

ABSTRACT

Currently the application store market that is more in control of the application market is Google Playstore which is based on Android. While the development of mobile device users in Indonesia currently reaches 177.9 million in January 2018. It turns out that the high number of users in Indonesia is in line with many cases that occur in Android Mobile Apps. The reason is because the Mobile Application does not provide sufficient security information which creates a lack of awareness of users in entering personal information such as e-mail, telephone numbers, addresses etc.

Therefore, through this study the authors will measure information security behavior on android mobile apps users against harmful behavior, add-on utilities, and disaster recovery users based on their demographics (gender, age, educational background, income) with the aim of (1) to measure the level of information security behavior of users of android mobile apps in Indonesia by age group, (2) to measure the level of information security behavior of users of android mobile apps in Indonesia by sex, (3) To measure the level of information security behavior of android mobile users apps in Indonesia based on educational background, and (4) to measure the level of information security behavior of users of android mobile apps in Indonesia based on income.

This research uses quantitative descriptive method to collect data through an online questionnaire to 400 respondents who use android mobile apps at least once a day. The data obtained will be processed using SPSS 24.0 software using the chi-square cross tabulation data analysis technique, namely to see differences in information security behavior and the proportion of android mobile apps users based on their demographics.

Based on the results, it shows that there are several relationships between the security behavior sub variables and the demographic sub-variables. Therefore, it would be better if users of Android mobile apps can be wiser in their use and to increase information security in using android mobile apps on their smartphones.

Keywords: Security information, Security behavior, Mobile Apps, Demography