Database Management System Laboratory

Open ended experiment

on

Bank Account Management System

By

PRATIK (1SI18IS036)

PRIYESH SINHA (1SI18IS037)

Department of Information Science and Engineering,

Siddaganga Institute of Technology

Tumkur-572103

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CERTIFICATE

This is to certify that the open ended experiment of Database Management System lab entitled, "Title" has been successfully carried out by **PRATIK** bearing the **USN 1SI18IS036** and **PRIYESH SINHA 1SI18IS037** at **Siddaganga Institute of Technology, Tumakuru,** in partial fulfillment of the requirements for 5th Semester of Bachelor of Engineering in **Information Science and Engineering,** during the academic year **2020-2021**.

Signature of Lab Coordinator

Dr. Kavitha H
Associate Professor
Dept. of ISE
SIT Tumakuru

Ms. Sanjana M Nagaraj
Assistant Professor
Dept. of ISE
SIT Tumakuru

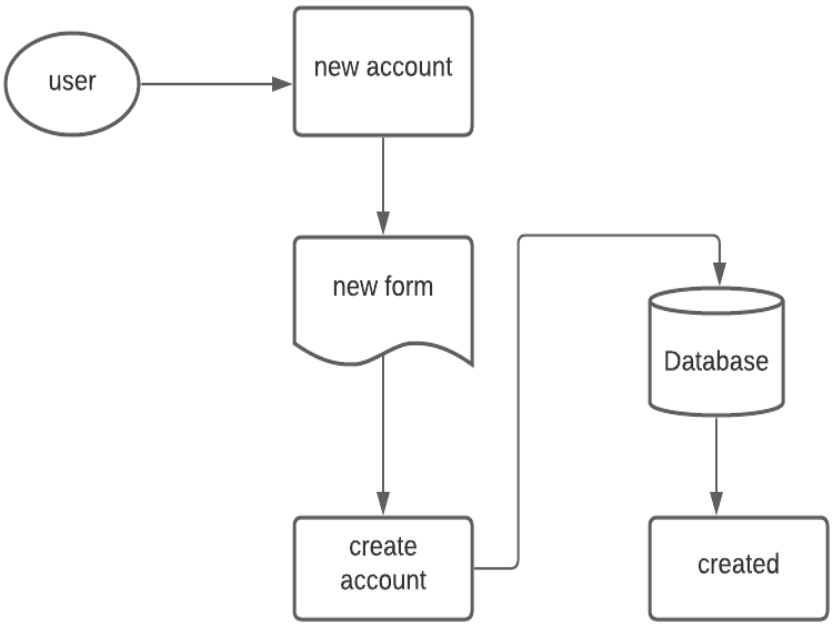
ABSTRACT

The Bank Account Management System is an application for maintaining a person's account in a bank. It shows the working of a banking account system and cover the basic functionality of a Bank Account Management System. To develop a project for solving financial applications of a customer in banking environment in order to nurture the needs of an end banking user by providing various ways to perform banking tasks. Also to enable the user's workspace to have additional functionalities which are not provided under a conventional banking project.

