



COLLEGE OF COMMUNICATION AND INFORMATION TECHNOLOGY

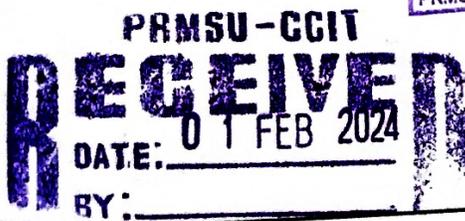
STUDENT QUERIES CHATBOT FOR PRMSU MAIN CAMPUS

**Apostol, Ronald Joseph
Fathallah, Basim Sami
Romanban, John Ed
Sudweste, Jude Vincent**

A Thesis

**In partial Fulfillment 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



June 2023



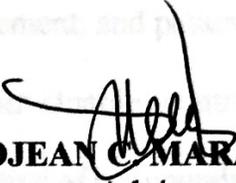
Republic of the Philippines
PRESIDENT RAMON MAGSAYSAY STATE UNIVERSITY
College of Communication and Information Technology
Iba, Zambales



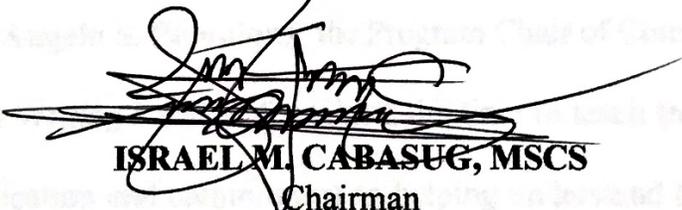
APPROVAL SHEET

This, study entitled **“STUDENT QUERIES CHATBOT FOR PRMSU MAIN CAMPUS”** prepared and submitted by Ronald Joseph M. Apostol, Basim Sami D. Fathallah, John Ed E. Romanban, and Jude Vincent C. Sudweste in partial fulfilment of the requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE** are hereby recommended for oral examination.


CARL ANGELO S. PAMPLONA, MSCS
Subject Instructor


MELOJEAN C. MARAVE, MSIT
Adviser

Approved by the Panel of the Oral Examiners on July __, 2023, with a grade of ____.

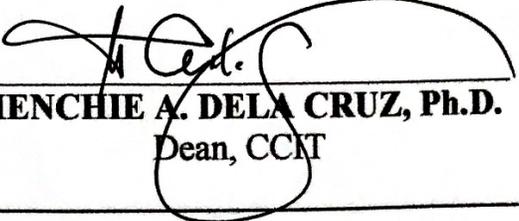

ISRAEL M. CABASUG, MSCS
Chairman


DARWIN M. MORAÑA
Member


DARYL JOHN C. RAGADIO, MSCS
Member

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

01 FEB 2024
Date Signed


MENCHIE A. DELA CRUZ, Ph.D.
Dean, CCIIT

EXECUTIVE SUMMARY

The Student Queries Chatbot for PRMSU Main Campus is a web-based solution aimed at automating access to university information for students. Through the integration of artificial intelligence and natural language processing, the chatbot provides prompt and accurate responses to student queries, improving the accessibility of information and reducing reliance on traditional modes of communication.

The development of the chatbot centers around meeting performance-based requirements, establishing a robust platform for students to access the necessary information. The chatbot efficiently handles diverse student queries, covering areas such as course enrollment, admission, and campus facilities. To guarantee high standards of functional suitability, performance efficiency, compatibility, usability, reliability, security, maintainability, and portability, the chatbot adheres to ISO/IEC 25010:2011 Metrics. This commitment enables the chatbot to provide efficient information retrieval, user-friendly interaction, reliable operation, data security, ease of maintenance, and adaptability to changing circumstances.

The implementation of the Student Queries Chatbot for PRMSU Main Campus significantly enhances the user experience while contributing to the overall efficiency of university operations. By facilitating easy access to pertinent information without the need for direct human interaction, the chatbot empowers students to make informed decisions and alleviates the workload on administrative staff. With its reliable performance, user-friendly interface, and compliance with industry standards, the chatbot serves as an invaluable resource, ensuring efficient access to university-related information.