ABSTRACT

The BPOM is crucial in preventing, controlling, and investigating the distribution of domestic and foreign drug and food products. This role aims to effectively and efficiently safeguard the security, safety, and health of the public as consumers. BPOM ensures the public's safety, security, and health by providing information through a BPOM product called a public warning. Public warning conveys information on the BPOM RI website about which products have distribution permits, illegal products, and news about BPOM activities throughout Indonesia. Thus, the BPOM website plays a crucial role. However, not everyone can easily access the BPOM RI website, especially those with intellectual disabilities. Therefore, there is a need for the development and adjustment of accessibility features. This research uses a user-centered design approach with stages of identifying needs, specifying the context of use, requirements, designing solutions, implementation, and evaluation. Data collection was done by conducting interviews. Then, a system usability scale (SUS) test was born on the existing BPOM RI website, which scored 72. After that, the website design was made with additional disability features and tested three (3) times using usability testing and SUS. The final testing stage scored an 86, indicating that the improvements have successfully created better usability. This research can assist BPOM RI in meeting the needs of people with intellectual disabilities in accessing the BPOM RI website.

***Keyword** : User Interface, User Experience, Accessibility, Cognitive, BPOM*