

# Exploring Student Perspectives on The Effectiveness of Using E-Book: Easy Notes for Project Management and Practices

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## Abstract

This study aims to explore students' perceptions of using E-Book Easy Notes for Project Management and Practices among students taking the Project Management and Practices Course at Polytechnic Sultan Mizan Zainal Abidin. In an era where digital learning tools are increasingly pivotal in education, e-Books offer simplified, accessible, and innovative methods to navigate complex subjects. The objective of this research is to evaluate students' perceptions of the usability and effectiveness of e-Book Easy Notes in learning Project Management and Practices. This study uses a quantitative method through a questionnaire distributed to 62 students in the Civil Engineering Department who take this course. The data is analyzed using statistical software (SPSS) version 27.0 to identify the respondent perception, learning experience using E-Book, level of effectiveness of E-Book and respondents' perception using this E-Book as a supplementary learning resource. The findings of the study shows that the respondent's perception of this E-Book was rated very positively, with the average mean score of 4.71 and 0.58 standard deviation. While in terms of learning experience aspect, this E-Book was also rated with an average mean score of 4.73 and a standard deviation of 0.51. The effectiveness of this E-Book is also rated as very good with an average score of 4.78. For the respondent's satisfaction using this E-Book, the average mean score obtain is 4.75 and 0.51 standard deviation. Based on the findings obtained, it shows that this E-Book is a very effective and useful learning tool for students. It also has the potential to continue to be widely used in improving the learning experience among students.

**Keywords :** *Students Perspective, Effectiveness, E-Book Easy Notes for Project Management and Practices*

## I. INTRODUCTION

In the modern educational landscape, digital resources have become instrumental in shaping student learning experiences and outcomes. Among these, e-Books have emerged as a prominent tool, offering convenience, accessibility, and an innovative approach to acquiring knowledge. This research focuses on the implementation and impact of one such resource e-Book Easy Notes within the context of Project Management and Practices. Project management, as a critical discipline, requires a comprehensive understanding of theories, strategies, and practical applications. Traditional learning methods, while effective, often fall short in catering to diverse student needs in today's fast-paced, tech-driven world.

E-Book Easy Notes is designed as a user-friendly digital companion that simplifies complex concepts and supports self-paced learning. However, the

effectiveness of such tools is contingent upon how students perceive and interact with them. Understanding their perspective is crucial for evaluating the utility and areas of improvement of these resources. This study seeks to explore students' attitudes, experiences, and feedback regarding the use of e-Book Easy Notes in mastering Project Management concepts. By delving into their perspectives, this research aims to shed light on the strengths and limitations of e-Books in bridging the gap between theoretical knowledge and practical application.

The findings of this research are anticipated to provide educators with valuable insights into the integration of e-Books into academic curricula, thereby fostering more effective and engaging learning environments. Ultimately, this study underscores the importance of aligning educational tools with the evolving needs and preferences of

students to promote optimal learning outcomes in the field of Project Management.

## II. PROBLEM STATEMENT

The increasing reliance on digital educational resources has highlighted the need for effective tools that enhance learning experiences. While e-Books such as Easy Notes for Project Management and Practices have gained popularity for their ability to simplify complex subjects, their impact on students' understanding and application of Project Management principles remains unclear. Despite their potential, there is limited research on how students perceive the usability, effectiveness, and overall contribution of e-Book Easy Notes to their learning process. This gap in understanding poses challenges for educators seeking to optimize digital learning tools and tailor them to student needs. Addressing this issue is crucial for improving educational practices and ensuring that digital resources like e-Books fulfil their promise of promoting student success in dynamic and demanding fields like Project Management.

## III. LITERATURE REVIEW

The integration of digital tools in education has revolutionized the way students' access and engage with learning materials. E-Books have emerged as a significant resource, offering portability, interactivity, and accessibility. According to research, e-Books provide students with the flexibility to learn at their own pace, making them an effective tool for self-directed learning [1]. Despite the growing availability and perceived advantages of e-books, many students continue to favor traditional print books for academic reading. A study involving students from the University of Agder found that while students expressed positive attitudes toward e-readers, a majority preferred print for serious academic study [1].

However, the effectiveness of e-Books depends significantly on their design and usability. Research indicates that poorly designed digital resources can lead to cognitive overload, reducing their educational value. Therefore, understanding students' perspectives on the usability and effectiveness of e-Books is crucial for optimizing their design and functionality [3]. E-Book Easy Notes, as a specific digital tool, aims to address these challenges by providing concise and user-friendly content tailored to the needs of project management students. While there is limited research specifically on e-Book Easy Notes, studies on similar tools

suggest that students value features such as searchability, annotation capabilities, and real-world examples [2].

