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The Role of Evaloexam in Fostering Technological Innovation and Entrepreneurship in Education

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Abstract. *Innovation in the education sector has become essential with the advancement of digital technology, creating various new platforms and applications to enhance the quality of learning. This study aims to identify the role of Evaloexam in driving innovation in the education sector and fostering a spirit of technological entrepreneurship. The methodology used is quantitative research with a survey approach, involving educators and students who use Evaloexam in high schools (SMA). A total of 100 respondents were randomly selected, and data was collected through online questionnaires over one month. Data analysis was conducted using descriptive and inferential statistics. The research findings show that Evaloexam significantly contributes to facilitating the educational evaluation process and encouraging innovation in new ways of assessing and analyzing student learning performance. This application also sparks interest in technological entrepreneurship among students and educators. The research results also match the findings of previous studies that support the integration of technology in education for improved performance and efficiency. The practical implications of this research are that Evaloexam and similar applications can be more widely integrated into the education system to support innovation and the technological entrepreneurship ecosystem. However, this study is limited to a small sample and one type of evaluation application with a limited data collection period. For future research, it is recommended to involve a larger sample size, a longer duration, and to compare various evaluation applications to obtain more comprehensive insights.f.*

Keywords *Technopreneur, Enterpreneur, Education*

1. INTRODUCTION

Innovation in the education sector has become a major topic in various educational forums around the world (Fitriani, 2020). With the advancement of digital technology, new applications and platforms continue to emerge, offering innovative ways to enhance the quality of learning and education management (Hakim et al., 2024). One of the standout innovations is Evaloexam, an application specifically designed to assist the evaluation process in education. Evaloexam not only provides ease in compiling, distributing, and managing assessments but also plays a significant role in promoting innovation and technological entrepreneurship spirit among educators and students.

This application introduces a new approach to evaluation by offering various features that facilitate the evaluation process, such as automatic question creation, result analysis, and comprehensive reporting. With its ability to integrate with various other learning platforms, Evaloexam enables educators to adopt a more structured and efficient approach to assessment, thereby providing faster and more accurate feedback to students. However, the contribution of Evaloexam is not limited to just improving the efficiency of assessments.

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The application has a broader impact by encouraging innovation in learning and evaluation methods. The use of AI inspires educators to think beyond conventional boundaries and explore new methods that are more adaptive to the needs of students in the digital era (Zahara et al., 2023). This aligns with the demand for more personalized and responsive education in response to technological developments. Furthermore, Evaloexam also plays a role in fostering the spirit of technological entrepreneurship in the education sector. As stated by (Diantama, 2023), by providing advanced and user-friendly technological solutions, this application opens opportunities for educators and students to develop their technological and innovative skills. The use of Evaloexam teaches them to think critically and creatively in solving problems and to adapt quickly to technological changes.

Previous studies have explored various aspects of technological innovation and entrepreneurship in education, such as the impact of online learning tools (Maruf & Anjely, 2020), the role of digital assessments (Kunnan, 2024), and the intersection of educational technologies and entrepreneurship (Purnomo et al., 2020). However, these studies generally focus on broad categories without examining the specific role of Evaloexam. This leaves a gap in the literature regarding how Evaloexam uniquely contributes to fostering technological innovation and entrepreneurship in educational contexts. This research aims to address this gap by assessing the specific impact of Evaloexam on these areas. This research aims to identify various ways in which the Evaloexam application can drive innovation in the education sector and explore how this application can foster the spirit of technological entrepreneurship (Pabubung, 2021). Through a deeper understanding of the role and impact of Evaloexam, it is hoped that effective strategies can be developed to utilize technology in improving the quality and effectiveness of education, and to prepare the younger generation for high skills and innovation spirit..

2. LITERATURE REVIEW

1. Concept of Innovation in Education

Innovation in education refers to the introduction of new methods, ideas, or products aimed at improving learning outcomes and teaching processes (Indarta et al., 2022). Factors influencing this innovation include technology, educational policies, and stakeholder engagement.

2. Technological Entrepreneurship

According to Purnomo et al. (2020), technological entrepreneurship, or technopreneurship, involves the creation and development of new technological products or services that can create value in the market. In the education sector, technological entrepreneurship can take the form of developing learning applications, e-learning platforms, or evaluation tools such as Evaloexam.

3. Educational Evaluation Applications

Educational evaluation applications like Evaloexam provide digital solutions to assess student learning performance more efficiently and accurately (C. P. Pratiwi et al., 2022). Existing literature highlights how such applications can positively impact the educational process by streamlining teachers' workflows and enabling more detailed learning data analysis.

2. METHODS

This research adopts a quantitative design aimed at systematically collecting and analyzing data from application users (H. D. Lestari & Parmiti, 2020). The survey method is used as the primary approach to obtain relevant data from two target groups, namely educators and students (Pramana et al., 2020). By using surveys, the research can encompass a large number of respondents and provide a broader picture of perceptions and the use of the Evaloexam application in educational settings.

The population in this study consists of all educators and students registered as users of the Evaloexam application at the high school level. To obtain representative results, this study uses a random sampling method to select a sample of 100 respondents from said population. Random selection aims to minimize bias and ensure that every member of the population has an equal chance of being chosen as a respondent.

Researchers use questionnaires as the main instrument for data collection. The questionnaires are designed with a combination of closed and open-ended questions. Closed questions allow researchers to obtain measurable and easily analyzed quantitative responses, while open-ended questions give respondents the opportunity to express their views and experiences more freely regarding the use of the Evaloexam application.

