

## ABSTRACT

Stuff Credit is one of the businesses of Mr. Muhammad Sulaeman Abdurrahman. He lives in Desa Battembat, Kecamatan Tengahtani, Kabupaten Cirebon. Stuff Credit enables helping the people, especially the people of Kecamatan Tengahtani to buy an item that they need without having enough money and being able to pay for the item with an installment system. Credit Stuff that are already running still use a small notebook to record and store credit data of each community that is a creditor. Then Investor as Mr. Sulaeman does not have a recapitulation containing credit data for each creditor so that he cannot recapitulate the credit deposit data. With the problems in terms of Investors and Creditors needed a system that is able to fix problems from both sides.

The Stuff Credit System in this final project will fix the problems from the creditors and investors. On the Creditor side, the small notebook used to record and store credit data will be replaced with a Creditor android application. QR codes are used to identify the identity of each creditor, while the Creditor android application is used to view the history of credit payments for each creditor. On the Investor side, a credit data recapitulation system will be created using the website application and to identify the QR code identity of each creditor and enter credit transaction data using the Creditor android application.

The results of the functionality test show that all application functions are running well. The results of developing website and android applications as a whole can run with good and 100% accurate data communication via API. The website application performance test using Google Lighthouse gets a value of 74, where this value is in a fairly good range of values. The Android application compatibility test runs well from versions 6 - 10. Based on the test of the responsiveness of reading QR codes based on the distance, angle and rotation angle of each, the distance range is from 10 cm - 70 cm, the angle range is from 0° - 45° and 315° - 360°, as well as the angle range from 30° - 360° can be scanned well.

**Keywords: Stuff Credit, Website application, Android application, QR-Code.**