# TITLE PAGE

**UNIVERSITY EVENTS PORTAL SYSTEM WITH EXECUTIVE DECISION SUPPORT SYSTEM INTEGRATION USING METADATA SEARCH APPROACH**

A Research Presented to the Faculty of the

Polytechnic University of the Philippines

Quezon City Branch

In Partial Fulfillment of the Requirements for the Degree in

Bachelor of Science in Information Technology

By

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# **ABSTRACT**

Title : UNIVERSITY EVENTS PORTAL SYSTEM WITH EXECUTIVE DECISION SUPPORT SYSTEM INTEGRATION USING METADATA SEARCH APPROACH

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Degree : Bachelor of Science in Information Technology

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Filipino professionals are encouraged to continuously improve and practice their skills and knowledge in relation to their respective fields. Filipino professionals’ competitiveness may not be questioned, but most them cannot attain, or rather, cannot continue to improve their practices, as they are constrained by their own resources, time, and the difficulty of accessibility to the PRC’s services. This study was used to determine the level of agreement of the respondents in terms of continuing professional development thru CPD Act implementation, and their status of accessing PRC services, and their experience and preferences in using the Green Light application, created for their ease and convenience.

The main purpose of this study is to help the Filipino professionals to be more involved in attaining and doing continuous professional development, not only for their own benefit, but also for the Philippines’ labor power and economy.

The locale of the study is bound in the colleges and universities around Metro Manila, selecting licensed professionals as target respondents and through purposive sampling, the researcher got a sample of 100 respondents. The research method used in the study is a descriptive method which used data gathering through surveys with the use of a questionnaire.

After data collection, the survey results are computation and evaluated to get the desired outcome of the study. The data gathered are rationally examined and interpreted through tables and textual explanation to provide clear detailed results.

The conclusion and recommendations included in this study has brought upon were mainly based on the output that the researcher have accumulated from the respondents of this study.

In conclusion, the Green Light is preferred by the professionals to use as a tool in accessing the PRC services online, and it is also accepted by the PRC to use the web application to provide services to the professionals.

Keywords: Polytechnic University of the Philippines, Master of Science in Information Technology, Continuing Professional Development, Latent Dirichlet Allocation Algorithm, Data Simulation, Learning Activities.

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