**HEALTHICA HEALTH ANALYSIS APP**

**ABSTRACT**

It might have happened so many times that you or someone of yours, need doctor’s help immediately, but they are not available. Most people may not be able to visit doctors or clinics every time they become sick or show any symptoms. They might also not be able to track their health and avail prolonged care. Healthica provides a variety of economical services from keeping track of medical prescription to understanding your physical and mental health.

The project showcases the utilization of a web-based application to analyze health for any possible illness and ailments using disease predictors to find acute and/or chronic diseases such as breast cancers, kidney stone, pneumonia, diabetes, heart diseases etc. These Machine Learning (ML) predictions are cross verified instantly by one of the many doctors without any consultation fee. With the Symptoms Check predictor, the model collate and analyze symptoms provided by a given patient to hypothesize possible ailments and diseases. Intelligent machine learning techniques are implemented to predict the most accurate illness.

It is also important for Individuals to keep track of their health and checkups periodically, getting checkup reports and keeping track of them can be made easy through “Healthica”.

Mental Health is other important aspect everyone has to take care of, and through virtual chat bots and natural language processing we can diagnose what a person is going through mentally, by identifying the intent of their messages. The chatbot recommends solutions based on their intent.

Using this web application, patients, doctors and hospitals can have easy access to the patient’s Database. Users can also track their medical prescription, set reminders, view and track their health status through the Dashboard.

Salient features of the web application are wealth of health and nutritional information, one tap ambulance response system, detailed Health Report to be sent to doctors to provide more accurate patient history.

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