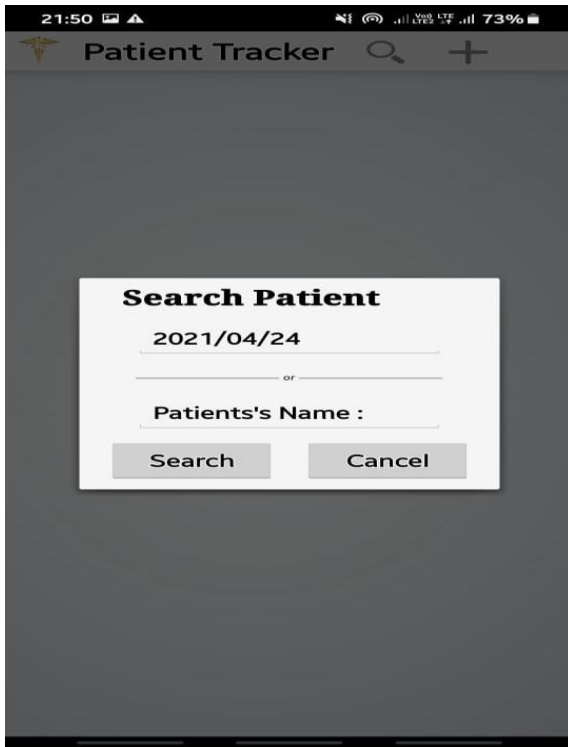Fig.6.Enter Patient Detail

Fig.7.Search Patient   Fig.8.Patient Added

Fig.9.Add patient

V.CONCLUSION

- After execution of our system temperature above 98.6 degrees Fahrenheit is detected we assume the person as feverish or victim and the person is not allowed inside also the camera clicks image of victim and database is handed over to the health care department for covid testing and vaccination.
- On detection if a person is found to be okay, then the person is allowed inside with a green LED flash.

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