

# **SMART HEALTH COSULTATION**

## **ABSTRACT**

Nowadays consulting a doctor is a tiresome task, we need to find the respective doctor, book appointments and wait for consultation. This is more hectic in the case of emergencies especially when the patient is in an unknown area, finding a doctor is not easy. The patient's appointment may be cancelled when doctor's schedule is changed. In this case, time consumption in emergencies may cause harm to the patient. As a solution to this problem, we introduce a fast and easy to access Smart health consulting system.

The smart health consulting system aims at getting appointments from various doctors of related treatments. It predicts the possible disease of the user by machine learning based analysis of user symptoms, then it presents a location based list of doctors specialized for respective treatments (such as skin specialist, ENT specialist, cardiologist etc.). The available schedules and timings of selected doctor is also shown, where the patient can choose appropriate appointments. The doctor's can also get his/her daily schedules (details of appointments per day).

Consulting a doctor is an obvious thing in our day-to-day life, but the availability of the doctor during the time of our requirement is unpredictable. In order to overcome the issue a proposal of android application is made, this smart health application enables users to get instant solution on their health issues through an intelligent health care application online.

**Keywords:** Smart health, Android application, E-health, Intelligent health care application, Decision Tree Classifier.

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