INTEGRATING INNOVATION: IMPLEMENTING PORTABLE DOCUMENT FORMAT (PDF) CONVERSION TO DYNAMIC AND ENGAGING POWERPOINT PRESENTATION

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INTRODUCTION

The study focused on the development of a web-based application system thatserves as the conversion of PDF files into PowerPoint presentations. The ?pdf2ppt? web- based application system lets users upload a PDF file and has the option of either automatic conversion ofPDF into PowerPoint or manualcustomization of slides. The tool leverages advanced algorithms to ensure the accuracy of the texts, images, and graphics to maintain the integrity of the original document. The loading time of the PDF file uploaded by the user will depend on the file size and image quality. PDF-to-PowerPoint is an online platform for design and visual communication. It is designed to convert PDF to PowerPoint using the extracted contents from the PDF Convert pdf to ppt file provided by the user. The export feature ensures that all the changes made during the conversion process are preserved in the final output. The ?pdf2ppt? web-based application system is designed for students and educators who regularly interact with presentations. It allows for easy creation, editing, and sharing of documents or presentations, making it convenient for both presenters and audience.

METHOD

The primary objective of this study is to evaluate the effectiveness and.viability of the web application designed to simplify the process of converting PDF to.PowerPoint. The evaluation instrument applied to determine the system?s acceptability was. an ISO 25010 titled ?Systems and software engineering - Systems and. Software Quality Requirements and Evaluation (SQuaRE) - System and software quality.models? The user interface, navigation, and ease of uploading, and customization of PowerPoint were tested. The study developed a pdf2ppt web-based application system that converts aPDF file into a PowerPoint Presentation. The web application was demonstrated and explained to the evaluators on how the system works. Test cases were used for each feature in order to record the results of the tests. The system flow is shown in Figure 2. It is designed to help students, professionals, and researchers to reduce the time and effort in creating presentations from pdf files. It can be downloaded from the Google Play store.

RESULTS

The "INTEGRATING INNOVATION: IMPLEMENTING PORTABLE. (PDF) CONVERSION TO DYNAMIC AND ENGAGING.POWERPOINT PRESENTATION" achieved its highest rating in "Performance.ulentEfficiency," with an overall weighted mean of 3.50, describe as "Highly Acceptable" Clicked on the template and. click the default 0 to auto.generate the slides of ppt PowerPoint. The user can create customized.contents from the PDF. The study developed a web-based application system that provides a platform for students and professionals who use PDF files as reference for creating PowerPoint slides. The software received its lowest rating in "Portability," with an overall weighted mean of 3.40, still categorized as "Highly Acceptable" This suggests that the software adequately met bothstated and implied needs when used in specific conditions. The test results were created to evaluate the appropriateness,effectiveness, and consistency of pdf2ppt. AngularJS is used for the web application on both front-end and back-end. Nzode.js was used as a framework for back- end. Integrity 3.52 Highly Acceptable is considered highly acceptable. Reusability 3.45 Highlyacceptable is also considered highly Acceptable. This process is illustrated in Figure 11. Figure 13 is a more detailed version of Figure 11 with more details on the design process. Figure 14 is a version of the same article with more information on the development process.

DISCUSSION

The system was evaluated to be Highly acceptable in terms of functional, suitability, performance efficiency, compatibility, usability, reliability, and maintainability. The developed web application entitled ?Integrating Innovation: Implementing Portable Document Format conversion intoynamic and engaging PowerPoint? is an innovative tool designed to save time and effort. The test results have shown that the web application?s user interface can be easily learned and understood. The system can be helpful to students, professors, IT Professionals and can benefit them. The proposed web application was executed without any errors. Suggests adding a feature that can upload two or more files, images, animations, more slides upon. Students (1), Professor, and IT Professionals (1) Usability Usability Sidebar for images and summarize text contents extracted from the PDF file. Additional templates for automatically generated ppt slides. More features like adding tables and more background to choose from. It was found out to be dependable andstable, with no major crashes, bugs, and errors during testing.