

**COMPUTERIZED FINANCE DEPARTMENT TRANSACTION SYSTEM
FOR THE MUNICIPALITY OF MASINLOC ZAMBALES**

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The study hereto attached entitled

**COMPUTERIZED FINANCE DEPARTMENT TRANSACTION SYSTEM FOR
THE MUNICIPALITY OF MASINLOC, ZAMBALES**

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ABSTRACT

The study was conducted to determine the level of acceptability of IT and non-IT respondents about the proposed Computerized Finance Department Transaction System (CFDTS) for the Local Government Unit of Masinloc, Zambales which the researchers developed. Two rating systems were used: (1). For IT respondents, the ISO 25010: 2011 software quality characteristics which include functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability, and portability; and (2). For non-IT respondents, the software quality metrics which include system quality, information quality, service quality, technological and infrastructural issues, I.T. self-efficacy, and user satisfaction. There were fifteen (15) IT and thirty five (35) non-IT respondents who evaluated and rated the proposed system.

Using the software quality characteristics of ISO 25010:2011, the IT respondents evaluated and rated the proposed CFDTS at 4.31 which is described as "Very Good". They rated "Very Good" its functional suitability (4.36), performance efficiency (4.29), compatibility (4.17), usability (4.29), reliability (4.37), security (4.36), maintainability (4.31), and portability (4.31).

This is a good indication that the proposed CFDTS can be integrated in the financial transaction system of the LGU of Masinloc, Zambales. It will offer faster data connection, effective database management system, security features, faster time in accomplishing transactions, and electronic monitoring of the financial transactions of the LGU. Computerization of transactions and its

database management system will eventually improve the services of the office to its clientele.

Using the software quality metrics, the non-IT respondents "Much Accepted" the proposed CFDTs with an overall mean of 4.28. They rated "Much Accepted" its system quality (4.36), information quality (4.27), service quality (4.27), technological and infrastructural issues (4.10), IT self-efficacy (4.27), and user satisfaction (4.43).

It appears that the computerization of the finance department transaction system is already long overdue and should immediately be implemented. The CFDTs will provide more efficient and more effective transaction processing and handling of information as it is equipped with database management system. This will provide better services to the employees, constituents, local officials and all other stakeholders for a more transparent and good governance of the financial resources of the municipality.

The integration of the CFDTs in the finance department of LGU Masinloc, Zambales will realize a savings amounting to Php 99,544 or 27.70% as compared to hiring three additional staff to be assigned each in the three sub-units of the department with a salary entry of SG 1 equivalent to Php 9,981 per month. Other monetary benefits are not yet included, thus this would mean additional savings.

The researchers highly recommend the following: (1.) Based on the evaluation of the IT respondents, the proposed CFDTs can be integrated in the financial transaction system of the LGU of Masinloc, Zambales. (2) The LGU of

Masinloc, Zambales should allocate enough resources for the integration of the CFDTS in its operations. The CFDTS will offer faster data connection, effective database management system, security features, faster time in accomplishing transactions, and electronic monitoring of the financial transactions of the LGU.

(3.) Based on the evaluation of the non-IT respondents, it appears that the computerization of the finance department transaction system is already long overdue and should immediately be implemented. The CFDTS will provide better services to the employees, constituents, local officials and all other stakeholders for a more transparent and good governance of the financial resources of the municipality.