

**DEVELOPMENT OF PETTICURE, PET DISEASE CARE  
MOBILE APPLICATION**

**THESIS**

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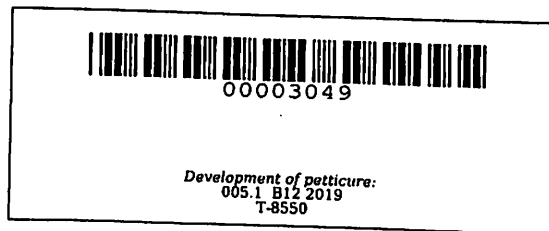
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**DEVELOPMENT OF PETTICURE: PET DISEASE CARE  
MOBILE APPLICATION**

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## **ABSTRACT**

**BACALI, KWON JIN S., MANIMBAO, EUGENE F. and PAGAOA, BETINA FAYE V. Development of PettiCure: Pet Diseases Care Mobile Application.** Undergraduate thesis. Bachelor of Science in Information Technology. Cavite State University, Indang, Cavite. May 2019. Adviser Ms. Aiza E. Bihis.

This study entitled “Development of PettiCure: Pet Diseases Care Mobile Application” was developed to provide a guide to the user especially to the pet owners in preventing common diseases and taking care of dog and cat. While conducting the research, the researchers used questionnaires and interviews to gather data from the veterinarians and pet owners.

The study provides four modules, the Information Module, Prevention Module, Glossary Module and Game Module. The researchers used the Agile Scrum Methodology as their guide in developing the software. It has five phases namely; planning, analysis and design, development, testing and deployment.

The software evaluation used the following criteria: functionality, reliability, usability, efficiency, maintainability, portability, and user-friendliness. Students, pet owners and IT experts from Cavite State University are the evaluators of the system. The system passed all the requirements for the evaluation and had met all the needed requirements for the system.

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# **DEVELOPMENT OF PETTICURE: PET DISEASE CARE MOBILE APPLICATION**

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## **INTRODUCTION**

Pet is an animal that is kept in home that gives company and pleasure. Pets are those animals that can be a buddy, friend and usually became part of the family. Pets played a big part in human life for pets can make their owner happy and remove their stress. As people considered pet as part of the family, it is important to take care of them with all of their heart.

Pets and humans build relations and have interaction in each life but there are problems encountered in the relation of a human to a pet. In-availability of the public clinic of pet owner's house, unavailability of veterinarian 24 hours, and lack of awareness in taking care of their pet.