

ABSTRACT

This study uses a mixed-methodologies approach that combines quantitative and qualitative methods to assess the degree of information security awareness among college students in Telkom University's Faculty of Informatics. The quantitative method involved the use of a questionnaire based on the Human Aspect of Information Security Questionnaire (HAIS-Q), focusing on password management, email usage, internet use, social media, mobile devices, information handling, and incident reporting. The results showed that the overall level of information security awareness was relatively good, with an average of 85.24%. However, there were deficiencies in the behavioral dimension, particularly in internet usage and incident reporting, with average scores below 80%. Qualitative research through interviews revealed that although students understood the security risks, they tended to neglect security practices when accessing information or using public Wi-Fi. A gap was also found in the focus area of incident reporting within the campus, where fear of being judged and concerns about damaging social relationships could hinder their actions. The research recommends the need for improvement in the behavioral dimension to enhance information security awareness among students.

Keyword: HAIS-Q, mixed method, information security awareness, college student, Telkom University.