

ABSTRACT

PROTOTYPE DESIGN AND EVALUATION OF CRYPTO WALLET APPLICATION USING DESIGN THINKING METHOD

Today the growth of technology is growing rapidly, with the emergence of a new currency, namely Cryptocurrency. This currency has begun to be known by the wider community and has been used by many people in various countries. However, Cryptocurrency storage applications (Crypto Wallet), still cannot be fully used for daily transaction needs in the real world. Therefore, PT Gerbang Asset Nusantara has an innovation to eliminate the shortcomings of the current Crypto Wallet application by creating a hybrid digital wallet application that can store Cryptocurrency as well as fiat money. In this study, the authors designed a prototype of a crypto wallet application using the Design Thinking method and obtained an interactive High Fidelity prototype design with the following features: Payment using QRIS; Crypto debit card; Buy, Sell and Transfer crypto. Not only that, the author also evaluates the prototype using the UEQ (User Experience Questionnaire) method and produces a score of 1,910 on the "Attractiveness" scale, 1,818 for the "Perspicuity" scale, 1,797 for the "Efficiency" scale, 1,669 for the "Dependability" scale, 1,838 for the "Stimulation" scale and 1,534 for the "Novelty" scale, so it can be concluded that the prototype tested has a positive evaluation value.

Keywords: Cryptocurrency, Crypto Wallet, Design Thinking, UEQ