

**A Project Report on**  
**DESIGN OF AUTOMATED CHANGE MACHINE**  
**“A Solution for Day to Day Life”**

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## **ABSTRACT**

Now-a-days online banking is frequently used by most of the users. But in shopping malls or in any other shops it is difficult to get the change i.e. the remaining balance amount, in time. So the customer will have to wait until he gets the change.

To solve the above mentioned problem, we introduce new solution which is called Automated Change Machine (ACM). The ACM is a modern technology which helps a shopkeeper to do his daily monetary transactions with his customers. By implementing this project, the remaining amount or change amount, after the purchase is directly credited to the customer's account.

The ACM will service one customer at a time. The shopkeeper is required to enter customer's Bank account number or Aadhar card number or by swiping his ATM card through swipe card reader, where-in the information will be sent to the database for validation as part of each transaction. If the database determines that the customer's information is invalid, the shopkeeper is required to re-enter the correct information before a transaction can proceed.

The main benefit of this project is that, the customer need not worry or wait for the change. After every successful transaction is done, the acknowledgement message is send to the customer's mobile phone. The ACM will provide the customer with a printed receipt for each successful transaction, showing the record number, customer name, bank account number, bank name, branch name, credited amount, date and time.