

## **ABSTRACT**

### **WEBSITE-BASED COOPERATIVE APPLICATION DESIGN DEVELOPMENT USING LEAN UX**

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*The definition of a cooperative is a collection of people or cooperative legal entities that have limitations in the economy aimed at the welfare of members. In an institution or agency the accuracy of information is very important, as well as in a cooperative that has close kinship ties so that the form of an economic body that starts from the members and the results are divided for members, for example the NU Fatayat cooperative and the Yasmin cooperative which has a sense of belonging. family members in running a cooperative, so that they experience a problem, namely the development of a website-based cooperative design using the Lean UX method. In the research of the case study, starting from the initial data collection, namely testing the cooperative website. In the initial data collection, testing the cooperative website by looking for problems on the website to admins and suppliers, after testing the website, the admin and suppliers fill out the SUS questionnaire as a perceived usefulness that represents the admin and supplier experience, after testing and getting a SUS score of 50 with grade F, which means not good, then enters the stage of the lean ux method, namely declaring assumptions is getting assumptions from admin and suppliers about constraints and bugs that exist on the website, then creating a minimum valid product is making a design or prototype of the website created, then conducting experiments is a design or prototype that has been implemented such as the admin feature, namely the address and supplier, namely a note of debt, add a courier email and notification of pick-up time, it will test the admin and supplier if the value goes up then the test goes up but if it goes down it will send I made improvements to the MVP and the last was feedback and research, namely testing all the features on the cooperative website that had been implemented so that getting a score of 75 with grade C meant it was good, so the results of this study increased the score to 75 with grade C and can be better.*

***Keywords: cooperatives, testing, lean ux method, website, sus questionnaire***