ONLINE JOB BULLETIN BOARD FOR ZAMBALES

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A Thesis

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for the degree of Bachelor of Science in Computer Science

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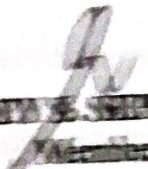College of Communication and Information Technology
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APPROVAL SHEET

This study entitled "ONLINE JOB BULLETIN BOARD FOR ZAMBALES" prepared and submitted by John Dustine M. Sapula, Daniel E. Ebello, Bay-Adrade A. _____, and Jonathan M. Soriano Jr. in partial fulfillment of the requirements for the ____ of **BACHELOR OF SCIENCE IN COMPUTER SCIENCE** are hereby recommended for oral examination.

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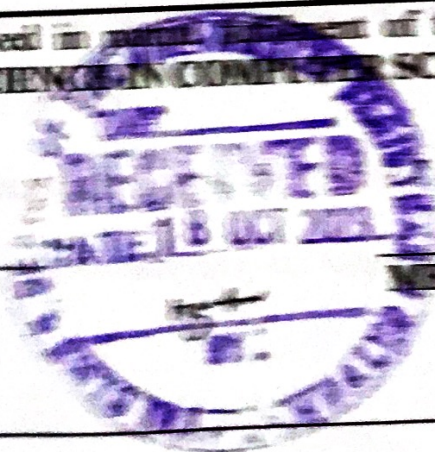
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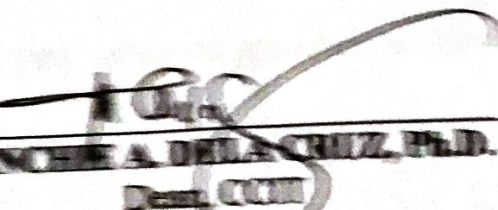**GEOFFROY S. SHIPULLO, Ph.D.**
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EXECUTIVE SUMMARY

The corona virus pandemic has created significant challenges for job seekers, and educational qualifications have become increasingly important in the job market. To address the limited accessibility of job opportunities in Zambales, a specialized online job bulletin board was developed. This platform will improve job accessibility, visibility, and user-friendliness, thereby facilitating a more streamlined job search and recruitment process. The study's ultimate goal is to support job seekers in Zambales and contribute to the economic development of the province. The researchers used TypeScript as the main programming language of the developed system. Firebase Realtime Database is a cloud-hosted NoSQL database provided by Google's Firebase platform was the database used for the system. For enhancement of performance and user experience of web systems Next.js was used for building fast and efficient web system. To test the system effectiveness, the researchers used Agile Methodology Software Development Life Cycle.

The overall evaluation of the system's software quality was conducted with ratings of "Excellent", the evaluation yielded positive results. Furthermore, the evaluation assessed the level of acceptability of the system by employer and applicant both perceived as "Highly Accepted". The evaluation also considered the perception of employer and applicant regarding the level of readiness, both rated these aspects positively, with employer perceiving them as "Very Ready" and applicant considering them "Very Ready."

The Online Job Bulletin Board for Zambales has received positive evaluations and is deemed suitable for applicants and employers. To ensure its successful implementation

and continued effectiveness, the following recommendations were suggested: fully implement the system and conduct periodic evaluations, enhance functionality and user-friendliness, perform regular maintenance, provide orientation and training sessions for users, and stay updated with market trends and technology. By implementing these recommendations, the platform can serve as a valuable resource, offering a user-friendly experience and adapting to evolving needs.