ABSTRACT

DEVELOPMENT OF VILLAGE INFORMATION SYSTEM BASED ON WEBSITE FOR THE SUDAGARAN VILLAGE GOVERNMENT REGION WITH UX LIFECYCLE METHOD

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The people of Sudagaran Village in terms of obtaining information are still quite hampered, information related to the village is still constrained. In addition, the potential of the village is still not developed properly. Correspondence services still have to fill out the manual at the village office. Most of the contents and appearance of the village website were also found to have some menu features still empty and there was no population statistics data that interpreted the people of Sudagaran Village. The village information system is a solution aimed at presenting the potential of the village, village information through writing or population statistics diagrams, displaying news information, and online correspondence services. The development of this village information system uses the CodeIgniter (CI) framework. The stages of the UXL that will be used in the research start from questionnaire data distributed to 23 respondents using the Usability Experience Questionnaire (UEQ). It is hoped that it can assist in managing population data, mapping and disseminating village information and village potentials in the Sudagaran Village area so that it can produce accurate and quality data. The attractiveness scale increased by 0.89, clarity 1.23, efficiency 0.63, reliability 0.81, stimulation 0.74 and novelty 0.78. Based on the image from the graph of the benchmark results, the five scales fall into good categories, namely the attractiveness, efficiency, accuracy, stimulation and novelty scales. While the clarity scale is in the Very Good category according to the predetermined UEQ benchmark level. It can be concluded that the new website that has been developed can be used in Sudagaran village.

Keywords: Information System, Codeigniter, Ux Lifecycle, UEQ