

## ABSTRACT

Financial data management and recording are important aspects in supporting the effectiveness and accountability of an organization. However, many organizations still apply manual financial recording practices, which can lead to recording errors, data inconsistencies, and inaccuracies in the preparation of financial reports. These issues also occur at Bertani Agro Farm, an organization engaged in hydroponic plant cultivation. The process of recording income and expenses at this organization is still carried out manually, creating a risk of discrepancies between the recorded financial data and the resulting financial reports. This study develops a web-based financial recording application that enables centralized financial data storage and automatic generation of financial reports as a solution to the problems faced by Bertani Agro Farm. The application was developed using the ICONIX Process method, which consists of the stages of requirements, analysis/preliminary design, detailed design, and implementation. The developed application was then tested using the black box testing method to ensure that system functions conform to user requirements. The test results indicate that the application successfully passed all 87 test cases, thereby improving the consistency and accuracy of financial recording and reporting.

**Keywords** : financial recording, financial reports, ICONIX Process, web-based application, black box testing