

ABSTRACT

NAME OF INSTITUTION: De La Salle University - Dasmariñas

ADDRESS: Dasmariñas, Cavite

TITLE: Development of a Window-Based Computer Dictionary

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FUNDING SOURCE: Personal **COST:** 5,000.00

DATE STARTED: December 29, 1996 **DATE COMPLETED:** February 1, 1997

OBJECTIVES OF THE STUDY:

A. GENERAL

To develop a Automated Dictionary of Computer Terms.

B. SPECIFIC

The specific objectives are:

1. to analyze the past studies done in Rapid prototyping and make them the basis of study and improvement;
2. to familiarize the user of a Computer Dictionary in Windows Interface;
3. to make people appreciate computer as a tool for learning.

SCOPE AND COVERAGE:

The Computer Dictionary is made up of simple and practical terms that are relevant to the user. All terms are basic computer terms with its definition .The process of searching terms is thus more efficient than other computer dictionary. It includes full color pictures and related terms .

METHODOLOGY:

The first step to take is to investigate the problem through analysis, that is, breaking the problem into component parts that can be understood so that it can be dealt with . The next would be to construct a solution from components that address the various aspects of the problem.

OUTPUT OF THE STUDY:

A Computer dictionary was developed to demonstrate improvements in the design of Software Engineering. The improvements include: terms record keeping, pop up menu, graphics, picture, animation and sounds. The software was made to run in Window-based environment.

CONCLUSIONS:

A Computer dictionary software was created using Visual Basic version 3 system with full color picture display . The program includes all basic computer terms and definitions .

The improvement shown in the software are as follows; efficiency in searching terms , editing ability, adding ability, deleting ability, saving capabilities, powerful hypertext ability , and pronunciation of terms capabilities."/

RECOMMENDATIONS:

Further enhancements can be made to make the software more effective .for instance, more terms can be included to make the software complete. Other special features can also be added such as animated graphics and video presentations.