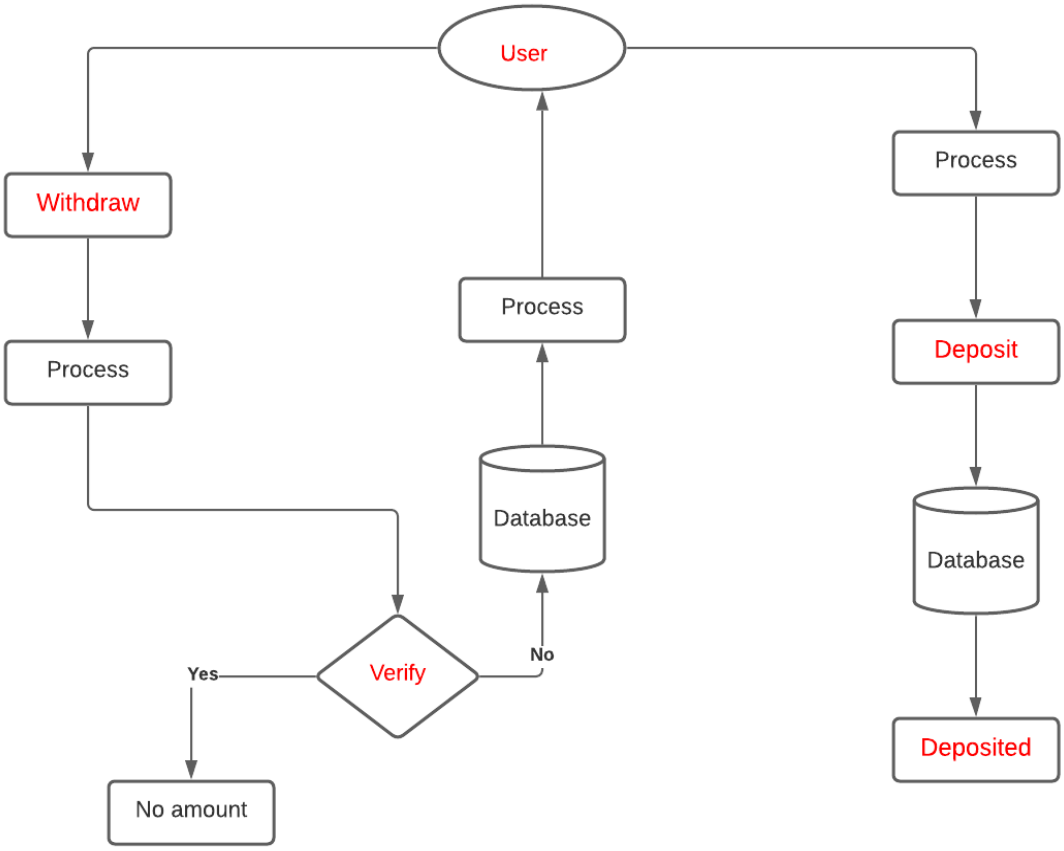
The Bank Account Management System undertaken as a project is based on relevant technologies. The main aim of this project is to develop software for Bank Account Management System. This project has been developed to carry out the processes easily and quickly, which is not possible with the manuals systems, which are overcome by this software. This project is developed using JAVA and SQL LITE used for database connection. Creating and managing requirements is a challenge of IT, systems and product development projects or indeed for any activity where you have to manage a contractual relationship.

Thus, above features of this project will save transaction time and therefore increase the efficiency of the system.

DATA FLOW DIAGRAM



DFD diagram for withdraw/deposit Account



TABLES:

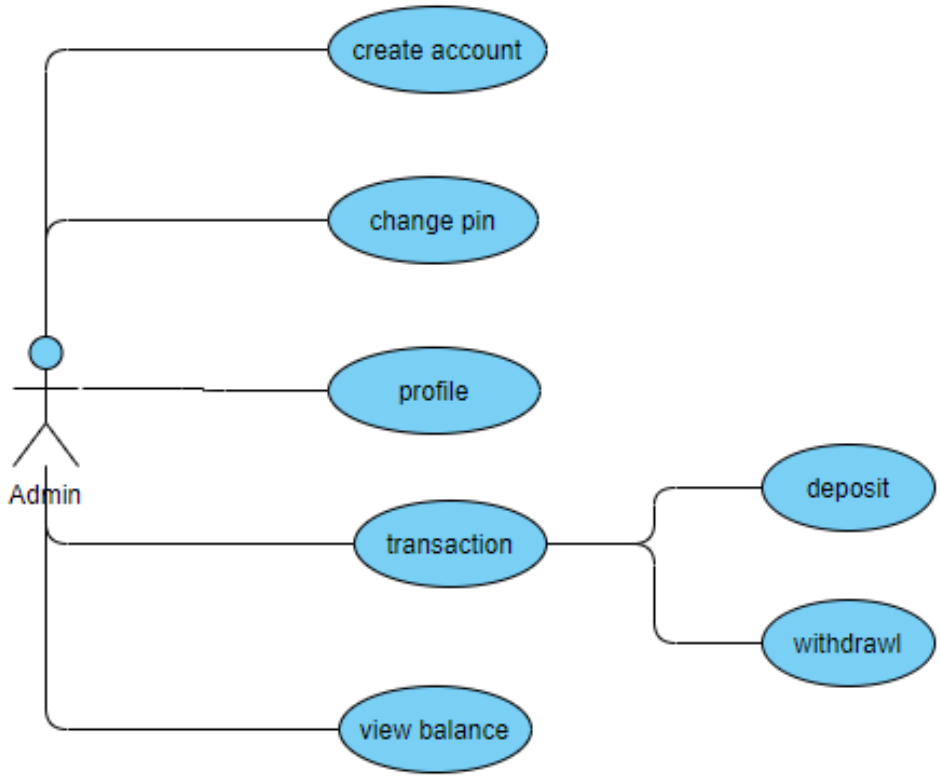
ACC	INTEGER
NAME	TEXT
ACC_TYPE	TEXT
MICR_NO	INTEGER
DOB	INTEGER
PIN	INTEGER
NATIONALITY	TEXT
CASTE	TEXT
GENDER	TEXT
MOBILE	INTEGER
ADDRESS	TEXT
SEC_Q	TEXT
SEC_A	TEXT
BALANCE	INTEGER

