De La Salle University – Dasmariñas

De La Salle University- Dasmarinas
Dasmarinas, Cavite

Expert System on Different Ear, Nose and Throat Diseases (ENT Expert)

An Undergraduate Special Problem
Presented to
The Faculty of Computer Studies Department
De La Salle University – Dasmariñas
Dasmariñas, Cavite

In Partial Fulfillment
of the Requirements for the Degree
Bachelor of Science in Computer Science

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Abstract

Expert System on Different Ear, Nose and Throat Diseases (ENT Expert) is a system that aims to capture the expertise of a human specialist in case there is scarcity of such. One characteristic of this system is that it provides a cheaper consultation than the human expert.

To make the system much more like its human counterpart, the proponents conducted interviews with several experts in this field. The system was programmed using Turbo C. Unlike conventional programming, developing an expert system is highly an iterative process. The knowledge base is grown as additional knowledge is acquired.

The proposed system is capable of diagnosing different ear, nose and throat diseases. It also provides simple treatment and the causative agent of the diagnosed disease. It keeps a database of the patients, thus provides the user with the patient's record and patient's history.

This system aims to enhance the accuracy of the diagnosis, thus giving the proper and prompt treatment for the diagnosed disease.

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