

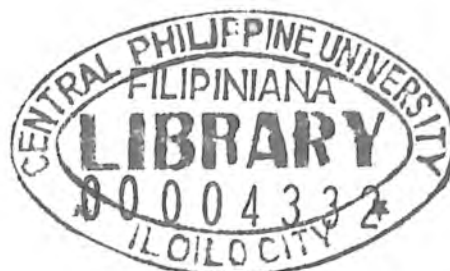
SWIFT TRANSACTION PROCESSING SYSTEM

A Thesis
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ABSTRACT

Swift Foods, Inc. (SFI) is one of the major producers of dressed chicken in the country and was incorporated last June 6, 1994 to assume RFM Corporation's business of manufacturing, marketing and distributing processed and canned meat, poultry and commercial products.

The current system of SFI in Iloilo is semi-computerized in view of the fact that some functions that are still done manually, therefore, Swift Transaction Processing System was developed. For the design and concept of the system, I evaluated some related software such as the following: *DataModes Production and Inventory Control*, *PMS Inventory and Production Pro* and *Order Management Software* to guide me in terms of considering solution for the identified problems.

In developing the system, Rational Unified Process (RUP) was used. The model provides guidelines and examples that are considered vital in the aspects and stages of development that enable me to perform iteration procedures in the Project Life Cycle of the System. Microsoft's Access XP Edition and Microsoft's Visual Basic 6.0 version was used for its back-end and front-end, respectively.

Swift Transaction Processing System was develop to aid the company in their daily operation and production report generation and eliminate the manual process of recording; to easily manage and protect the information within the company to promote data integrity; provides a real-time monitoring of the production, automatic calculations

of the allocations of every distributor, generate billing statements and also for the partial and final reports for the company.

Furthermore, Billing, Pricing and Sales Module features were integrated to facilitate the difficulties of the operation.