ABSTRACT

Koperasi Bhakti Makmur is the primary TNI-AU cooperative located at the Special Forces Corps Command Headquarters of Sulaiman Air Base, Margahayu, Bandung Regency. Koperasi Bhakti Makmur has three business units, namely a shop unit that provides basic needs for members and non-members, a savings and loan unit that serves deposits and loans for members, and service units. But those who actively operate in the office are only shop units and savings and loan units. Recording of deposits and loan members in the savings and loan unit is still done manually using Microsoft Excel. Recording that is done manually makes the length of administrative records, the difficulty of conducting a search, the difficulty of controlling the issuance of cash, and errors in the calculation and recording of each transaction that occurs. Making applications for savings and loan unit cooperatives is a solution to overcome these problems in order to support better business processes. The functionality possessed by this application is the management of incoming and outgoing member data, management of member deposits consisting of principal savings, mandatory savings, and voluntary savings. Member loans, installments on loans, and calculation of the results of cooperative operations. In addition, this application is also capable of presenting savings reports, loan reports, general journals, ledgers, business results calculation reports, and balance sheets for accounting records needed. The method used in designing this application is the System Development Life Cycle (SDLC) method with the model used is waterfall. Based on the tests carried out, this application has been implemented, tested, and can be used.

Keywords: cooperative, web-based application, CI framework, SDLC