

ABSTRACT

With advances in information technology, companies have begun to use information systems as an important part of achieving their strategic goals. Web-based technology is one of the rapidly developing technologies that makes data distribution and access easier. As a business entity, cooperatives also need an information system that can help them run their business, especially to manage savings and loan data. Savings and Loans Cooperatives need an accounting information system that can record accurately and timely all financial transactions. Application-based systems can speed up slow and error-prone conventional processes. The aim of this research is to create and develop a web-based Savings and Loans Cooperative information system that uses the Flask framework and NoSQL MongoDB database, and applies the Agile method. The expected result of this research is the creation of a web-based savings and loans cooperative information system using the Flask framework and the NoSQL MongoDB database which can increase the operational efficiency and effectiveness of the Artha Sejati Cooperative where the system is able to minimize errors in recording and processing data which was previously done conventional.

Keywords: *Information Systems, Saving and Loans Cooperatives, Website, Flask, MongoDB*