ABSTRACT

A city represents a state .Public Infrastructure is one of the pillars of state. Infrastructure assets are the physical structures, facilities, and networks that provide essential services to public. Its condition in Indonesia has become a concern for the government in recent years. In 2011, the qualities and quantities of infrastructures in Indonesia were under Malaysia and Thailand. The efforts of the government in raising Indonesian infrastructures are tend to be less volatile and involve public. The purpose of study is implementing the concept of crowdsourcing to increase community participation in providing solutions to the problems of public infrastructure in the cities of Indonesia

Crowdsourcing is an online method to solve a problem. This study uses iterative method, collaborate government and its people to solve cities public infrastructure problems. At inception stage, the formulation of the problem, research objectives, the determination of system boundaries and literature studies is performed. In the elaboration phase of the system design conducted using use case diagram, activity diagram, sequence diagrams, and database design and mockup. Portal construction is carried out at the stage of construction. At the transistion stage conclusions and suggestions is generated where the portal has been deployed on the internet.

At the end of studyt can be concluded that the portal can be used to increase public participation in addressing public infrastructure in the city.   The challenges are how to convince government to participate and creating a good form of review. Some good features are established on the portal as a result from participants's suggestion.

Keyword : Public infrastructure, Crowdsourcing, web portal, Ideas, Reviews