

ABSTRACT

The number of internet users in Indonesia in the range of 2021 to 2022 has increased by 77.02% which is divided into each major island and province in Indonesia. This is also accompanied by an increase in the use of mobile devices to access the internet such as social media and digital transactions. From this growth, Java Island has the second highest number of internet penetration in Indonesia and has the number one number of internet contributions in Indonesia. However, Java Island itself has three provinces, namely DKI Jakarta, West Java and Central Java which have a digital security score below the national average. Demographically, the majority of internet users are students/students who actively use the internet every day, either to access social media or to make digital transactions.

Currently the world continues to adopt the internet as a medium for socializing, transacting and other daily activities. The widespread use of the internet has not escaped the threat of cyber crime. Knowledge of the basics of cyber security is the first protection for every individual to prevent cyber crime. Cybersecurity awareness plays an important role in the use of the internet as well as mobile devices. With the expansion of the scope of internet use, research on cyber security awareness must also continue to be carried out by developing indicators for assessing cyber security awareness.

The method used in this study is a quantitative method that tests theories and indicators using numbers and statistical analysis. To get answers to research questions, the analysis technique used has a descriptive purpose for the phenomenon under study. The focus area used combines theory from previous research to become indicators.

The results of this study indicate that students in the provinces of DKI Jakarta, West Java and Central Java have good cybersecurity awareness although there are several indicators that can be improved by taking educational measures for students.

This research succeeded in providing an overview regarding cyber security awareness among university students in the provinces of DKI Jakarta, West Java and Central Java. However, there are still some limitations from this research so that future research can dig deeper into measuring cybersecurity awareness. Future research can also explore more about the most appropriate technical actions to increase cybersecurity awareness.

Keywords: *Cybersecurity awareness, information security management, university students*