

# A Study on The Influence of College Students' Intention to Use Mobile Apps.

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- **Abstract:** The purpose of this study was to provide basic data for the efficient provision of health information data by identifying the effects on nursing students' intention to use mobile apps. Data collection was conducted from May 1 to May 10, 2019, with the consent of the subjects, and 199 participants were used for the final analysis. Prior to collecting the data from the study, we describe the purpose of the study, how to collect the data, and how to discard the data at the end of the study. In addition, the survey was conducted with the written consent of the person wishing to participate. The questionnaire was composed of demographic characteristics, perceptions, attitudes, and intention to use medical-related apps. The collected data were analyzed using descriptive statistics, t-test, ANOVA, Pearson's correlation, and multiple regression using the SPSS 21.0 statistical program. Due to this study, the difference in intention to use medical-related mobile apps according to general characteristics showed significant results in grades, achievements, major satisfaction, and experiences for medical-related apps. Subjects' intention to use mobile apps was found to be positively correlated with performance expectations, ease of learning, mobile proficiency, attitudes toward health-related apps, social influences, facilitators, and self-efficacy. It was found that the proficiency of mobile users and the attitude toward medical apps had a negative correlation with anxiety factors. As a result of the regression analysis, the factors affecting the intention to use medical-related mobile apps were in the order of attitude toward medical-related apps and self-efficacy. The factors used in the analysis were found to explain 51.5% of the factors affecting the intention to use mobile apps related to medical information.
- **Keywords:** Mobile app, intention to use, recognition, attitude, university student