

**FINDING BOARDY: AN ANDROID APPLICATION FOR FINDING BOARDING
HOUSES IN INDANG, 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
Bachelor of Science in Information Technology



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ABSTRACT

MAGLAYA, KRISTINE LEI BERNAL and PERRAL, PAUL ADRIAN LORZANO Finding Boardy: An Android Application for Finding Boarding Houses in Indang, Cavite. Bachelor of Science in Information Technology, Cavite State University, Indang, Cavite. June 2018. Adviser: Ms. Aiza E. Bihis.

The study was conducted from May 2017 to May 2018 at Cavite State University, Indang, Cavite to develop software that will solve the problems of the students and employees in searching a boarding house specifically within the vicinity of Cavite State University.

In order to know the problems of the students and employees, the researchers conducted interviews and surveys and formulate the objectives that will remedy those problems. Interviews were also conducted to boarding house owners and staff of business permits and licensure office (BPLO) at Indang Municipal Hall to gather important data about their business.

The researchers used software prototyping as their methodology for the development of the system. It has seven phases namely; requirements gathering, design, prototyping, evaluation, review and update, test and final implementation.

The software evaluation used the following criteria: functionality, reliability, usability, efficiency, maintainability, portability and user-friendliness. Students and employees, boarding house 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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