

ABSTRACT

RFID generally encompasses any communication that allows for retrieval of information associated with a particular commodity, product, component, or other item. This project put forward a unique solution to reduce the average time a customer spends at a supermarket. The product with the appropriate tag is read by the reader on the cart and the product's details are displayed on the LCD screen placed on the trolley. As the customer puts each product in the trolley, it gets detected. The information of these products along with the bill amount are displayed on the LCD display. A product price is decremented in case it needs to be deducted from the list using a switch.