

**A MODEL OF AUTOMATED MANAGEMENT SYSTEM OF THE DE LA SALLE  
UNIVERSITY – DASMARIÑAS FARM FISH TANKS**

**A Research Study  
Presented to the Faculty of  
Electronics and Communication and Engineering  
De La Salle University Dasmariñas**

**In Partial Fulfillment  
Of the Requirement for the Degree of  
Bachelor of Science in Electronics and Communication and Engineering**

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## Abstract

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The purpose of this study is to Automate the Management System of De La Salle University – Dasmariñas Farm Fish Tanks. This was composed of a miniature of tanks and equipment used and also the control system that was being used to automate the management system. The control system is composed of a Quad 7-Segment display, a relay, PIC Microcontroller (40 pins), transformer, ULN2803A, and an opto-coupler.

This study will be a great help for the caretaker of the said Fish tanks, their work will be lessen and easy to operate.

This study also aimed to improve the management system for farm fish tanks and also to help the caretaker that is assigned.