

**De La Salle University - Dasmariñas**

Page

**An Information System on Cavite Province**

**(Its History and Sons)**

**An Undergraduate 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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**March 1998**

**AKLATANG EMILIO AGUINALDO**

**ARCHIVES**

**31 MAR 1998**

**ABSTRACT**

**NAME OF INSTITUTION:** De La Salle University-Dasmariñas

**ADDRESS:** Dasmariñas, Cavite

**TITLE:** An Information System on Cavite Province (Its History and Sons)

**AUTHORS:** Reshell M. Enciso and Ma. Victoria J. Muyco

**FUNDING SOURCE:** personal **COST:** P 35,000

**DATE STARTED:** 28 OCTOBER 1997 **DATE FINISHED:** 26 FEBRUARY 1998

**OBJECTIVES OF THE STUDY:**

**A. GENERAL**

The *General objective* is to develop an Information System on Cavite Province (Its History and Sons).

**B. SPECIFIC**

The *Specific objectives* are:

- 2/11 aimed to*
1. ~~To~~ provide an informative and reliable data ~~for~~ student/readers about <sup>the</sup> ~~provincial~~ history of Cavite; <sup>3/</sup>
  2. To establish a brief discussion of the subject matter and its parts (Municipalities, the documents of Katipunan, heroes and martyrs); and

3. To remember that heroic age not only to honor our patriots, but more so to maintain the flourishing event of our freedom.

#### SCOPE AND COVERAGE:

"This study focuses on the development of IS on Cavite Province (Its History and Sons)." The selected topics about the IS on Cavite Province (Its History and Sons) are:

- Cavite's profile which includes general information on location, physiography, land area, political subdivision, soil, water resources, climate, mountains, and named islands; natural resources; and social sector (culture). Cavite's cities and municipalities which include its statistical data, location, land area, boundary, number of barangays; history (including religion).
- The Katipunan which includes the purpose and program of the Katipunan, election of the Supreme President, collection of contribution, establishments of districts, flags, preparation of rosters, district rosters, The Katipunan of 1896 by Aguedo del Rosario, the founding of the Katipunan, its objectives, the

structure, kinds of membership, the Katipunan codes, Katipunan in Cavite, Bonifacio in Cavite, and the Tejeros Convention.

- The heroes and martyrs of Cavite during the peasant unrest up to the first republic.

<sup>3/</sup> The system discusses the information briefly. The printing of topics is available. The IS also provides maps of each municipality.<sup>3/</sup>

#### METHODOLOGY:

The model used to develop the software was *Prototyping*.

#### OUTPUT OF THE STUDY:

An Information System was developed to demonstrate improvements in the design of Information System (IS). The improvements include computerized information system concerning Cavite History, serve as a supplement for users, and familiarize the users in the use of computer in studying Cavite History with maps and pictures. The software was made to run a Windows based environment.

**CONCLUSION:**

After the interview, data gathering, and the developing process, the authors conclude that the developed software functions as expected and proved its usefulness. The product provides information and materials to the users through the application of Prototyping.

Because there is a rapid increase in the extent of use of computers, students/researchers will now learn to appreciate history as well as studying. Time, money, and effort in researching will be minimized. Getting complete information about Cavite will be possible as well because the system gives what the Provincial office has.

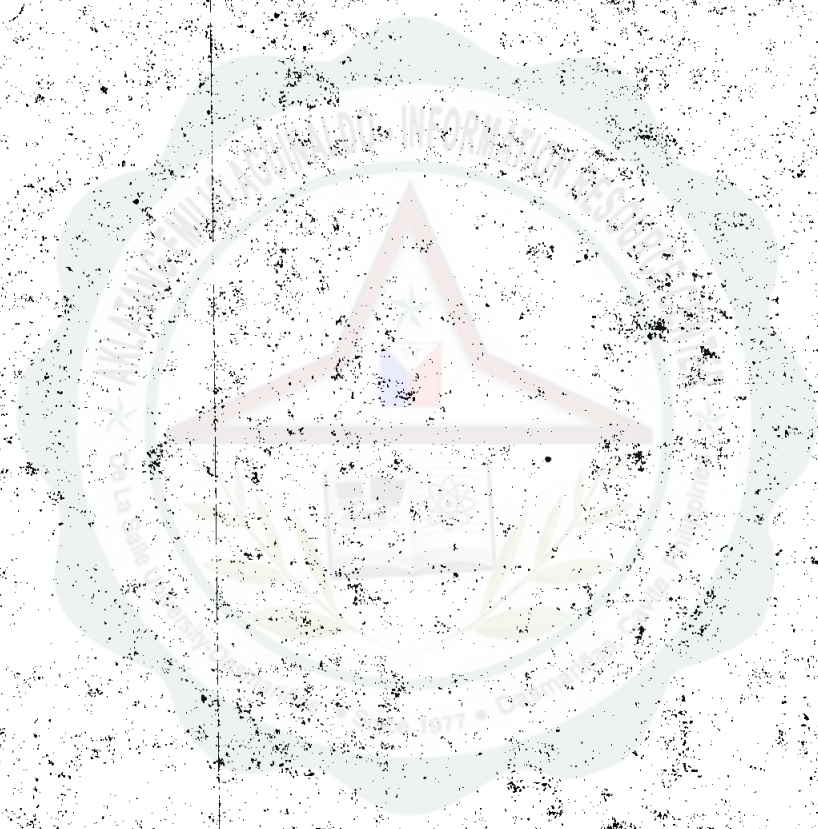
**RECOMMENDATIONS:**

The authors presuppose that the product or the system contains substantial information enough for the user to understand the significance of Cavite. Because of time constraint, they also believe that further development can still be made. Thus, making the system updated to maintain its credibility.

In addition, the authors suggest comprising more topics for the completeness of the system. Pictures and maps can be modified and



additions can be made. Graphics and animation can be improved and sounds can be an additional feature of the system.



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