

Ike Putri Rahayu, 2020. *Savings and Loans Data Collection Information System at Mekar Jaya Dawarblandong Cooperative*. This Final Project had been guiding by Taufik, S.T, M.KOM. Diploma Three of Information System Study Program, Faculty of Vocational, Airlangga University.

ABSTRACT

The purpose of this Final Project is to create a Savings and Loans Data Collection System at Mekar Jaya Dawarblandong Cooperative, which can help handle business processes and minimize errors. This system handles four processes, namely: the member registration process, the savings and withdrawals data collection process, the loans and installments data collection process, and reports.

In making the Savings and Loans Data Collection Information System at Mekar Jaya Dawarblandong takes five stages. The first stage was identification the data needed conducted by interviews. The second stage was analyzed the problems based on the data from interviews by creating Document Flow Diagram (Docflow) and Fishbone Diagram. The third stage was designed process by a Level Diagram and Data Flow Diagram (DFD), and created a database design using a Conceptual Data Model (CDM) which produced 9 entities and the Physical Data Model (PDM) which produces 9 tables. The following stage was making the input output design. The fourth stage was described the system using Flow Chart and implementing it into web-based program. The last stage was tested the system.

Based on the results of the implementation and trial of the system, Savings and Loans Data Collection Information System at Mekar Jaya Dawarblandong Cooperative can handle existing processes easily and efficiently also can produce reports accurately and computerized.

Keywords: Cooperative Information System, Savings and Loans, Savings, Withdrawals, Loans, Installments.

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