

## **ABSTRACT**

### **USER EXPERIENCE EVALUATION ON POSYANDU WEBSITE USING USABILITY TESTING METHODS**

*Posyandu or the abbreviation of Integrated Service Post is a system that functions as a Community-Based Health Effort (UKBM) with the community that regulates and manages to create good health development, facilitates the community in obtaining information on early childhood development and reduces mortality rates for mothers and children . The data processing of Posyandu Mawar 1 in Karanglewas Kidul Village still uses the manual method, namely by recording data on children who will be immunized in a ledger. This recording is one of the problems that arise for posyandu officers, because they are considered ineffective and it takes a long time to process posyandu data. Then there are also problems that arise when a mother forgets to bring her posyandu book and is afraid that the data will be irrelevant between what the mother said and the data in the posyandu book. Based on the problems above, a system is needed to expedite the data processing of posyandu officers and provide information immediately and thoroughly to simplify and reduce data redundancy in data processing. In this study using the Usability Testing method with 36 respondents. The overall result of usability testing is that 17 respondents succeeded in carrying out the task successfully, the average time on task was 556 seconds, 10 tasks had a completion rate, and 135 seconds time-based efficiency. The results of research using UEQ that has been carried out with 36 respondents are an average attractiveness of 2.037, an average clarity of 2.014, an average efficiency of 1.986, an average of 2.215 accuracy, an average of 2.083 stimulation, an average the average novelty of 1.354. So that the conclusions obtained after testing using the UEQ are that the attractiveness, clarity, efficiency, accuracy, and stimulation of the posyandu website are at an excellent level. While the novelty point is at the good level. Then the results of testing through usability testing have several recommendations for improvements such as icons, appearance, and letters that are still lacking.*

**Keywords : Early childhood, Usability Testing, Posyandu, User Experience Questionnaire (UEQ), Website**