AUTOMATED WRITER LABORATORY ACTIVITY CHECKER FOR THE DEPARTMENT OF INFORMATION TECHNOLOGY

THESIS

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ABSTRACT

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The study was conducted from March 2015 to April 2016 at Cavite State University - Main Campus. The purpose of the study was to develop an automated writer laboratory activity checker for the Department of Information Technology that will highlight, list errors and corrections.

The methodology used was iterative development methodology which is composed of the following phases: planning, requirement, design and analysis, implementation, testing, evaluation, and deployment phase. The software was deployed and evaluated by 100 participants composed of instructors and students.

According to the overall evaluation results, the system was judged to be "Excellent". Upon the completion of the study, the researchers concluded that the software was effective in checking the format applied of the student in a writer activity provided by the highlighted generated file and list of errors together with the correction to make the work of instructor easier. Based on the results, the study shows that the software was interpreted as excellent in efficiency, user friendliness and functionality of the software.

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AUTOMATED WRITER LABORATORY ACTIVITY CHECKER FOR THE DEPARTMENT OF INFORMATION TECHNOLOGY

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An undergraduate thesis manuscript submitted to the faculty of the Department of Information Technology, College of Engineering and Information Technology, Cavite State University, Indang, Cavite in partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science with Contribution No_____.
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INTRODUCTION

Libre Office is a free and open source office suite, from OpenOffice.org. It includes a word processor called Writer with similar functionality and file support to Microsoft Word. Writer has everything a user would expect from a modern, fully equipped word processor. It is a simple yet powerful enough word processor for creating documents.

The Department of Information Technology offers computer courses that often includes word processing activities using Writer. Instructors teaching the subject commonly find the manual checking of activities both laborious and tedious. An Automated Writer Laboratory Activity Checker is a new system that will surely benefit the instructors.

The study aims to help the instructors in checking the format applied on the entire content of writer laboratory activities of the students. It will develop a system that will