

Abstract

The Informatics Laboratory Practicum Website is a website used by laboratory practitioners to find information about practicum. Websites require usability factors to make it easier for users to achieve their goals, if there are problems with usability factors this will affect the ease of users in achieving their goals. After measuring usability from the Informatics Laboratory Practicum Website using the System Usability Scale (SUS), the results obtained are at a score of 61.64 “marginally acceptable” at rank D. The average usability score on the website when using the System Usability Scale method (SUS) is 68, which means that the usability of the Informatics Laboratory Practicum Website is low. To fulfill the element of low usability, one aspect that must be considered is the user interface. This study was conducted to provide recommendations for user interface design models for the Informatics Laboratory Practicum Website using a Goal-directed Design approach. A goal-directed design approach is an approach that focuses on understanding the needs, behavior, and goals of users to create a user interface. In the process, the approach has several stages ranging from research, modeling, requirements definitions, framework and refinement. The final result of this research is a user interface design that has a good usability value.

Keywords: website, usability, system usability scale, user interface, goal-directed design