Personalized Health Care Management System
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Abstract: Developed and developing countries have recognized the importance of Electronic Health Record in Healthcare Management System. Emergency Medical System (EMS) is a revolutionary approach to emergency medical treatment in some medical emergency. It also describes a mobile system that enables electronic healthcare data storage, update and retrieval using Cloud Computing. It observed that people in unknown area are in severe danger if they don’t able to find hospital quickly. In emergency case a single minute counts so it is very important that automatic applications must be used for decision-making, maintain up to date status of the hospital.

Keywords: Mobile app, Web application, Emergency Medical Services, Book Doctors Appointment, Cloud Computing.

1. INTRODUCTION
The proposed system locates nearest available hospital, contacts its ambulance emergency system, accesses a Electronic Health Record of emergency patient that can critically assist in pre hospital treatments. The system will identify availability of the nearest available specialized hospital all through EMS server which provides continuous information about the incoming patient to the hospital. This paper proposes Android Based Tracking for EMS (Emergency Medical System) on cloud.

Emergency Medical System (EMS) is a revolutionary approach to emergency medical treatment in some medical emergency. It also describes a mobile system that enables electronic healthcare data storage, update and retrieval using Cloud Computing. It observed that people in unknown area are in severe danger if they don’t able to find hospital quickly. In emergency case a single minute counts so it is very important that automatic applications must be used for decision-making, maintain up to date status of the hospital. Saving the time, which can be saved life of the patient. When the doctor or family receives the alarm message, they can immediately take measures to rescue the user. It can also manage the health record of the user. The user can take online medical to send their physical condition and then get prescription from doctor who will send the prescription on the user's phone.

2. NEED OF PERSONALIZED HEALTHCARE MANAGEMENT SYSTEM
The amount of data produced within Health Informatics has grown to be quite vast, and analysis of this Big Data grants potentially limitless possibilities for knowledge to be gained. In addition, this information can improve the quality of healthcare offered to patients. However, there are a number of issues that arise when dealing with these vast quantities of data, especially how to analyze this data in a reliable manner. The basic goal of Health Informatics is to take in real world medical data from all levels of human existence to help advance our understanding of medicine and medical practice. This paper will present recent research using Big Data tools and approaches for the analysis of Health Informatics data gathered at multiple levels, including the molecular, tissue, patient, and population levels. In addition to gathering data at multiple levels, multiple levels of questions are addressed: human-scale biology, clinical-scale, and epidemic-scale. We will also analyze and examine possible future work for each of these areas, as well as how combining data from each level may provide the most promising approach to gain the most knowledge in Health Informatics.

B. Currently Available Personal Healthcare System
Existing system delivers Electronic Health Record is a key factor playing an important role towards the successful adoption of mobile healthcare systems. EHR serves the chronic patients with more convenience and safety by providing medical details of patient for premedical treatments. EHR can be also used by people to keep and maintain their health record on cloud for convenience and safety and future work is Implement Nearest Distance Tracking Algorithm, Tracking Different Parameter like Blood module, Clinic Module, Hospital Information Maintenance and database update, Deployment on Cloud Improve the Graphics User Interface.
This doesn’t cover any emergency services and blood bank search services, which really important in these days if we see.

3. BLOCK DIAGRAM OF PROPOSED SYSTEM
As Emergency Medical Service main function is to provide it user the list of domain specific hospital in his emergency so it has to be quick and appropriate in it decision. While deciding hospital EMS should consider decided variable such as distance, emergency, vacancy and availability of doctors in hospital while giving user list of nearest hospital.

4. WORKING
A. Client Side
1. Graphics User Interface of Electronic Health Record for filling personal and medical information on cloud.

2. Graphics User Interface for editing the information and updating it on server. 3. Emergency will be selected that is accident, heart attack, burn case and so on and send it to server.

4. Also contains some user useful services like Tracking Blood Bank and Clinic Module

B. Server Side
1. Then client accepting request, server gets activated and searches out nearest hospital. 2. It tracks out location of patient. 3. It fetches the coordinates and type of emergency from client.

4. Search Nearest hospital depending upon variables. 5. Add the all hospital information into database which is present on cloud and update it regularly. 6. Generate EHR of patient by pressing the emergency button of phone in case of emergency and send it to selected hospital for pre-medical treatments.

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6. REFERENCES