Data collection is conducted by distributing the questionnaires online to the selected sample. The use of this method considers ease of access for respondents and efficiency in data collection. The data collection process takes place over a month, providing ample time for respondents to participate and fill out the questionnaire without feeling rushed.

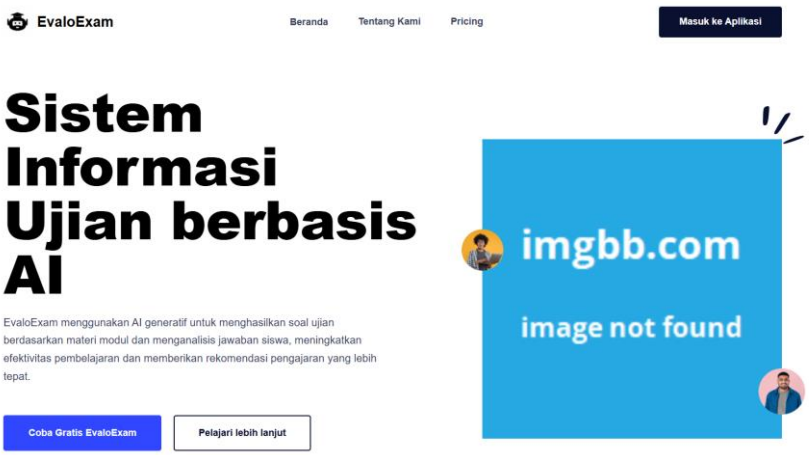
Once data is collected, analysis is conducted using descriptive and inferential statistical techniques. Descriptive statistics are used to present an overview of the data obtained, such as frequencies, percentages, averages, and standard deviations. Subsequently, inferential analysis is applied to identify relationships and trends between the variables studied, as well as to test research hypotheses if any. This analysis aids in drawing data-supported conclusions, thus providing insights into user perceptions regarding the Evaloexam application...

3. RESULTS

The research results indicate that the Evaloexam application significantly facilitates the educational evaluation process. The majority of respondents agree that this application fosters innovation by introducing new ways to assess and analyze students' learning performance. Additionally, the use of this application has sparked interest in technological entrepreneurship among students and educators. These results suggest that the Evaloexam application can drive innovation through a more efficient and effective approach to educational evaluation. The involvement of technology in the evaluation process not only simplifies teachers' tasks but also provides useful data for data-driven decision-making. These findings are consistent with previous research showing that the integration of technology in education can enhance performance and efficiency (M. N. Hakim & Abidin, 2024). However, this research contributes new insights by highlighting the aspect of technological entrepreneurship that was previously rarely discussed.

4. DISCUSSION

EvaloExam website https://evaloexam.web.id is an AI-based exam information system platform designed to simplify the education evaluation process through various innovative features. The platform offers the convenience of creating exam questions automatically using Generative AI technology, which analyzes module materials and student responses, and provides personalized evaluation reports to make learning more effective and relevant for learners. The ease-of-use feature is offered through one integrated dashboard for lesson management, modules, exam rooms, and results analysis. The simple and user-friendly interface design makes it easier for teachers and students to carry out the education evaluation process.



Gambar 1

The quality and credibility of EvaloExam are supported by its recognition as a finalist in prominent technology events such as the Indonesia AI Innovation Challenge 2024. This recognition reflects its commitment to efficiency, student creativity, and innovative solutions in modern education. The AI-based features of this platform help create exam questions that are not only relevant but also adaptive to students' learning styles, providing a more personalized learning experience and fostering deeper student engagement.

However, EvaloExam also has some shortcomings that need to be addressed. One of these is the lack of accessible pricing information directly from the main page, requiring users to navigate further to find details. Additionally, as a new service, EvaloExam has not yet accumulated enough user reviews on a broad scale to objectively assess its reliability and consistency. This poses a challenge for the platform in building trust among potential users. As noted by (Aditiawan & Soedarto, 2021), the privacy and security of user data are also areas that need more attention. More detailed information on data protection in its privacy policy can clarify EvaloExam's commitment to maintaining the security and confidentiality of users' personal information. Clarity in this area is crucial to attract and retain users' trust.

Overall, EvaloExam has great potential to support education with modern technology, especially in the context of AI-based teaching and evaluation. This platform is well-suited for educational institutions looking to enhance exam efficiency and provide a higher-quality learning experience through advanced technology. By increasing transparency in its pricing and data security policies, as well as gathering more user reviews, EvaloExam can further strengthen its position as an innovative solution in the educational world. For interested users, EvaloExam offers a free trial option that can be utilized to explore a variety of features offered.

5. CONCLUSION

This study concludes that the EvaloExam application plays a significant role in driving innovation in the education sector and fostering a spirit of technological entrepreneurship. The application provides an efficient solution for evaluation and also opens up opportunities for the development of technology and entrepreneurial skills. It is recommended that educational institutions actively adopt evaluation technologies like EvaloExam to enhance the quality of education and inspire students in the fields of technology and entrepreneurship.

6. LIMITATION

This study is limited to a relatively small sample and covers only one type of educational evaluation application. Additionally, the data was collected over a limited timeframe, which may not fully reflect the overall user experience. Future research is recommended to involve a larger and more diverse sample and to be conducted over an extended period to explore the long-term impact of using educational evaluation applications. Furthermore, follow-up studies could compare various evaluation applications to gain more comprehensive insights..

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