

**CALUFA: AN ANDROID MOBILE APPLICATION FOR
A VIRTUAL DOG BREEDER**

THESIS

**MATTHEW P. LIM
JOHN ACE SON L. VILLANUEVA**

College of Engineering and Information Technology

CAVITE STATE UNIVERSITY

Indang, Cavite

May 2017

**CALUFA: AN ANDROID MOBILE APPLICATION FOR A VIRTUAL
DOG BREEDER**

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

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

MATTHEW P. LIM
JOHN ACE SON L. VILLANUEVA
May 2017

ABSTRACT

LIM, MATTHEW P. and VILLANUEVA, JOHN ACE SON L. CaLuFa: An Android Mobile Application for a Virtual Dog Breeder. Undergraduate Thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. May 2017. Adviser: Ms. Aiza E. Bihis.

The study entitled CaLuFa: An Android Mobile Application for a Virtual Dog Breeder aimed to help spread awareness about dogs, deliver proper care by providing information, improve data gathering, and overall health care assistance for dogs. It identified the problems of some difficulties on determining the characteristics, possible crossbreeds and proper care for the dog through conducting researches and interviews.

This study demonstrates a venture into the possibilities of improving the knowledge about the detailed information of dogs. Furthermore, this study provides knowledge about the possible crossbreed of dogs. The application helps the user in terms of collection, and interaction, even in providing integrity since the information that they gathered plays a critical role in taking good care of dogs.

TABLE OF CONTENTS

	Page
BIOGRAPHICAL DATA	iii
ACKNOWLEDGMENT	iv
ABSTRACT	vi
LIST OF TABLES	x
LIST OF FIGURES	xi
LIST OF APPENDIX TABLES	xii
LIST OF APPENDIX FIGURES	xiii
LIST OF APPENDICES	xiv
INTRODUCTION	1
Statement of the Problem	2
Objectives of the Study	4
Significance of the Study	5
Time and Place of the Study	6
Scope and Limitation of the Study	6
Theoretical Framework	8
Definition of Terms	11
REVIEW OF RELATED LITERATURE	12

METHODOLOGY	44
Materials	44
Methods	45
RESULTS AND DISCUSSION	48
SUMMARY, CONCLUSION AND RECOMMENDATIONS.	70
Summary	70
Conclusion.	71
Recommendations.	72
REFERENCES.	73
APPENDICES.	75