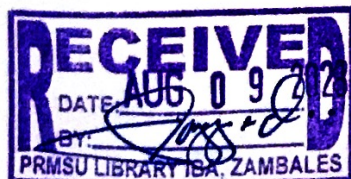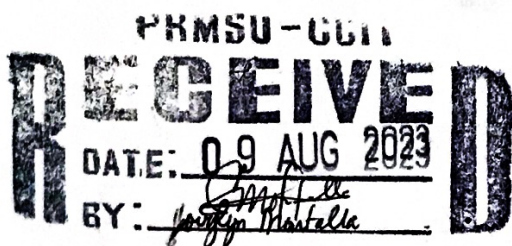# ELECTRONIC – GATE PASS TRACER

A Thesis
In partial Fulfilment of the Requirements
for the degree of Bachelor of Science in Computer Science
College of Communication and Information Technology
President Ramon Magsaysay State University
Iba, Zambales

In Partial Fulfilment of the Requirements for the Degree
Bachelor of Science in Computer Science

by:

Bernadette C. Aque
Alfer John C. Argosino
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Rafael P. Soriano

July 2021

Republic of the Philippines
PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY
College of Communication and Information Technology
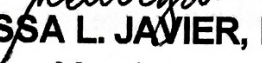Iba, Zambales

APPROVAL SHEET

This study entitled **ELECTRONIC GATE PASS TRACER** prepared and submitted by **ANNE BERNADETTE C. AQUE, ALFER JOHN C. ARGOSINO, JAYVEE D. HESITA, RAFAEL P. SORIANO** in partial fulfillment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE** are hereby recommended for the oral examination.

DANIEL A. BACHILLAR, MSCS
Adviser

Approved by the Panel of the Oral Examiners on July 19, 2021, with a grade of __2.0.__

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Member

Accepted and approved in partial fulfillment of the requirements for the degree of BACHELOR OF SCIENCE IN COMPUTER SCIENCE.

0 9 AUG 2023
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ABSTRACT

The study project 'Gate Pass Tracer' aimed to record the details and various activities of the user. It simplifies the task and reduces the paperwork. This will reduce the paperwork which is done by giving the paper gate pass. The study provides an electronic version of the paper gate pass. Admin is monitoring all the user and system. In this project, the only faculty is approving the user gate application if they want to allow student inside the university premises. The system is very user-friendly and it is anticipated that functions of the system are easily accessed by administrators, Faculties, students, and visitors.

This study aimed to develop and evaluate an Automated Gate Pass System designed to keep track of the students, employees, and visitors passing the campus gate. The system helps manages in monitoring and facilitating records to anyone who passes by the school premises. Thus, the system contributes in securing and monitoring the students, employees, and visitors; thereby generating due and timely feedback to the administration. The objective and scope of the Project E-Gate pass Tracer is to record the details and various activities of the user. It simplifies the task and reduces the paperwork. In this project, the system will reduce the paperwork which is done by giving the paper gate pass. This is an electronic version of the paper gate pass. The researchers shall provide appropriate training to the user which suits their specific needs. Specific support has been provided at key points within the academic calendar. Admin is monitoring all the user and system. In this project, the admin is approving the user if they want to allow visitors inside the university premises. The system is very user-friendly and

it is anticipated that functions of the system are easily accessed by administrators, Faculty, students, and visitors.