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E-census Implementation: A Case study in Naikoten II, Kupang, Indonesia

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Abstract

Growth in human population around the world affects all people through its impact on the economy and environment. Therefore, the population in a region should always be recorded. Government as a public

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decision maker has a big responsibility in the welfare of the community. The government needs information about the people lives to determine what policies should be taken. Government needs census data accurately to assist in making decisions. The government of Naikoten II wants to bring this village become digital village using technologies in their public services. In Naikoten II, the population data collection process (census) still uses paper form using Canvasser method which is filled in by the census officer by visiting and interviewing residents directly. It has a big risk of data loss. The main objective of this research was to provide a viable solution that allows surveyors to conduct the census efficiently. This research also provides a web based application to help data analyst to manage the census data. These application have been designed and implemented. The testing has been conducted within the small group of stakeholder that volunteered to use this early version of the application for a specified amount of time to provide feedback for possible changes and improvements.

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