

ABSTRACT

The growth of information technology and computers is currently growing very rapidly. Along with the increasing development of information technology, there is also an increasing need for an information system that can help solve problems that occur in various administrative fields. Dr. Murjani Sampit Regional General Hospital (RSUD) is a government institution engaged in public health. Based on the results of the interviews that have been conducted, it was found that there was a problem at Dr Murjani Hospital, namely employee dissatisfaction with the medical device inventory system which was less interactive and too complex, and the user's desire to make changes to the medical device inventory from initially using Microsoft Excel to a website. The purpose of this research is to increase the interactivity and simplicity of the medical device inventory system according to user needs. In this study using the User Centered Design (UCD) method in the design process, where the UCD method will directly involve users directly in the development process so that the developed medical device inventory system can suit user needs. The results of the SUS test from the application of the UCD method in the form of a front-end website is to get a value of 78,125 which is included in the good category and gets an Acceptable acceptance value.

Keywords : Inventory System, System Usability Scale, User Created Design.