ABSTRACT

WEBSITE BASED DATA MONITORING APPLICATION DESIGN OF POSYANDU MAWAR 1 KARANGLEWAS KIDUL USING USER EXPERIENCE LIFECYLE METHOD

Technological advances are increasingly rapidly supporting the development of increasing population growth. Which is one of the human tools to get information sources and system implementation in management according to the services desired by the community, especially in the health sector, namely Posyandu (Integrated Service Post), the process of recording and data collection is still manual using a ledger. The purpose of this research is to make it easier for posyandu cadres to enter posyandu data with the appearance of the posyandu website. Based on the problems above, a system can be needed using the User Experience Life Cycle method. The user experience lifecycle method is really needed for data processing in this posyandu monitoring application and it is appropriate to know the data processing is in accordance with the stages in the user experience lifecycle, namely analysis, design, prototype, and evaluation. This is proven in the results of the analysis of the test data using SUS. In designing posyandu data monitoring, testing is carried out using the System Usability Scale (SUS) method to find out whether users can complete the tasks that have been given and find out how easy the website-based posyandu monitoring application is. Based on the approach in interpreting the score with a value of 79, this is stated to be good, the Grade level is B and the recipient level is acceptable. The author's suggestion is to use this research so that it can be more complex as expected by all users.

***Keywords:** User Experience Lifecycle (UXL), Questionnaire, Posyandu, Website, Prototype, User Experience, SUS*