UNIVERSITI TEKNOLOGI MARA MALAYSIA (UiTM)

THE AUTOMATED PRODUCT DETECTION SYSTEM USING RFID

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ABSTRACT

Nowadays, many people's have the same problems in their shopping. The problems that they find are over budget time payment, long queue when to make the payment and customer want to know the price of the item. However the RFID technology is the best solution for this problem. Customer also will get a lot of benefits in their shopping activity. The researcher has developed The Automated Product Detection System (TAPDS) using RFID for the customer in the supermarket. The system will be track every product that user insert into the trolley. The researcher developed this system in Microsoft VB 6.0 version using visual basic language and chooses Microsoft Access as a Server. This project was used the technologies such passive RFID tag and RFID reader. Hopefully, with this system, it is expected to help customers and management in the supermarket moved a step forward in the shopping activity.

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