

Abstract

In this modern era, people's behavior is increasingly consumptive, in addition to fulfilling basic needs, people also tend to buy goods based on mere desire without considering other needs, this causes uncontrolled public expenditure. In modern times, it is easy for the public to record financially practically with receipts, but shopping receipts also have weaknesses because shopping receipts use materials that can fade or disappear because the physical form of the receipt is only small paper, which is usually forgotten by the community. Based on these problems, an Android-based receipt filing application with Firebase ML Kit Text Recognition was made to be used as a reference for shopping by the people. In the Scan Receipt application, Firebase ML Text Recognition Kit is used to retrieve receipt data in the form of place names, receipt dates and total expenditure on receipts. Based on testing regarding the accuracy of recognition from receipts using Firebase ML Kit Text Recognition the Scan application can recognize text as much as 83.3%.

Keywords: Android, ML Kit Text Recognition, Receipt.