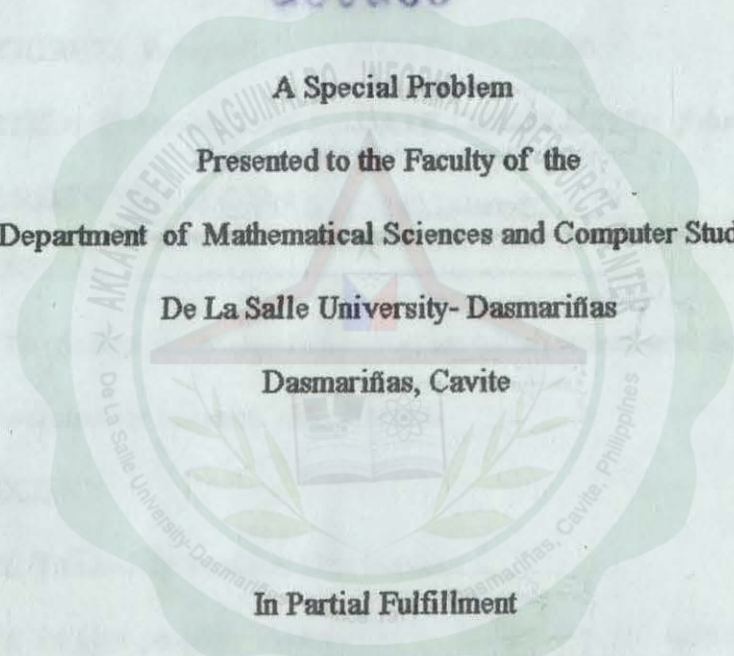


**SKNHERB: An Expert System on Herbal Medicine
for Common Skin Diseases**

500500

**A Special Problem
Presented to the Faculty of the
Department of Mathematical Sciences and Computer Studies
De La Salle University- Dasmariñas
Dasmariñas, Cavite**



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

Emily A. De Nava

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AKLATA' NG EMPO AGUINALDO

ABSTRACT

NAME OF THE INSTITUTION: De La Salle University - Dasmariñas

ADDRESS: Dasmariñas, Cavite

TITLE: SKNHERB: An Expert System on Herbal Medicine for Common Skin Diseases

AUTHOR: Emily A. De Nava

FUNDING SOURCE: Personal **COST:** P5,300.00

DATE STARTED: December 1996 **DATE COMPLETED:** February 1997

OBJECTIVES OF THE STUDY:

A. GENERAL :

To design a computerized program which would give healthful advice on using herbal medicine for common skin diseases

B. SPECIFIC:

1. To identify common skin diseases
2. To give possible treatment to the identified complaints using SKNHERB

SCOPE AND COVERAGE:

This research focused on the simulation of computer as an expert on herbal medicine treating common skin diseases. It was limited for the use of people making queries about skin problems in their personal computers. Furthermore, it dealt with the herbal medicines required for the treatment of common skin problems only.

METHODOLOGY:

This study used VPExpert to design and develop the system. It is a software used as language in designing the system. This also used backward chaining in the evaluation of rules.

OUTPUT OF THE STUDY:

// A VPExpert on herbal medicine was developed to address some common skin problems. The system includes a diagnosis of common skin diseases and an accompanying prescription using herbal medicine. The software was made to run in a DOS-based environment. //

CONCLUSION:

This study would be of great help to people experiencing skin problems that could be addressed by the healthful advice provided by SKNHERB.

RECOMMENDATIONS:

1. Future researchers should conduct a wider study and analysis to develop the system further.
2. The readers should be open-minded about this technology to be able to gain insights into and ideas about the computer world.

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