E-Book Easy Notes, as a specific digital tool, aims to address these challenges by providing concise and user-friendly content tailored to the needs of project management students. While there is limited research specifically on E-Book Easy Notes, studies on similar tools suggest that students value features such as searchability, annotation capabilities, and real-world examples [4]. These features not only enhance engagement but also improve knowledge retention and application.

Despite the advantages, challenges remain in the adoption of e-Books. Factors such as digital literacy, access to technology, and individual learning preferences play a significant role in determining their effectiveness. Addressing these challenges requires a comprehensive understanding of students' experiences and feedback, which this research aims to provide [3].

E-books are often praised for their portability and convenience, allowing students to access learning materials anytime and anywhere. Studies highlight that students appreciate the ability to search for keywords, annotate, and bookmark within e-books, which enhances their learning experience. For instance, [5] emphasize that e-books provide students with efficient and accessible reading tools, making them favourable in modern educational settings. Additionally, [6] found that university students viewed e-books as effective learning resources, especially during the pandemic when accessibility and portability became crucial for academic success.

The integration of multimedia elements, such as videos, quizzes, and hyperlinks, in e-books has been shown to improve engagement and comprehension. Interactive e-books are noted for their effectiveness in catering to diverse learning styles and improving academic outcomes. For example, [7] demonstrated that interactive e-books significantly enhance students' academic performance, engagement, and satisfaction by incorporating multimedia elements such as videos and quizzes [7].

Interactive and well-structured e-books are more likely to yield positive results compared to static digital texts. For instance, [8] demonstrated that e-books with interactive features and well-organized content significantly improve student engagement and academic performance. Students with limited access to reliable internet connections or appropriate digital devices often struggle to engage with digital learning materials effectively. These challenges are especially pronounced in rural or low-income

communities, where students may depend on outdated hardware or shared devices. Additionally, a lack of institutional support, such as training or access to academic platforms, can further hinder students' ability to utilize e-books to their full potential. According to [9], students from marginalized backgrounds in Malaysia reported significant barriers to online learning due to digital inequity, which also affected their interaction with e-books and other digital resources.

Similarly, [10] found that during the COVID-19 pandemic, the digital divide significantly impacted students' educational experiences, reinforcing existing inequalities and highlighting the need for more inclusive digital infrastructure. These findings emphasize that while e-books offer many advantages, their benefits are not universally accessible without addressing underlying socio-technical disparities. [11] emphasized the role of digital technologies, including e-books, in improving accessibility and personalizing learning experiences in modern education systems.

However, student responses to e-books are not universally positive. Some research highlights challenges and limitations associated with e-book usage. For example, [12] noted that while some students preferred the digital format, others still favoured printed books due to eye strain, navigation difficulties, and the tactile experience offered by physical texts. This divide often correlates with students' technological proficiency, learning preferences, and the subject matter of the course.

The effectiveness of e-books also varies depending on the discipline and type of content. Studies have shown that for subjects requiring intensive reading or referencing, such as law or medicine, students often prefer physical books due to their ease of navigation and reduced eye strain [13]. The use of e-books in educational settings has gained considerable momentum, particularly with the rise of digital learning platforms. Many students appreciate e-books for their convenience, portability, and cost-effectiveness. E-books enable instant access to a wide range of academic resources and support interactive features such as highlighting, note-taking, and multimedia integration. These functionalities are often cited as key reasons for students' growing interest in digital texts [9][14]. E-books are widely recognized for their portability, cost-effectiveness, and accessibility, making them a popular choice among students [8][15]. However, students' perspectives on e-books vary widely, influenced by factors such as individual learning styles, technological proficiency, and the nature of the academic content [5].

## IV. RESEARCH METHODOLOGY

### A. Research Design

This study used a descriptive quantitative approach, utilizing a questionnaire as the primary tool for data collection. The questionnaire was distributed to respondents through Google Forms to ensure accessibility and convenience. It is divided into five key sections: Respondent Demographic, User Perception of E-Book Interface, Learning Experience, Effectiveness of E-Book and Student's Satisfaction of Using E-Book.

### B. Research Sample

The sample for this study consists of 62 Civil Engineering students taking the DCC40132: Project Management and Practices course.

### C. Data Analysis

The study items were measured using scores based on the Likert Scale. Data was analysed using Statistical Package for Social Science (SPSS) version 27.0 to obtain the value of mean score and standard deviation. This mean and standard deviation translated into the Student Perspectives on The Effectiveness of Using E-Book: Easy Notes for Project Management and Practices.

