

WEB-BASED CONTENT CREATORS FOR HOME TUITION TEACHERS

Nur Nafizah Binti Ishak and Norziana Yahya
College of Computing, Informatics and Mathematics,
Universiti Teknologi MARA, Perlis Branch
nurnafizahishak@yahoo.com and norzianayahya@uitm.edu.my

ABSTRACT - Web-based content creator for home tuition teachers is a web-based application for English home tuition teachers to create and manage the files for their students. The objective of this research is to address the issues that home tuition teachers confront and provide them with an effective and user-friendly solution to improve their teaching methods. Meanwhile, understanding their needs, challenges, and areas where technology can be leveraged to improve educational efficacy is required for this. This system will include capabilities such as content creation, and resource management that will help in their teaching activities. The purpose of Usability Testing (UT) is to get feedback and suggestions from home tuition teachers about the usability and efficacy of the web-based content creator home tuition teachers. The system is sharpened and improved with the use of this feedback, and any usability or restrictive concerns are resolved.

Keywords: English teachers, home tuition, tuition materials, web-based system, content creators.

1. INTRODUCTION

Home tuition has gained in popularity among students seeking personalized and targeted academic support outside of normal classroom settings. Home tuition teachers are essential for providing students with customized attention, specific education, and academic support. However, managing resources and creating fresh content pose unique challenges for these teachers on a regular basis. Moreover, the manual teaching method is a manual teaching approach, in which teachers frequently rely on physical textbooks. Home tuition teachers can simply assign notes, exercises, and learning materials to their students in advance using a web-based tool. This allows students to study the information ahead of time, become acquainted with the topics, and be prepared for class.

2. METHODOLOGY

The development of web-based content creators for home tuition teachers follows the Agile Model, starting with gathering requirements to identify the specific challenges faced by home tuition teachers and understanding their needs. The next phase is designing the flow of the system by using the design of the storyboard. Development is the phase for generating the system to create the material using the system. However, in the testing phase, there are 30 participants in total for Usability Testing (UT) to run the web-based application. Nevertheless, the last phase is deployed to gather all the information during the development and testing.

3. RESULTS AND DISCUSSION

Usability Testing (UT) was performed on the web-based content producer for home tuition teachers using a sample of 30 respondents. On a scale of 1 to 5, respondents were asked to score several features of the system, such as user interface design, usefulness, ease of use, and usability of the system. The UT results gave vital insights into the system's strengths and areas for improvement, ensuring that it satisfies the user's expectations in terms of usability and functionality. However, there are limitations in terms of the file types supported for developing materials, the process of uploading data, and communication features within the web-based content creator for home tuition teachers. These constraints have the potential to impede the efficient dissemination of content among users, and overcoming them is critical for optimizing the system's usability and efficacy. The web-based application has received highly positive user comments and feedback, indicating a high level of satisfaction among its users.

4. NOVELTY OF RESEARCH / PRODUCT

Home tuition has taken off in our nation. According to statistical data, more tuition centres were registered between 2010 and 2013 (Joshi, 2023). This is so parents do not have to drive their kids to a tutoring institution, which is more convenient and saves time. The home tuition sector has struggled with record management and sharing issues, owing to its reliance on manual processes that entail physical folders and paper-based paperwork by Wei Chun & Mostafa (2021). Teachers are increasingly utilizing the materials created by online teacherpreneurs (Gomes, 2015; Shelton & Archambault, 2018).

The development of a web-based content creator specifically geared for home tuition teachers. This web-based tool is designed to handle the special demands and issues that home tuition teachers confront. The web-based content creator offers a customized and efficient approach to supporting home tuition teachers in their teaching practices by providing a full solution that merges content production and resource management. The web-based tool is beneficial for improving teaching and learning experiences due to its specialization and modification for the home tuition setting.

5. CONCLUSION

In conclusion, the creation of a web-based content creator for home tuition teachers represents an innovative response to the challenges that these educators encounter. The web-based application indicates to improve teaching practices and student outcomes by leveraging technology and adding features such as content creation and resource management.

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