

ABSTRACT

NAME OF INSTITUTION: De La Salle University-Dasmariñas

ADDRESS: Dasmariñas Bagong Bayan, Dasmariñas, Cavite

TITLE: Development of an Automated Graphical Directory Guide for De La Salle University - Dasmariñas

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FUNDING SOURCE: Personal **COST:** 3,000.00

DATE STARTED: November 18, 1996 **DATE COMPLETED:** February 18, 1997

OBJECTIVES OF THE STUDY:

A. GENERAL

To develop an accessible & automated university guide for information purposes.

B. SPECIFIC

The specific objectives are:

1. to facilitate a user friendly environment for information assistance using a Personal Computer;
2. to devise an automated vicinity map capable of directing users regarding building and office locations;
3. to provide an alphabetical search facility on University offices, departments, auxilliary services and campus facilities;
4. to provide immediate response to inquiries about administrators, deans, courses offered, university policies and admission requirements.

SCOPE AND COVERAGE:

// The system includes general information about De La Salle University - Dasmariñas such as history, founders, vision mission, administrators, colleges and courses offered. An automated campus map can guide the user regarding building locations, university offices, facilities and auxiliary offices. An easy-to-use and state-of-the-art menu-driven interface has been implemented for varying user sophistication. //

METHODOLOGY:

A survey on the commonly encountered problems regarding information about De La Salle University-Dasmariñas was conducted in order to determine the core of the special problem. Existing automated systems related to the problem were analyzed to determine the commonalities in modeling the system. The traditional model of software development process was followed freely using the prototyping model. Prototype requirements were gathered and parts of the system were constructed quickly. Review with prospective users and subsequent revisions were thoroughly considered. Testing was made to ensure the quality of the software.

OUTPUT OF THE STUDY:

An Automated Graphical Directory Guide for De La Salle University - Dasmariñas was developed to demonstrate improvements in the design of hypermedia. The improvements includes: An automated campus map that can guide the user regarding building locations, university offices, facilities and auxiliary services. ^{2/} The software was made to run in a Window-based environment. ^{2/}

CONCLUSIONS:

An automated directory guide was developed to address the day-to-day problems of the De La Salle University - Dasmariñas Community and occasional visitors.

These are the trivial questions on office and building locations, current administrators, admission requirements, etc. A software development process model called Rapid Prototyping was used to design the software. Some prospective users were asked to use the system and suggestions were made, thus a stepwise refinement was followed.

RECOMMENDATIONS:

In the evaluation of the running software, almost all of the problems involved were solved. However, there are ways of improving it on the following aspects: First, editing of entries can be implemented; second, providing a complete set of pictures for buildings; and third, improving the graphical representation of the campus map using advance graphics software utilities.

