

## ABSTRACT

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*Credit union's in SMA Negeri 1 Baleendah is an organization in the welfare of members and have one economic factors that role to make the people of advanced, justice, and prosperous. When information technology is growing, cooperative should exploit an information technology to help manage the data members, mistress, loans, installment, and the report. This application use the waterfall method but it doesn't use the last stage of Operation and Maintenance because the application doesn't get to the last stage. This application is made with programming language PHP with Framework Code Igniter and use the database MySQL. In stages of testing, these applications using the method of Black Box testing and User Acceptence Test is test in terms of the functionality without the test design and a program code. In stages of testing, this application is using the method of Black Box testing, It's testing in terms of the functionality without testing the design and a program code, and this application cooperative was built to help the officers in managing the cooperative to be more easily and efficiently.*

*Key word : Cooperative, Save and Loan, Waterfall, PHP with CI Framework, MySQL, Black Box Testing, User Acceptance Test*