

CAIFA:

Computer Assisted Instruction on First Aid

(A Supplement Tutorial on First Aid)

001000

A Special Problem

Presented to the

Faculty of Arts and Sciences

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Dasmariñas, Cavite

In Partial Fulfillment

of the Requirements for the Degree

Bachelor of Science in Computer Science

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ABSTRACT

NAME OF INSTITUTION: De La Salle University – Dasmariñas

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TITLE: CAIFA: Computer Assisted Instruction on First Aid (A Supplement Tutorial on first Aid)

DATE STARTED: December 1996

DATE COMPLETED: February 1997

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

To produce a CAI software about first aid.

B. SPECIFIC:

- 1.) To give information on first aid to the reader.
- 2.) To discuss topics on how to give first aid on some emergency cases.
- 3.) To give a short quiz at the end of each topic.
- 4.) To allow readers to choose and print a particular topic about giving first aid.
- 5.) To keep a record of the reader's name and the reader's raw grades on each topic.

SCOPE AND COVERAGE:

The computer software is about CAI on first aid and its intended users are Filipinos who are interested to learn first aid. It employs tutorial and drill-and-

practice on first aid. It was made using Visual Basic for Windows version 3.0 on a 486DX2 microprocessor and a VGA monitor.

METHODOLOGY:

The method used was prototyping. It allows all part of a system to be constructed quickly so that the desired characteristics of the system can be decided or clarified before presenting it to the user or reader.

OUTPUT OF THE STUDY:

✓ The system was developed to create a CAI on first aid. The features include: choosing and discussing topics on first aid, skipping of short quiz, record keeping, printing a topic, and hypertext explaining a particular word(s). The software was made to run in a Windows-based environment. ✓

CONCLUSIONS:

The system was made to make a Computer-Assisted Instruction (CAI) software on first aid because it is really hard to find a CAI software that deals in giving first aid. CAI must contain information that is easy to understand and a system that is easy to use or it must be user-friendly. In using the system, it gives information to the reader by discussing some topics on first aid, hypertext is included, the reader's record is kept, there's a randomized set of questions where the system automatically checks the reader's answers, and the reader can easily print, choose and go to his or her desired topic. This serves as a supplement and not a substitute to human teachers but just an aid for them and will contribute to improve the learning process.

RECOMMENDATIONS:

In making the system, the people that will use the system should be considered. The system should be made informative and user-friendly. Additional topics are recommended by the author and additional graphics and sounds will make the system more interesting to use.



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