**Table 1: Score Mean Interpretation**

Score Mean	Interpretation
1.00 – 2.33	Low
2.34 – 3.66	Moderate
3.67 – 5.00	High

## V. RESEARCH FINDINGS AND DISCUSSION

### A. Respondent Demography

**Table 2 : Respondent Demography**

		Frekuensi (f)	Peratus (%)
<b>Gender</b>	Male	34	55.0
	Female	28	45.0

### B. Effectiveness of Using E-Book: Easy Notes for Project Management and Practices

**Table 3 : User Perception of E-Book Interface**

Bil	Item	Mean	Sd
1	The interface of E-Book Easy Notes is easy to navigate	4.74	0.57
2	I find the content of E-Book Easy Notes to be well-organized	4.70	0.58

3	E-Book Easy Notes is accessible on the devices frequently	4.70	0.58
<b>Average</b>		<b>4.71</b>	<b>0.58</b>

Table 3 above shows the result of the user perception of E-Book Easy Notes for Project Management and Practices interface. Based on the results of the study, the first item, which assessed the ease of navigation of the E-Book Easy Notes showed a mean of 4.74 with a standard deviation of 0.57. This indicates that most respondents found the application interface to be very easy to navigate, with relatively small variations in their responses as demonstrated by the low standard deviation.

The second item also assessed the respondents' perception of the organization of the E-Book content. With a mean of 4.70 and a standard deviation of 0.58, this data shows that most respondents felt that the content in the E-Book was organized and easy to follow, with a relatively low variation in responses.

For the third item, which measures the accessibility of the E-Book, the mean of 4.70 and standard deviation of 0.58 indicate that the application has a high level of accessibility. The nearly identical standard deviations suggest a high level of agreement in respondents' responses.

Overall, the mean of 4.71 with a standard deviation of 0.58 indicates that the E-Book is highly rated by users in terms of user-friendliness, content organization, and cross-device accessibility. High scores for all three elements indicate that the E-Book is very user-friendly and meets the needs of most students for a simple and effective learning experience.

**Table 4 : Learning Experience**

Bil	Item	Mean	Sd
1	E-Book Easy Notes enhances my understanding of Project Management and Practices.	4.75	0.46
2	Using E-Book Easy Notes makes learning more engaging	4.70	0.55
3	Feel confident in applying the knowledge gained through E-Book Easy Notes	4.74	0.51
<b>Average</b>		<b>4.73</b>	<b>0.51</b>

Table 4 above shows the item of student's learning experience using E-Book Easy Notes for Project Management and Practices. For the first item assessing the effectiveness of the E-Book in improving the understanding of Project Management and Practices, the mean value is 4.75 with 0.46 standard deviation which indicates that

most respondents felt that E-Book was very helpful in improving their understanding. The small standard deviation value indicates that almost all respondents had similar views, with little variation in ratings. For the second item, which examined the extent to which the E-Book makes learning more engaging, the mean of 4.70 and standard deviation of 0.55 indicates that the majority of respondent found the E-Book more engaging. The slightly higher standard deviation compared to the first points indicates differences in user responses, but overall, the positive impact on the learning experience was clear.

Regarding the third item, which measures users' confidence in applying the knowledge gained in the E-Book, the mean of 4.74 and standard deviation of 0.51 indicate that most users feel very confident in the practical application of the knowledge gained in this E-Book. This indicates that this E-Book not only facilitates understanding but also provides confidence in the practical application of knowledge.

The overall mean of 4.73 with a standard deviation of 0.51 indicates that the E-Book is highly appreciated by users for project management and interactive learning. The majority of respondents felt that the e-book not only improved their understanding but also made learning more interesting and gave them the confidence to apply the knowledge gained.

**Table 5 : Effectiveness of E-Book Easy Notes for Project Management and Practices.**

Bil	Item	Mean	Sd
1	E-Book Easy Notes provides relevant and up-to-date information on Project Management	4.80	0.43
2	The visual aids (e.g., diagrams) in E-Book Easy Notes are helpful for understanding complex topics	4.75	0.46
3	E-Book Easy Notes is an effective tool for preparing assignments and exams	4.79	0.48
<b>Average</b>		<b>4.78</b>	<b>0.46</b>

The above Table 5 shows the mean and standard deviation result for the effectiveness of E-Book Easy Notes for Project Management and Practices. The first item shows that the E-Book scores highly in providing up -to date information related to project management where the value of mean is 4.80 and standard deviation is 0.43. This reflects the student's confidence that the content is updated and aligned with current curriculum requirements. For the second item, the mean value obtained is 4.75 with

0.46 standard deviation for the effectiveness of visual aids such as diagrams in aiding the understanding of complex topics. The third item shows that students consider the E-Book to be an effective tool for preparing assignment and exams, with a mean of 4.79 and a standard deviation of 0.48. This indicates that the E-Book content is presented in a practical manner and easy to use as a primary reference.

The overall mean of 4.78 with a standard deviation of 0.46 indicates that the E-Book not only provides relevant and high-quality information but is also presented visually and practically to promote student understanding. The consistent ratings indicate a positive consensus among students regarding the functionality and effectiveness of the e-book in an academic context.

