

ABSTRACT

Financial technology (FinTech) is a technology used to improve the delivery of financial services that adapt to the needs of society and provide convenience in accessing various financial transactions for various sectors. One example of Fintech development is the use of e-wallets, or digital wallets, which are widely used as a payment system.

However, not all groups can benefit from the development of fintech. Some groups of friends with special needs, such as people with disabilities, have limitations in accessing information, especially in the digital financial payment system. This factor motivated the author to conduct research on the use of fintech for blind people with disabilities.

This research covers the design of fintech applications, especially E-wallets, which is carried out at Sentra Wyata Guna Bandung and DPD Pertuni West Java. The development of this application is supported by the Design Thinking method, the System Usability Scale, and the Single Ease Question, which begin with empathizing with the user. Usability Testing includes three iterations. Iteration 1 scores 85.25 and 65. Iteration 2 scores 93 and 67.4. And iteration 3 gets values of 93.5 and 67.6.

Keywords: Fintech, Persons with Disabilities, Digital Wallet.