

ABSTRACT

A village profile is a comprehensive description of the character of a village and sub-district which includes natural resources, human resources, facilities and infrastructure, along with details covering a village and sub-district as well as the progress and problems faced by the village and sub-district. Based on interviews with sub-district officials regarding data collection in villages and sub-districts, obstacles were found, namely the sub-district's way of obtaining potential data in the village and the village and sub-district's way of managing village potential data. This is one of the obstacles obtained based on interviews with sub-district officials. lack of effective time and energy when collecting data and managing data in villages and sub-districts. Therefore, a village profile application is needed to manage and input data. with the black box testing method, which is a type of software testing that focuses on testing software functionality without examining the internal details of the source code or software structure, so this method is suitable for use by researchers. Based on test results, it shows that the features work in accordance with expectations, and test results using user acceptance testing show that this application has achieved a high level of success, with an average score of 81.2%. Users agree that the village profile application meets their needs and desires.

Keywords: Village profile, Black box testing, User acceptance testing