

COOPERATIVE INFORMATION MANAGEMENT AND DECISION SUPPORT
SYSTEM IN POTOTAN FARMERS MULTI-PURPOSE COOPERATIVE

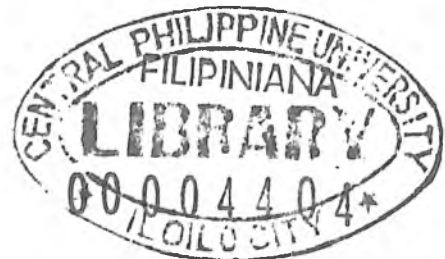
A Capstone Project
Presented to
College of Computer Studies
Central Philippine University
Iloilo City, Philippines

In Partial Fulfillment of the
Requirements for the degree in
Bachelor of Science in Information Technology

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October 2013



ABSTRACT

Management of information in cooperatives that invests in different types of businesses requires numerous processes to guarantee the smooth flow of business. Handling this manually takes an ample amount of time and manpower, which can be lessened by utilizing the aid of software applications and networking. The researchers of this study, entitled “Cooperative Information Management and Decision Support System of Pototan Farmers Multi-Purpose Cooperative”, implements agile method as the systems development lifecycle model. Consisting of the following steps: planning/requirement analysis, design, development, testing, implementation, and operational maintenance with a monitoring stage after every step to minimize errors.

This study focuses on the storage and retrieval of data and information, monitoring of sales and inventory, management and maintenance of individual members records, dividends computation, report generation and a decision support system that generates data to aid in the immediate approval of loans. It also utilizes wireless local area network to transmit data in between the main office and the drug store, grocery, and hardware of the cooperative.

The outcome of the development indicates that the Pototan Farmers Multi-Purpose Cooperative will benefit in the proposed system through its ease of use and efficiency in managing data. In conclusion to this, it is recommended that further enhancement of the study such as inclusion of flexible maintenance setting and a wider coverage of the decision support system to include the sales and inventory will greatly improve the cooperative.