

ABSTRACT

Name of Institution : De La Salle University - Dasmariñas

Address : Dasmariñas, Cavite

TITLE : Human CAI : Computer-Aided Instruction on the Human Systems for High School

AUTHOR/PROPONENT : Mary Grace Gasgonia Bitbit

FUNDING SOURCE : Parents

COST : P 5,000.00

DATE STARTED : December 28, 1996

DATE COMPLETED : February 10, 1997

OBJECTIVES OF THE STUDY:

A. GENERAL:

The main objective of this study was to create a CAI on Human System for high schools students.

B. SPECIFIC:

Specifically, this study aimed:

- 1.) to help the students gain interest in their subject with the use of computers, particularly with the eight human systems : skeletal, muscular, circulatory, reproductive, digestive, excretory, respiratory and nervous system;
- 2.) to provide understanding of the objects and discussions appropriate for the students level, particularly the high school students;
- 3.) to provide a new method in studying the subject matter.

SCOPE AND COVERAGE:

^{1/} This study aimed to help the students, particularly the high school students in their Science subject. The scope included the eight (8) human systems and their functions. ^{2/}

METHODOLOGY:

The method used in this special problem was the top-down method for the development of the program and waterfall model in the development of the system.

OUTPUT OF THE STUDY:

// A CAI on the Human System for High School students was developed as a supplement in teaching this particular subject. Its characteristics include: on-line help, examination after the lesson, hypertext words, graphics, storing of record of the students. 3/

CONCLUSION:

The proponent concluded that through the use of CAI the students would be provided understanding of the objects and discussions appropriate for their level, gain interest in their subject with the use of computers and have an additional learning aid to improve their learning ability.

RECOMMENDATIONS:

After going through the process of developing this project, the proponent recommended that further enhancements be made on the software areas wherein improvements can be made such as the incorporation of animation and sound.

