

ABSTRACT

NAME OF INSTITUTION : De La Salle University - Dasmariñas

ADDRESS : Dasmariñas, Cavite

TITLE : An Expert System on Common Human Respiratory Disorders

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OBJECTIVES OF THE STUDY :

A. General

To create a software that could diagnose common Human Respiratory Disorders both on the Upper and Lower Diseases.

B. Specific

1. To develop a system that could help the doctors in the confirmation of their diagnosis.
2. To develop a system that can act as a replacement of health professionals in case there are scarcity of medical experts.
3. To give information about the diagnosed

disease, it's description, symptoms, treatment and causative agent.

SCOPE AND COVERAGE:

This Expert System focus on the most Common Human Respiratory Disorders both the Upper and Lower Respiratory diseases. It gives information about the diagnosed disease, it's description, symptom and medication.

METHODOLOGY :

Phases in the development of an Expert System were followed in designing the software. These include the following: Assessment, Knowledge Acquisition, Design, Test, Documentation and Maintenance.

OUTPUT OF THE STUDY :

) An Expert System on Common Human Respiratory Disorders was developed to diagnose common respiratory diseases through the aid of the computer. The system would determine the disease through the information inputted by the user. Through that the software would then come up with a conclusion. The user would be given information regarding the disease, its description, symptoms and medication. ')

CONCLUSION :

The developed system was able to meet its objectives on diagnosing common respiratory diseases. This Expert System on Common Human Respiratory Disorders serves as a guide for health professionals in their diagnosis, through faster and more accurate source of information technology.

RECOMMENDATION :

The proponents recommend to widened the scope of the respiratory Disorders as well as to include pictures of respiratory ailments so that the user to will have an idea of the appearance of the infected area. Likewise it is further recommended that enclosure of sounds and effects, and enhancement of graphics be designed in the system in order to make it more interesting and user-friendly.