

DE LA SALLE UNIVERSITY - DASMARIÑAS

Dasmariñas, Cavite

Automated Pet Care System

An Undergraduate Special Problem

Presented to

the Faculty of the Department of Mathematical Sciences  
and Computer Studies

De La Salle University - Dasmariñas

Dasmariñas, Cavite

In Partial Fulfilment

of the Requirements for the Degree  
Bachelor of Science in Computer Science

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March 1997

**ABSTRACT**

**NAME OF INSTITUTION:** De La Salle University - Dasmariñas

**ADDRESS:** Bagong Bayan Dasmariñas, Cavite

**TITLE:** Automated Pet care System

**AUTHOR/ PROPONENT:** Miramed Pineda Puelong

**FUNDING SOURCE:** Parents      **COST:** P 3,000.00

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

**OBJECTIVES OF THE STUDY:****A. GENERAL:**

To be able to develop an Automated Pet care System.

**B. SPECIFIC:**

1. To gather information concerning the do's of taking care of pet animals.
2. To design and construct an information system containing the experience and knowledge of a specialist in the field of animal care.
3. To develop a system capable of determining probable ailments given specific symptom and it would device possible actions.



**SCOPE AND COVERAGE:**

The system focuses only on certain pet animals for the management and proper caring of their health. It give the owners the options what to do on certain ailments of animals but owners themselves will decide on what to do. It would also give them the chance to view the type of housing, breeding, and feeding of certain pet animals.

**METHODOLOGY:**

In obtaining necessary information, the developer of this information system made use of a survey conducted to determine which animals are to be concentrated on within the project. The developer then conducted a series of interviews with a specialist on animal care.

For the applications development, the developer conducted the following: the planning phase; the requirement analysis and design phase; implementation phase and; the program testing phase.

**OUTPUT OF THE STUDY:**

1/ An information system was developed to help owners be informed on certain topics concerning pet animals. The system includes: selecting, breeding, feeding, housing, and general care of certain pet animals;

notepad for editing, deleting, and printing chosen topic; graphics; animation and sound; common ailment listing and symptom.

#### CONCLUSIONS:

Based on the system produced, the author was able to come up with an information system involving animal care on common pet animals. This study would help pet owners as well as pet owners to be, in being informed on certain topics concerning animal care.

#### RECOMMENDATIONS:

The author would recommend the other developer who would pursue the study to include animals such as: the horse and reptiles that was not included system. Implementation should include full multi - media support, such as displaying the life cycle of a particular animal in an animated fashion.

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