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# PERCEPTIONS OF STUDENT AND LECTURER IN ELECTRICAL ENGINEERING DEPARTMENT (JKE) AT POLITEKNIK KUCHING SARAWAK (PKS) ON THE USE OF “*KALKULATOR PNM*” APPLICATION

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## ***Abstract***

This study investigates the perceptions of students and lecturers in Electrical Engineering Department (JKE) at Politeknik Kuching Sarawak (PKS) on the use of *Kalkulator PNM* application, a tool designed to simplify Grade Point Average (GPA) calculations. By enabling students to effectively monitor their academic performance, the application aims to provide a clearer understanding of their standings and facilitate proactive academic planning. Utilizing a mixed-methods approach, the study integrates quantitative data collected through surveys and qualitative insights gathered from open-ended feedback section with both students and lecturers. The respondents comprised of 75 students and 18 lecturers from JKE. The findings reveal a spectrum of responses towards the *Kalkulator PNM*. Many students appreciate its accessibility and the time-saving advantages it offers, which help them better manage their academic responsibilities. However, some students also express concerns regarding its usability and report occasional inconsistencies in the GPA calculations. Lecturers, on the other hand, recognize the application's potential to enhance academic advising by providing real-time academic data. They stress the importance of user training, highlighting that a better understanding of the application's features could enhance its effectiveness. Additionally, they emphasize the necessity of continuous updates to address any technical issues, ensuring that students can rely on the tool for accurate information. The study indicates that while the *Kalkulator PNM* holds promise in fostering academic success, several enhancements are necessary to maximize its impact. Improvements in the user interface could make the application more intuitive and user-friendly, addressing students' concerns about usability. Moreover, addressing the technical issues identified by users is crucial for building trust in the application's reliability. Providing ongoing support and guidance is also essential to encourage widespread adoption of the *Kalkulator PNM* among students and lecturers alike. By offering training sessions and user feedback mechanisms, the department can ensure that users remain engaged and informed about improvements and updates. In conclusion, while the *Kalkulator PNM* is a valuable tool for supporting academic performance monitoring in the JKE department, addressing concerns about usability, technical reliability, and user support will be vital for enhancing its effectiveness and fostering a culture of proactive academic planning among students.

***Keywords :*** *Academic Performance, GPA Calculation, Kalkulator PNM*

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