Smart Health: A Data-Driven Approach for Personalized Health Consulting via a Web-Based Platform

Nikhil Tiwari[1], Sarthak Srivastava[2], Dr Ashima Mehta[3]
Under Graduate Students, Department of Computer Science Engineering[1,2]
Head of Department, Department of Computer Science Engineering[3]
Dronacharya College of Engineering Gurgaon, Haryana, India

Abstract: *This system aims at maintaining patient health records and even getting appointments from various doctors for related treatments. The system user must register as a member of this system and keep updating his medical history. Patients can then select from a list of specialized doctors for respective treatments such as (skin specialist, ENT specialist cardiologist etc) at particular locations. Patients may also select suitable appointment timings for their meeting. Health is one of the most important and fundamental things in everyone's life. To maintain a sound health, everyone needs to consult with doctors. For the time being it become difficult to consult with doctors during the time of need. The Smart Health Consulting System will be able to solve this particular problem. The main purpose of SMART HEALTH CONSULTING SYSTEM is to maintain patients' health record, manage appointment for various treatments within short time and patients will get the opportunity to consult with the chosen doctor. In the case of emergency or if the area is unknown for patient, then in this mean situation knowing the right address or contact info of doctor is really important. This website will provide all the current and authentic information that will assist the user to get the right information. On the other hand, this process will be less time consuming from find a doctor to get the treatment by identifying the diseases.*

Keywords: Smart Health, Personalized consulting, Web-based platform, Data-Driven approach.

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BIOGRAPHY

Hello readers, we are undergraduate students of computer science engineering. We have deep interest in smart health care services and are keen towards researching in this field.