SCCI/00604/2021

EUNICE NYAMBURA WAWERU.

SOFTWARE DEVELOPMENT.

MOBILE APP PROPOSAL

SUPERMARKET CHECKOUT APP.

Supermarket checkout app is a mobile application that helps a customer to avoid the line in the supermarket.

Problems.

The supermarket checkout app will enable the users to use the barcode scanner feature in the app to scan items and add them to their cart or rather in the shopping bag.

The app will eventually get a sum of the items that the user has bought then charge it form their mobile money app; either M-Pesa or their local bank.

The store will receive a confirmation that they have received money from the user then send a feedback response to confirm that they have received money.

Other physical security measures will be implemented by the store to ensure that no item that has not been checked out does not leave the store.

This app aims at saving time by avoiding the long checkout lines at the store.

FLOWCHART

MORE ITEMS?

YES

SCAN BARCODE

ENTER PRICE

NO

SEND ACKNOWLEDGEMENT TO USER.

SEND MESSAGE TO STORE

DEDUCT FROM MOBILE BANK

CALCULATE TOTAL