



De La Salle University - Dasmariñas

**Transaction Processing of AL-JAY Video Rental**

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A Special Problem

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The Computer Studies Department

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by

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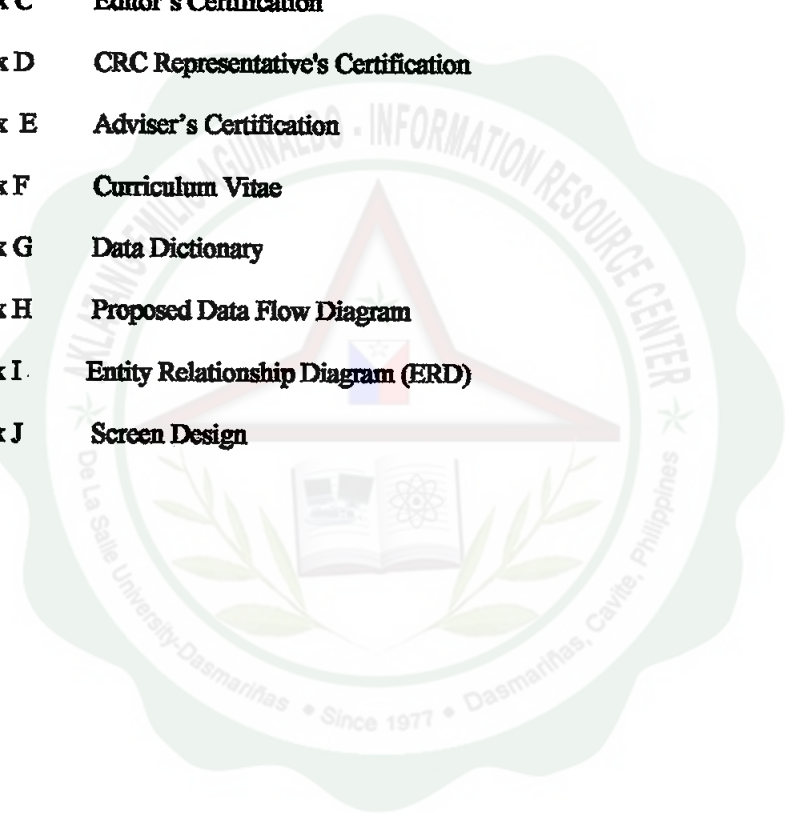
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## ABSTRACT

Information is important to every company since all business decisions rely on these processed data. As the company's profit increases, the volume of data to be processed increases. Reports are being generated to be used in decision making. Information Systems help process huge information, increase productivity and bring the company a competitive advance in the industry.

The TPS for Al-Jay Video will facilitate the rental and return transactions between the company and its members. The system has a database of all the title of tapes available and its members. In the proposed system, updating and maintenance of such files are easier to manage compared to the existing system which is in the manual form.

Specifically, the objectives of this study are as follows:

- ◆ To know the profile of the company including its history and nature of operations.
- ◆ To be able to identify the processes involved in the operations.
- ◆ To understand the management's vision for the company.
- ◆ To have a notion about the available information solutions for the next few years.
- ◆ To interpret the company's objectives and strategies.
- ◆ To analyze the external and internal factors affecting the company.
- ◆ To develop a much faster system compared to the system being implemented in terms of the number of processed transactions.
- ◆ To develop a system that can generate reports for the knowledge of both the management and the customers.

The methodology used to develop an Information System Plan (ISP) is the prototyping method. It is a structured approach to assist a business in determining the needs of the company and the possible IT solutions for their problems in their system.

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Al-Jay Video is one of the existing video rental shops in Imus, Cavite. An Information System Plan (ISP) is developed for the company to maximize the use of information. Part of this plan is automating the processes involved in the said business, by creating a Transaction Processing System (TPS) that supports the company's operations and assist it in the decision making of the top management.

