Diagnosis of Diseases using Heartbeat Sound

A.Swetha*, V.Vigneshwaran,R.Vimalarasi,S.Sabarirajan,C.Saraswathy

Department of Electronics and Communication Engineering, K.S.Rangasamy College of Technology, Tiruchengode, Tamil Nadu, India

Abstract: The world become very busy. People in the world don't want to waste their precious time for waiting something. In this project we proposed the paper on the basis for time consumption and pre-analysis of diseases by themselves without consulting doctor. This project is used for all the type of aged people. It is not possible to monitor the health of the people regularly. Their energy level may go up and down. They may cause different diseases like fever, cough, etc. The predictions of all diseases are not possible, for that this project diagnosis of diseases using heartbeat sound is designed. Using this project the diseases can be detected using the heartbeat sound. The project contains the database of different diseases sound, which has been stored and compare with the heartbeat sound taken from the sample person. If the sample heartbeat sounds taken from person is match with stored database sound, pre analysis diseases is display. This project is designed for the pre-analysis of this body condition without consulting doctor. It spends lot of money for consulting doctor and spends the precious time. So this project designs software to save the money and also help us to know about the body condition when abnormal. This is simple software with valuable cost which saves the health and also money.

Keywords :GUI Window; MATLAB software: Pan Tompkins Algorithm.

*****