

**MOBILE EXAMINATION CHECKER APPLICATION FOR
CAVITE STATE UNIVERSITY - IMUS CAMPUS**

An Undergraduate Thesis
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In partial fulfillment
of the requirements for the degree
Bachelor of Science in Computer Science

**JEIGO M. RUBIS
RENZO A. OMPAD
CHRISTINNE LOR P. RAMOS**
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ABSTRACT

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The study focused on developing a Mobile Examination Checker Application for Cavite State University - Imus Campus, the goal of this study is to develop a faster and easiest form of checking students' examinations. The study aimed to provide good and reliable computing grades for each student in every examination. The main goal of this study is to help the faculty members to reduce their workloads in checking students' examinations and help them in managing the grades of each student by providing the result in every task.

In this study, the researchers conclude that the Mobile Examination Checker Application would be effective and provide less work for every instructor in Cavite State University - Imus Campus.

The mobile examination checker application has the following features: To automatically detect the answers of the exam by scanning each student's papers using a mobile phone. To count the correct and wrong answers for each item that provides the result of the examination. Capable of saving the information of each student to prevent losing data. Able to view the result of the examination of the student to lessen the time consumed. To notify instructors/teachers about the list of the students who did not take the exams, and also the list of the students who failed their exams.

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MOBILE EXAMINATION CHECKER APPLICATION FOR CAVITE STATE UNIVERSITY - IMUS CAMPUS

**Jeigo M. Rubla
Renzo A. Ompad
Christinne Lor P. Ramos**

An undergraduate thesis project submitted to the faculty of the Department of Computer Studies, Cavite State University, Imus Campus, City of Imus, Cavite in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science with Contribution No. _____ Prepared under the supervision of Ms. Grace S. Ibañez.

INTRODUCTION

Examinations are used to assess the outcomes of teaching and learning activities to determine a student's capability to understand the lesson. Electronic learning (E-learning) is a rapidly expanding part of the education system that enables the transition from traditional in-class learning to virtual classrooms. Since most organizations throughout the world are transitioning from a paper-based to a paperless environment, online examination systems can use modern internet technology to provide a testing environment that is time efficient, easy to use, and specifically intended to meet the needs of students and teachers.

The manual procedures in use have a lot of shortcomings. They make the process time-consuming and prone to errors, as well as cause examination findings to be published late. Worse, incorrect grades are sometimes entered, resulting in incorrect grade point averages for students. The processing of results is a common occurrence. Every semester at a higher education institution, students' performance is assessed. Examinations, quizzes, practical, labs, and other forms of evaluation are commonly used. Without an assessment of the students, there will not be the need to work hard. (projectgist.com.ng, September 7, 2018)

In 2012, the Cavite State University - Imus Campus was founded as a satellite campus. Located at LTO Compound, Palico 4, Imus City, Cavite. It has since then become Cavite State University Imus Campus and has been accommodating the growing student population. There were improvements in the facilities and constructed a 5-story building. At first, the community had a low count of population and as the years went by, the number of students increased. The student population growth cannot be prevented.

Currently, there are a large number of students enrolled at the institution and there is still a possibility that more students will be added to each room than predicted. Furthermore, Cavite State University - Imus Campus was conducting manual checking that took too much time and that consumed days. As a result of instructors' difficulties with students' records, sometimes instructors are confused when recording the student exam, and because of the instructors' confusion, mistakes cannot be avoided when recording each student's examination results, causing some students unintentionally to receive a low grade in their overall average, especially when the exam has a large percentage in the grading system. In addition, the examination paper also serves as a mini-reviewer for the students.

For generations, teachers have always consumed extra effort and time to check their students' test papers, and this may be considered one of the reasons why individuals choose to discover an easier way to save time. One of the finest solutions to this problem is technology. It's been used for a variety of objectives, including business, schoolwork, marketing, etc.

The proponents aim to develop this application for Cavite State University - Imus Campus to help the school in getting better test results by automatically tallying each number of items and lessen the time needed on recording student examination papers.