

AN APPLICATION FOR HEALTH CARE SYSTEM TO PATIENT

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ABSTRACT

This project "An Application for Healthcare System to Patients" include registration of patients storing their details into the system and also computerized billing in the hospital and laboratory report. The patients will be known, doctor's appointment time, laboratory test and the specific medicine about patient medical situation. They can add data into database. The data can be retrieved easily. The use of information technology and management system for the advancement of health care is more and more important and popular. However, existing efforts have largely focused on the knowledge of the hospital or medical center within the organization, and few are directly targeted at patients, their families and other ordinary people.

Keywords: *patients, laboratory, billing, doctors, Ambulance.*

INTRODUCTION

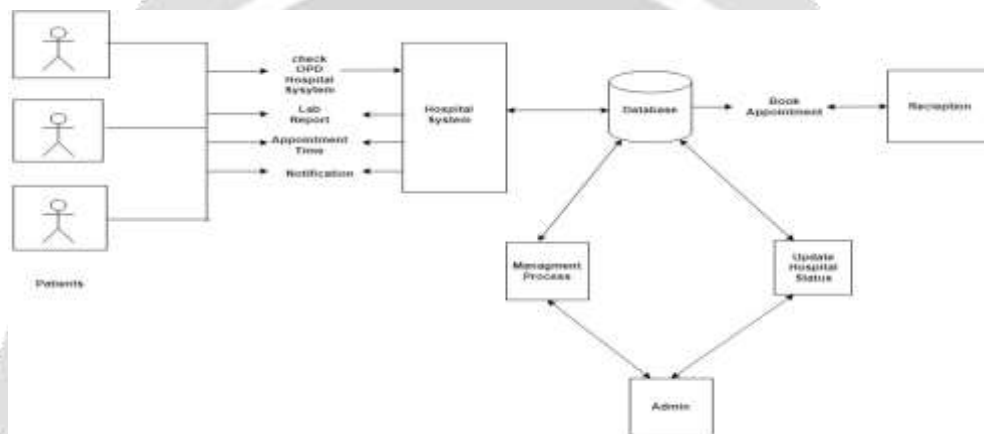
This system provided list of hospital with their disease specialist doctors their job description, their services domain and other vital details so we can take appointment easily. Application for health care system to patients. brings together all the information and process of a hospital in a single platform. When patients book an appointment, hospital management system assign them to the specialist available, or the one that they prefer. For assignments it matches the patient's illness to the doctor's area of expertise. Every hospital or medical institution need to maintain records of bed availability, occupancy status of room with specialist care and more. Ambulance services should be fast and efficient to carry more of patients. Appointment Management: Integrate appointment widgets in your online Hospital management system. Besides, enable easy scheduling for patients with the hospital website. Prescription Management: Make a note of commonly used medicines. On the other hand, switch to digital prescriptions to avoid wrong medication.

LITERATURE SURVEY

A special hospital information management system was established to assist the patient at the hospital front table. The patient will be able to learn about doctors, positions, related departments, laboratory tests and specific medications about the patient's health status. The program will provide extra information on the front desk for hospitalized patients The software also provides assistance to physicians to easily and quickly diagnose the system's

decision-making process. When a patient arrives at the hospital's front desk, the patient will register for the program through a direct question and answer menu. In this paper, based on the management of hospital bed number. Here, the function of query detectability and traceability are maintained. The forged search query can be identified. Furthermore, the identities of the traitor and the at- tacked target user can be traced. We conducted a practical construction, and the performance analysis illustrated that it is efficient. To provide high-quality medical service for sick residents, accurate patient health data analysis is needed. To achieve this, huge Internet of Things devices are distributed; in general, they are resource-constrained devices like micro-controller, smart devices, sensors and actuator. From this, lightweight index generation is needed. Further, with the development of professional technologies in medical science, the hospital manager has to employ many different types of professional doctors. However, many secret details are recorded in the patient health data.

SOLVING APPROACH



This is our proposed framework inside which we build an Android APK for the hospital and patient to build this APK we have utilized HTML5, CSS3, JavaScript, Bootstrap 4.0, and SQL Server 2014. We are developing a web-application as well as android application for the fix appointment of a patient.

Patient Application:

User application which is in the user's hardware, user can register/login, and also, they fix their appointment, they will be check bed is available or not.

Reception Interface:

The reception makes the appointment confirmation and these updates gives to a doctor. Processing different payment for patient, Maintaining the confidentiality of patient and doctors' information.

Admin Panel:

Admin Panel where admin can update the information of doctors and patient, Ambulance status, prepare work schedule, resolve potential issues, maintain organized medical and patient records.

CONCLUSION:

The project of Application for healthcare system to patient is for computerizing the working in hospital. In current system, the front office managing is very slow. The hospital managing system was thoroughly check the availability of doctor and they can fix their appointment. Once the patient can register then their profile will be generated also provide billing facility on the basis of patient status. It generates the test, report, prescription details including various test, checkup and medicine prescribed to patient and doctor. All patient can receive monthly message for checkup.

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- 2) Intelligent Hospital Management System (IHMS) Baki Koyuncu, Ankara University, Computer Engineering Department, Ankara, Turkey bkoyuncu@ankara.edu.tr. type of reference list. Number of references should be limited to 50 (excluding review articles). References should be in a numbered format.

