

**PROJECT STORAGE MANAGEMENT SYSTEM FOR PHYSICAL
PLANNING UNIT IN CAVITE STATE UNIVERSITY**

THESIS

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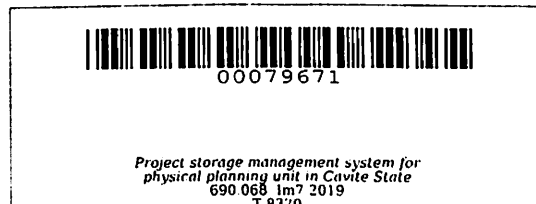
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ABSTRACT

IMPERIAL, JETHRO and LIMPIADA, RJ KRYSS B. Development of Project Storage Management System for Physical Planning Unit in Cavite State University. Undergraduate Thesis. Cavite State University, Indang, Cavite. June 2019. Adviser: Prof. Gladys G. Perey.

The study was conducted from August 2018 to May 2019 at the Physical Planning Unit (PPU) of Cavite State University in Indang, Cavite. The study aimed to develop a project storage management system for PPU to improve their way in storing, organizing and retrieving files, and avoid consuming a lot of time in locating their previous and present projects, files, plans and documents. Specifically, it aimed to: 1) design a module to ease the burden of the difficulty in organizing and storing files; 2) create a module that could easily check previous files and reports; 3) develop module that will help the file secured; and 4) evaluate the system using unit, integration and system testing.

Prototyping methodology was used as the researchers' development paradigm. The system was developed using PHP, XAMPP, HTML, CSS Bootstrap, and MySQL. The system has five modules, such as account management, activity, file management, report generation, and back-up and restore. The administrator and staff are the two level of access of the system. The system was validated through different tests, to name, unit, integration, and system tests.

A total of 14 respondents, which composed of four staff from PPU, five IT experts from the DIT, and five experts from outside the University, evaluated the system. The system was evaluated based on ISO 9126 quality standards, which obtained 4.67 overall mean with verbal interpretation of excellent, it further, signifies that the system met the respondents' expectations.

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INTRODUCTION

Physical Planning Unit (PPU) in Cavite State University in Indang, Cavite is an organization composed of engineers, architects, and other technical persons who prepare plans and estimation of the buildings needed by the University, as well as to monitor, evaluate and supervise its implementation. It serves as the builders of the environment around the Cavite State University. They construct facilities that first comes to their minds and later propose to the executives.

Project storage management system encompasses the technologies and processes organizations used to maximize or improve the performance of their data storage resources.

In PPU, engineers are manually saving their important data in their respective computers, flash drives, and smartphones. Like their projects about the blueprint that they made. In this regard, when the computer breaks down, the important files and the data are also included. In addition, some data in computers are crashed when virus and malware