

DEVELOPMENT OF LOAN TRANSACTION PROCESSING
SYSTEM FOR CAVITE STATE UNIVERSITY
MULTIPURPOSE COOPERATIVE

THESIS

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**DEVELOPMENT OF LOAN TRANSACTION PROCESSING SYSTEM FOR
CAVITE STATE UNIVERSITY MULTIPURPOSE COOPERATIVE**

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ABSTRACT

BOBADILLA, MHARIEL L. and CHAVEZ, KIM R. Development of Loan Transaction Processing System for Cavite State University Multipurpose Cooperative. Undergraduate Thesis, Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. April 2018. Adviser: Mr. Marlon R. Pereña.

This study was conducted to help the cooperative manage its risks, enhance its value and improves business performance. The problems encountered were: (1) difficulty in retrieving and updating records; (2) difficulty in monitoring loan transaction history; and (3) difficulty in generating monthly report.

FDD methodology was used to develop the system. The system has two different platforms: desktop application and web application and was evaluated through the use of non-technical and technical evaluation sheets based on ISO 9126. The researchers used mean and standard deviation to analyze the raw data on the evaluation sheet.

The non-technical aspect of the system includes functionality, reliability, usability, and user-friendliness. The overall non-technical evaluation got a mean score of 4.55 and a standard deviation of 0.57 with a verbal interpretation of “Excellent”.

The technical aspect of the system includes functionality, reliability, usability, efficiency, maintainability, portability, and user-friendliness. The overall technical evaluation got a mean score of 4.81 and a standard deviation of 0.39 with a verbal interpretation of “Excellent”.

Based on the results, the system fully met and far exceeded the most expectations.

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