

ABSTRACT

USER INTERFACE REDESIGN ON SOFI APPLICATION USING USER CENTERED DESIGN METHODOLOGY

(MODULE: SUBMISSION, SCHEDULING AND REVISION)

By :

ZAHRANI KHAIRUNNISA

1202198382

SOFI is an FRI Online Session Application that is used when students carry out thesis defense activities at the Faculty of Industrial Engineering, Telkom University in order to help the thesis defense process online. This web-based SOFI application with the framework Laravel is still being developed to improve the process in its function, it is also necessary to improve the user interface of the SOFI application so that it is attractive, easy, comfortable and users are not confused when using it. In the SOFI application user interface, there are still too many menus that are not understood, the application is still not informative and it is still difficult for users to navigate, to find out the cause of the problems experienced by users, usability testing is carried out using the System Usability Scale (SUS). The results of the usability testing will show the value usability of an application whether it is good or still low and need to make improvements to the user interface. In accordance with the conditions and focusing on the user to increase the value usability, this study uses the User Centered Design (UCD) method to redesign the user interface. The final result of this research is in the form of the latest user interface design in the form of implementing the interface on the SOFI application.

Keywords— redesign, website, user interface design, user centered design, usability testing