

## ***Abstract***

*Villager Financial Control is a web-based application developed by several undergraduate software engineering students from Telkom University. This web-based application is used to educate the Bahontobungku village community about the importance of financial literacy. In the development of a web-based application, there is a need for testing to measure the suitability of the application before deployment. Testing is conducted using automation testing with the type of regression testing to reduce errors made by humans, and the application will be thoroughly tested. Black box testing is used in automation testing to assess the application's functionality, as this is done because automation simplifies regression testing in each iteration. With black box testing, testers can perform testing that covers the overall functionality of the application, and with regression testing, testers can test the latest code without affecting other functions. Meanwhile, automation testing makes regression testing for each iteration more ease and efficient.*

*Keyword: Automation testing, Black Box Testing, Regression Testing, Villager Financial Control.*