Abstract

The fundamental way of disease detection in the human body using the nail image of human fingers and using the data from the image on the basis of nail colour is elaborated in this paper. In Traditional System there were doctors who could predict the diseases based on the nails but they required more time & also they got poor result. So to overcome that problem we designed a new system called Disease Detection System (DDS) which will give better result in less time. The system uses DIP and analysing techniques to identify such colours of nails. DDS increases accuracy of such observations of nails. DDS applies digital image processing techniques on input nail images to find the certain features in the image using MATLAB. By the crux knowledge of medical palmistry it analyses certain features in image and predicts probable disease. So with the help of DDS system we can detect the disease in its early stage hence the cost can be reduced for the further treatment. As the disease is detected in the early stage so the diagnosis becomes easy for the particular disease.
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