EVALUATION OF REGIONAL DEVELOPMENT PLANNING INFORMATION SYSTEM USED BY EAST JAVA PROVINCE GOVERNMENT USING TECHNOLOGY ACCEPTANCE MODEL

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ABSTRACT

East Java Government has been using technology to facilitate regional development planning process. The technology that has been used is a web-based application named “Sistem Informasi Perencanaan Pembangunan Daerah (SIPPD)”. The objective of this research is to help East Java Government to evaluate the application by researching some factors that can influence user acceptance of SIPPD. The model that used in this research is Technology Acceptance Model (TAM) which is solved by using Structural Equation Modeling(SEM). TAM has been widely used to know the dimension of the factors which can influence user acceptance most.

The result of this research shows that all factors have a positive impact to user acceptance. Interface Design and Support Mechanism are the most significant factors which are impact to user acceptance of this technology. This result can help East Java Government and the IT development Company to evaluate and improve user acceptance of SIPPD.