

ABSTRACT

Indonesia is a country that has a small internet penetration rate compared to other ASEAN countries. This is due to the digital divide that occurs between urban and rural communities in Indonesia. To solve the problem of the digital divide, the Indonesian government has sought to increase internet penetration through ICT assistance programs for rural areas in Indonesia. One of the assistance programs is Public Information Center (PIC) in the Katapang Sub-District of Bandung Regency. However, the provision of such assistance program is not based on the exact decision and approach which resulted in the assistance program to stop operating.

Therefore we need an application that can assist the government in decision making to determine the exact village to obtain the ICT assistance program. The application is based on the Asset Based Community Development (ABCD) approach which is used to develop social and economic changes in a region. The application is also based on a digital map which is useful to map existing community assets in the Katapang Sub-District.

Thus, with the application, the Bandung Regency government can evaluate the exact village to acquire ICT assistance programs, as well as to determine the community assets owned by each village in the Katapang Sub-District.

Keywords: Digital Divide, ABCD, Digital Map, Community Assets