ABSTRACT

This study aims to redesign the user interface and user experience of the Open Library Telkom University website by considering the steadiness personality type using the design thinking method. The steadiness personality type is one of the types in the DISC model proposed by William Moulton Marston, which describes the expression of emotional behavior. People with the steadiness personality type are generally described as having stability, which tends to be associated with several characteristics such as good listeners, patience, friendliness, being sensitive to situations and attitudes of other people, and being calm. The purpose of this redesign is to help Telkom University students who have a steadiness personality type feel more comfortable and satisfied using Telkom University's Open Library website services. This study adopted a design thinking method that consisted of six stages: empathize, define, ideate, prototype, test, and implement. By going through these stages and testing, it can be concluded that by using the design thinking approach and considering the steadiness personality type, as well as adopting the principles of gestalt and material design as a design guide, it has succeeded in achieving the goal of meeting the needs and preferences of users with a steadiness personality type in redesigning the user interface and user experience and its implementation. It is hoped that this research will make a positive contribution to Telkom University's Open Library by increasing user comfort and satisfaction in using their website services.

Keywords – *digital library, information system, user interface, user experience, DISC personality types, Steadiness personality, design thinking*