ABSTRACT

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

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Beramaljariyah.org website, it is a foundation that provides digital charity facilities, where one of the target users is the elderly who have stable economic strength and are more active in social and religious activities. Based on the interviews of website users, an error can find that obstacles such as layout, color, text size, and click area interfere with using a function on the website, especially in the donation, search, and zakat modules. This is one of the inhibiting factors for the elderly. So, what kind of user interface is right in improving the quality of the user experience when using the website. By utilizing the WCAG 2.1 guidelines, which serve as a guide in developing user interfaces, you can improve the quality of accessibility so that you can access a function easily. In addition, the application of design in this study can pay attention to user needs, especially elderly users who will get the needs and aspirations of users as a way out in finding a user interface solution. This study users experience satisfaction with improving the user interface on the donation, search, and zakat mod, each with SEQ 6.6, 6.7, and 6.6. Then for the assessment of SUS get a score of 75.5.

Keywords— elderly, user experience, user interface, WCAG 2.1, inclusive design.