

**ONLINE MANAGEMENT INFORMATION SYSTEM OF CROPS
FOR DEPARTMENT OF AGRICULTURE IN
AMADEO, CAVITE**

Undergraduate Thesis
Submitted to the Faculty of the
College of Engineering and Information Technology
Cavite State University
Indang, Cavite

In partial fulfillment
of the requirements for the degree of
Bachelor of Science in Information Technology

**ANIZZA FAYE M. ABRERA
CHRISTIAN JOHN L. SOGUILON**
June, 2018

ABSTRACT

Abrera, Anizza Faye M. and Soguilon, Christian John L. ONLINE MANAGEMENT INFORMATION SYSTEM OF CROPS FOR DEPARTMENT OF AGRICULTURE IN AMADEO, CAVITE. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. May 2018. Adviser: Ms. Charlotte B. Carandang.

The study aimed to develop and alternate the existing manual process of department of agriculture for farmers and crops' monitoring system of Amadeo, Cavite, which was conducted from the date of May 2017 up to May 2018. Specifically, it aims to:

- 1.) develop a module that will be easy to collect and save the information of the farmers;
- 2.) develop a module that will compile, disperse and arrange the event report; and 3.) create a module that can produce reports and that can be used for making every decision easier.

The researchers used Iterative as the methodology for this study. Iterative model is a particular implementation of software development life cycle (SDLC) that focuses on an initial, simplified implementation, which then progressively gains more complexity and a broader feature set until the final system is complete.

By the used of this method, saving time are available on researchers because of the fact that iterative focuses on timely delivery of final products, and the simplicity of the method is one more advantage of Iterative projects.

This method introduces five (5) phases; Initial Planning, Concept, Designing, Building, Testing, and Deployment. This is guideline that helps the researchers to have a comprehensive analysis and arrive at certain fundamental conclusion.

TABLE OF CONTENTS

	Page
APPROVAL SHEET	ii
BIOGRAPHICAL DATA	iii
ACKNOWLEDGEMENT	iv
ABSTRACT	vi
LIST OF TABLES	viii
LIST OF FIGURES.....	x
LIST OF APPENDIX FIGURES	xi
LIST OF APPENDICES	xii
INTRODUCTION	1
Statement of the Problem	2
Objective of the Study.....	3
Importance of the Study.....	3
Time and Place of the Study.....	4
Scope and Limitation of the Study.....	4
Theoretical Framework.....	6
Definition of Terms.....	8
REVIEW OF RELATED LITERATURE.....	9
METHODOLOGY.....	21
RESULTS AND DISCUSSION.....	26

SUMMARY, CONCLUSION AND RECOMMENDATIONS.....	50
Summary.....	50
Conclusion.....	51
Recommendations.....	51
REFERENCES.....	52
APPENDICES.....	54