**Table 6 : Student’s Satisfaction Using E-Book Easy Notes for Project Management and Practices.**

Bil	Item	Mean	Sd
1	Satisfied with the overall quality of E-Book Easy Notes	4.72	0.54
2	Would recommend E-Book Easy Notes to other students	4.74	0.54
3	Overall experience using E-Book Easy Notes has been positive	4.79	0.44
<b>Average</b>		<b>4.75</b>	<b>0.51</b>

Table 6 above shows that the student’s satisfaction using E-Book Easy Notes for Project Management and Practices. For the first item, score mean value obtained is 4.72 with a standard deviation of 0.54, indicated a high level of satisfaction with the overall quality of E-Book. Although there was some variation in responses, most respondents rated the quality of E-Book positively. The second item indicated that students are willing to recommend this E-Book to their friends, with a mean of 4.74 and a standard deviation of 0.54. This indicates a high level of trust in the E-Book as a useful and reliable learning resource. The third item show the highest mean value of 4.79, with a standard deviation of 0.44, illustrating that the overall experience of students using the E-Book was very positive. The low standard deviation value also indicates uniformity in users’ perceptions of their experience.

Overall, the mean of 4.75 with a standard deviation of 0.51 indicates that students rated the E-Book very positively in terms of quality, reliability and user friendliness. The high mean score across all items indicates high satisfaction, while the moderate variability in responses, which a stable range for positive interpretations.

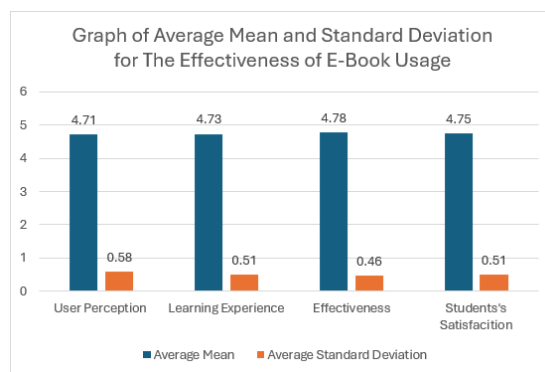


Figure 1: Graph of Average Mean and Standard Deviation for The Effectiveness of E-Book Usage

Figure 1 above show the graph of average mean and standard deviation for the effectiveness of E-Book usage. For the first item evaluated, the average mean obtained is 4.71 with a standard deviation of 0.58 indicates that the E-Book is highly rated by users in terms of user-friendliness, content organization, and cross-device accessibility. For the learning experience, can be seen that the average mean obtained is 4.73 with a standard deviation of 0.51 indicates that the E-Book is highly appreciated by users for project management and interactive learning. Most respondents felt that the e-book not only improved their understanding but also made learning more interesting and gave them the confidence to apply the knowledge gained. While the average mean for effectiveness item is 4.78 with a standard deviation of 0.46 indicates that the E-Book not only provides relevant and high-quality information but is also presented visually and practically to promote student understanding. For student’s satisfaction also, it shows that the average mean obtained is 4.75 with a standard deviation of 0.51 indicates that students rated the E-Book very positively in terms of quality, reliability and user friendliness.

## VI. CONCLUSION

In conclusion, the students' perspectives in using E-Book Easy Notes for Project Management and Practices were overwhelmingly positive across all assessed dimensions. As education continues to embrace digital transformation, e-books have emerged as pivotal tools for enhancing accessibility, engagement, and learning outcomes. The results of this study affirm that *E-Book Easy Notes* is an effective and well-received learning resource, appreciated for its usability, content organization, accessibility, and overall user experience. This e-book not only provides relevant and up-to-date information, but is also easy to use, and very helpful in learning. With high accessibility and good content layout, the E-Book Easy Notes successfully provides a platform that supports interactive learning and makes it easier for students to prepare

for assignments and final exams. Compared to traditional learning methods, this e-book offers distinct advantages such as portability, interactive features, and immediate access to updated content. These benefits not only support self-paced learning but also reduce dependency on physical materials, making it especially valuable in remote or hybrid learning environments.

Moreover, the insights gained from this study can inform future e-book design by emphasizing user-centered features such as intuitive navigation, modular content structure, and embedded multimedia elements. Designers and educators should consider these factors to optimize digital learning tools for diverse student populations. However, future research should aim to broaden the scope of analysis. Expanding the sample size, including participants from multiple institutions, and incorporating qualitative data such as interviews or focus groups would provide richer insights into user experiences and learning outcomes. Longitudinal studies could also explore the sustained impact of e-book usage on academic achievement and digital literacy. Overall, *E-Book Easy Notes* demonstrates strong potential as a scalable and impactful educational tool, with implications for both pedagogical practice and digital resource development.

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