

UNI

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THE 11TH INTERNATIONAL INNOVATION, INVENTION & DESIGN COMPETITION INDES 2022

EXTENDED ABSTRACTS BOOK



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CTU DIGITAL FLIPBOOK: COMPREHENSIVE GUIDELINES TO PRODUCE WRITTEN ASSIGNMENTS AMONG DEGREE STUDENTS FOR MPU COURSES

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ABSTRACT

Producing written papers for each course taken is one of the requirements for students at UiTM. Despite the ongoing efforts to improve academic learning, students are struggling to produce high-quality assignments. Students' inability to write quality papers can be attributed to several factors. In light of this, this research aims to offer a comprehensive guide for students on writing assignments based on the assessment rubric. This guidebook was produced to briefly explain the concepts that must be present in writing and some other components. The data collection technique uses observation, survey, and document analysis. After some research and survey, it was found that most students need proper guidelines regarding the assessment. The result showed that the digital flipbook is designed to improve the quality of producing written assignments in the MPU course. This flipbook consists of the scoring guide rubric, structure assignment, academic writing including formatting, plagiarism-checking instructions and several samples written assignments. Students can easily access the necessary information through EAC CTU552 course or freely refer to the available online resources. This innovation was chosen since there is no comprehensive guide with simple and clear instructions and explanations in the form of a digital flipbook.

Keywords: Digital flipbook, guideline, written assignments

1. INTRODUCTION

Students may encounter different types and styles of writing assignments in universities. If students are familiar with the proper writing technique, it is not difficult for them to write a paper. The major issue for students is that they do not react well and pay full attention when instructors/lecturers explain the structure and methodology of writing assignments during class. Through observation and analysis of the student assignment material, we discovered more troubling issues, including that the students' assignments do not adhere to the rubric stipulated by Academy of Contemporary Islamic Studies (ACIS) UiTM. This has resulted in obtaining low and moderate marks. Students who joined after the course validation date do not understand the assignment details because those are explained during the first two weeks. This is made worse by students' lax writing habits, which include copying text from any published source online and using it as their own in their papers. This can be proven with the high similarity index after the student assignment report is analysed in the Ouriginal software to determine plagiarism. This act of plagiarism results in a violation of academic ethics (Wan Mohtar et al.,



2018). The study proposed that universities should organise courses or seminars on ethical academic writing to lower the prevalence of plagiarism among students.

Based on various descriptives above, it is important to innovate a simplified guideline for students on writing assignments, especially in delivering material to help them score in their continuous assessment. A study by Mardikaningsih and Kurniasari (2018) has found that flipbook teaching material as a support for blended learning has a positive effect on student learning outcomes. Thus, the opportunity to produce flipbook-based digital in the delivery of teaching and learning material is an effort to improve students' writing skills by employing a systematic approach.

2. METHODOLOGY

Before we began developing the digital flipbook, a questionnaire was distributed to the students and lecturers who were involved in MPU course. This was to enable us to identify the need for a guide in the preparation of the written assignments. This research has collected 260 students' and 2 lecturers' responses from the survey. All comments and input were collected and analysed by using descriptive analysis. The digital flipbook was designed by using the PowerPoint template.

The final research methodology is the development of 'CTU Digital Flipbook' to accommodate the students' needs in preparing written assignments. Qualitative analysis was obtained through expert advice and input during validation to become material for product revision. The product was finalised after being revised according to suggestions and input.

3. FINDINGS

The survey shows that 92.5% of the respondents need written guidelines for MPU courses. According to a survey of lecturers, students' grades for CTU courses indicated low scores because of poorly written assignment evaluations. One of the most frequent criticisms made by lecturers is that an assignment is badly structured.

Considering this research, a group of CTU lecturers decided to develop CTU Digital Flipbook as a comprehensive guideline for students on preparing written assignments according to the proper rubric and format. Based on the needs analysis from expert advice, the digital flipbook chapters were designed, and it included Scoring Guide Rubric as stipulated by Pejabat Hal Ehwal Akademik, ACIS, Universiti Teknologi MARA, Shah Alam, structure assignment, academic writing including formatting, plagiarism-checking instructions and several samples written assignments. The suggestions and inputs provided by the material expert include adjusting indicators with objectives, making book introductions for students, adjusting graphics and learning aspects. This aims to determine students' effectiveness and efficiency in achieving learning objectives.



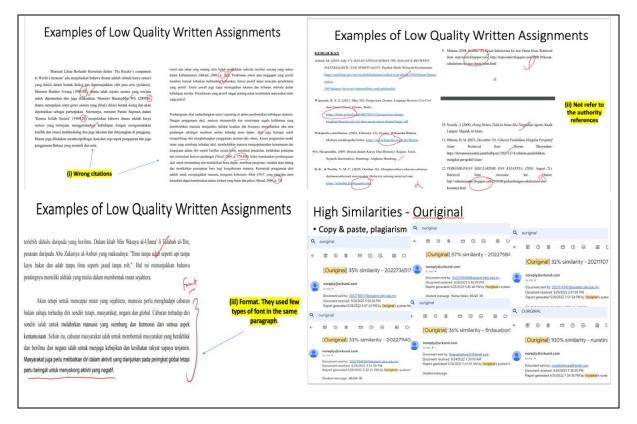


Figure 1 Common Errors Found in Students' Written Assessments

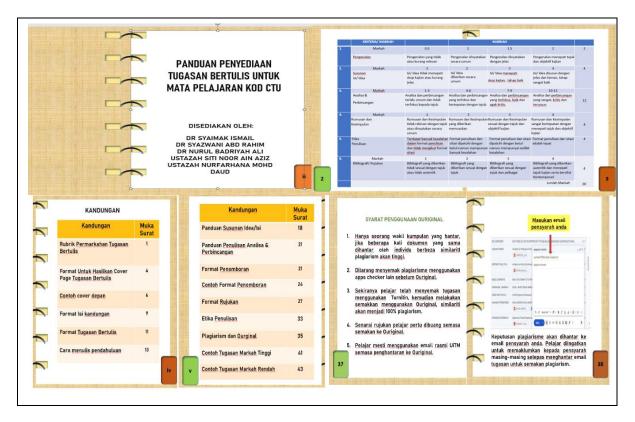


Figure 2 Design of Material Description for Chapters of CTU Digital Flipbook



4. CONCLUSION

This written assignment is worth 30 marks for degree students. The high quantity of marks will affect the student's grades if they do not properly complete the assignment. Thus, creating CTU Digital Flipbook as a guide for written assignments would benefit many students by lowering the likelihood of mistakes being made throughout the writing process. This book is very useful for all MPU students throughout Malaysia universities as a reference and guide for writing assignment but subject to their respective fields of study and formatting requirements and style rules, as well as providing the same point of view regarding writing papers to MPU lecturers.

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