

ABSTRACT

One of the application of smart city in Surabaya is e-Health. Surabaya E-Health is a online registration platform to access health services in hospitals and public clinics. The number of users of this service from 2015 to 2017 has increased. This increase is an illustration that people are starting to be interested in using this service. Therefore researchers want to know the factors that influence people's interest in reusing Surabaya e-Health services.

This study uses the TAM (Technology Acceptance Model) model introduced by Davis. The purpose of the research is to discover perceived of usefulness and perceived of use to society's interest to reuse Surabaya e-health. This research used quantitative method. the type of this research is causal research. Scale used is the likert five scale. The sampling technique in this study was non probability by convenience sampling method to 100 respondents in hospitals and several health centers in Surabaya.

The results of this study show the adjusted R^2 value of 73.5%, this explains that 73.5% interest in reusing Surabaya e-Health services is influenced by independent variables. The results of this study concluded that partially or simultaneously, perceived of usefulness and perceived ease of use had a positive and significant effect on people's interest in reusing Surabaya e-Health services.

Keywords: Smart city, e-Health, perceived of usefulness, perceived ease of use.