RIZAL ANG BAYANI: A Computer-Assisted Instruction (CAI) on the Life, Works and Writings of Dr. Jose Rizal

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

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ABSTRACT

NAME OF INSTITUTION: De La Salle University - Dasmariñas

ADDRESS: Dasmariñas, Cavite

TITLE: RIZAL ANG BAYANI: A Computer-Assisted Instruction (CAI) on the Life, Works and Writings of Dr. Jose Rizal

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OBJECTIVES OF THE STUDY:

A. GENERAL OBJECTIVE:

To develop a user-interactive, hypertext based, Computer Assisted Instruction (CAI) on Rizal's life, works and writings.

B. SPECIFIC OBJECTIVE:

1. To develop a software package that will present to the user a summarized discussion of the life, works and writings of the national hero, Dr. Jose P. Rizal
2. To provide the necessary facilities to allow the user to select topics or lesson modules in his desired sequence
3. To provide the lessons and exercises needed to make the user understand the subject

SCOPE AND COVERAGE:

// The project will tackle Rizal's biography, his two famous novels; Noli Me Tangere and El Filibusterismo and a brief description of some of his notable poems and essays. //

METHODOLOGY: Prototyping

OUTPUT OF THE STUDY:

A CAI on Rizal's life, works and writings was developed to demonstrate 2/ improvements in the design of CAI 2/ The improvements 3/ include: graphics, a randomized set of exercises after each topic, hypertext, on-line help, print option, a student evaluation after each lesson and an index menu. The software was made to run in a Windows-based environment. 3/

CONCLUSION:

The project does not intend to replace the role of the teacher as a teaching medium, rather, it will serve as a supplement to the traditional lecture method of teaching.

RECOMMENDATIONS:

The author recommends further enhancement of the graphics and the addition of sound to the finished project to make the lessons more attractive and interesting and the inclusion of a timer for the examinations.

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