

ABSTRACT

DESIGNING THE USER INTERFACE OF BERAMALJARIYAH.ORG WEBSITE APPLICATION USING AN INCLUSIVE DESIGN METHOD TO INCREASE ACCESSIBILITY FOR ELDERLY PEOPLE AT LOGIN, WAQF, AND PARTNER MODULE

By

TANIA AYU SEKAR ARUM

NIM : 1202174083

Beramaljariyah.org is a website that provides fundraising in the form of zakat, infaq and waqf programs. One of the target users of the site beramaljariyah.org is the elderly because, at that age, they tend to increase religious, social activities. Based on the website user interviews, it can be found that there are problems with the display such as color contrast, text size, layout, and click area that make users uncomfortable and less confident in accessing the beamaljariyah.org website. So the right user interface is made to improve the quality of the user experience. By utilizing the inclusive design method and WCAG 2.1 guidelines, it can increase the accessibility of users in interacting directly with the display. The results of this study are the design solutions on the prototype of the proposed website beramaljariyah.org on the login, waqf, and organizer pages which were tested by SEQ assessment and obtained an average result of 6.6, 6.6, and 6.7. Furthermore, the SUS test obtained an average result of 75.5, which means that it can be accepted by elderly users.

Keywords : UI / UX, elderly, inclusive design, beramaljariyah.org, WCAG 2.1