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## Mini Project On

**SMART**

**TRANSACTION**

(Submitted in partial fulfillment of the requirements for the award of Degree)

**BACHELOR OF ENGINEERING**

**In**

**COMPUTER SCIENCE AND ENGINEERING**

BY

RAJURI ACHITHU VARDHAN BABU 245319733103 –CGPA-(8.81)

PREETHAM SRINIVASACHARY MOTHUKURI 245319733100-CGPA-(7.5)

RANGARAJU DILEEP 245319733104-CGPA-(7.6)

Under the Guidance of **Dr. B Krishna (**Associate Professor)



# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEIL GOGTE INSTITUTE OF TECHNOLOGY

A unit of Keshav Memorial Technical Educational Society (KMTES)

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**SMART TRANSACTION**

# ABSTRACT

**Abstract**

The proposed project is an engineering approach to enhance current transaction (ATM) activities. The software works as a controller of the ATM machine during transactions. The implementation of project is beneficial to both the [bank](https://www.codewithc.com/online-bank-management-system-project-java/)s and the customers. The **SMART TRANSACTION** is the project by which the clients can create bank accounts and perform general cash transactions like Deposits, Withdrawals etc using website. The Smart Transaction System has 2 modes: 1) Create Account mode, 2) Atm mode . In Create Account mode the user has to enter all the personal information like mobile no, Aadhar card number, PAN card number and related details and has to deposit a minimum amount of Rs. 1000 to create a Bank Account (Savings). After all the details of the client identity is verified, his/her account will be created and will be given a pin number which is useful for making future credit and debit transactions through atm. The second mode is the Atm mode in which functions equivalent to a normal atms like withdrawals, deposits and bank balance status are present. In this project there is no need of atm-card to withdraw or deposit amount into our bank account, we just need to complete the deposit or withdrawal process in the website by entering the details of the account holder. After the process is completed, an unique Hashcode will be generated in the directed page (like OTP).

We just need to enter this hashcode (hashcode + cvv) along with details (account-no && pin) in ATM. Automatically the transaction will be completed without any problem.

# EXISTING SYSTEM

Atm machines works only with the atm card or mobile number.People must carry atm card to do any transaction, which makes their life difficult.This project main theme is to reduce the complexity and make people’s work easy to do any type of transaction.

# PROPOSED SYSTEM

In this project, we are creating a web-application named as “SMART TRANSACTION” which is basically an online platform used by the people for making Atm transactions. This website is made as simple as possible, helping people in implementing their tasks in an easy manner.The Main theme of this project is to make cardless transactions using website .

# ADVANTAGES

1. Very Basic and Easy to use as it does not contain complex operations.
2. This website is made easy for everyone to implement any type of transactions.
3. This will help customer when they don’t have any access of physical card .
4. This will also reduce the transaction time in Atm’s and waiting time will be reduced near atm’s.

**DISADVANTAGES**

1. This is very much expensive than the existing system.

# HARDWARE REQUIREMENTS

For developing the site, the following are the Hardware Requirements:

* 1. A System or Laptop for using the website.

# SOFTWARE REQUIREMENTS

## Operating Systems supported:

1. Windows 7, 8and10

**TECHNOLOGIES AND LANGUAGES USED**

1. HTML
2. CSS
3. JavaScript.
4. SQL
5. Python

# CONCLUSION

This project will be useful in terms of making transactions easily than the existing system. Everyone can use this site without any problems and this site is user friendly. This project will bring drastic changes in peoples life if it is implemented in real time.

Student Signature:

1.RAJURI ACHITHU VARDHAN BABU 245319733103 –CGPA-(8.81)

2.PREETHAM SRINIVASA CHARY MOTHUKURI 245319733100-CGPA-(7.5)

3.RANGARAJU DILEEP 245319733104-CGPA-(7.6)

Internal Guide Project Coordinator HOD