

ABSTRACT

Urbanization is increasingly inevitable due to lack of development in rural and urban areas. This resulted in the emergence of problems in urban life. City stakeholders are expected to be able to solve the problem. The concept of smart city appears to solve the problems that occur in urban communities. With the development of the internet, smart city is developed by utilizing these technologies. Technology becomes an important element in smart city development, where smart technology is one of the dimensions in smart city. Smart technology which defined as the ability of a city to connect the community through the infrastructure of information and communication technology (ICT), is a key element for smart city.

In applying smart city, references will be needed. Nowadays, detailed study of indicators in measuring smart city has not been researched yet. This is the purpose of this research, which to identify variable and indicator in smart city, especially smart technology that becomes enabler dimension of smart city.

To achieve the objective, this study uses qualitative method by literature study, interview or focus discussion group (FGD). Consider to the characteristics of resources, the subjects of this study are divided into 4 (four) types, namely government (government), business player, expert / researcher, and user / customer. From the respondents, researcher explore 23 indicators that become factors in measuring smart technology.

This research is expected to provide detailed explanation about the variables and indicators that become parameters smart technology. This will certainly facilitate the government and other city stakeholders in applying smart technology.

Keywords: Urbanization, City Problems, ICT, Smart City, Smart Technology