ACCOUNT

NAME	TEXT
ACC	INTEGER
MICR_NO.	INTEGER
BALANCE	INTEGER

BALANCES

USE CASE:


create account
change pin
profile
Admin
transaction
deposit
withdrawl
view balance

OUTPUT:

FIG 1: DESCRIPTION

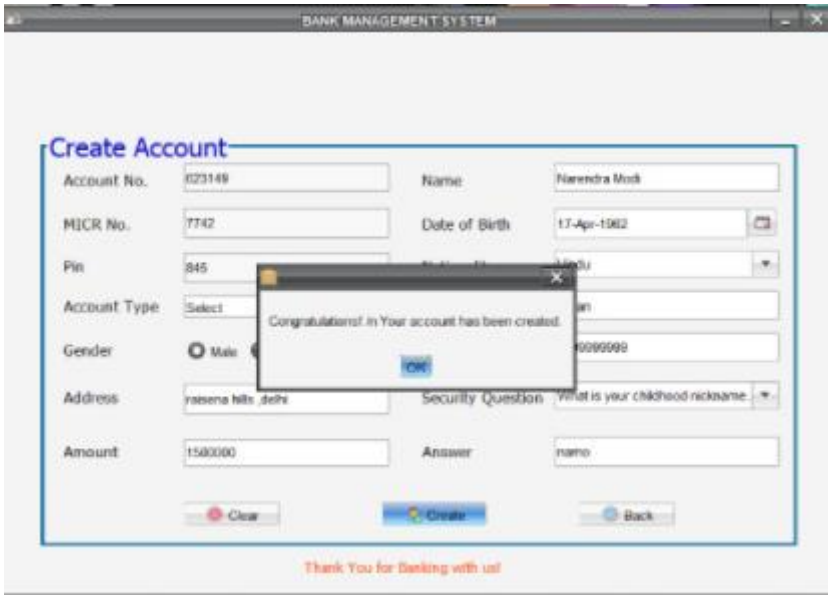


FIG 2: REGISTRATION

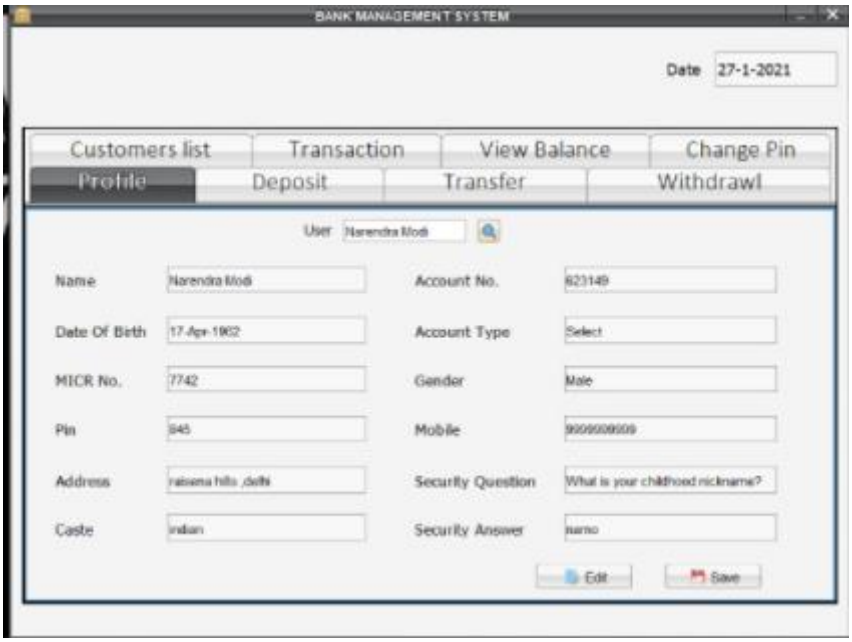


FIG 3: PROFILE

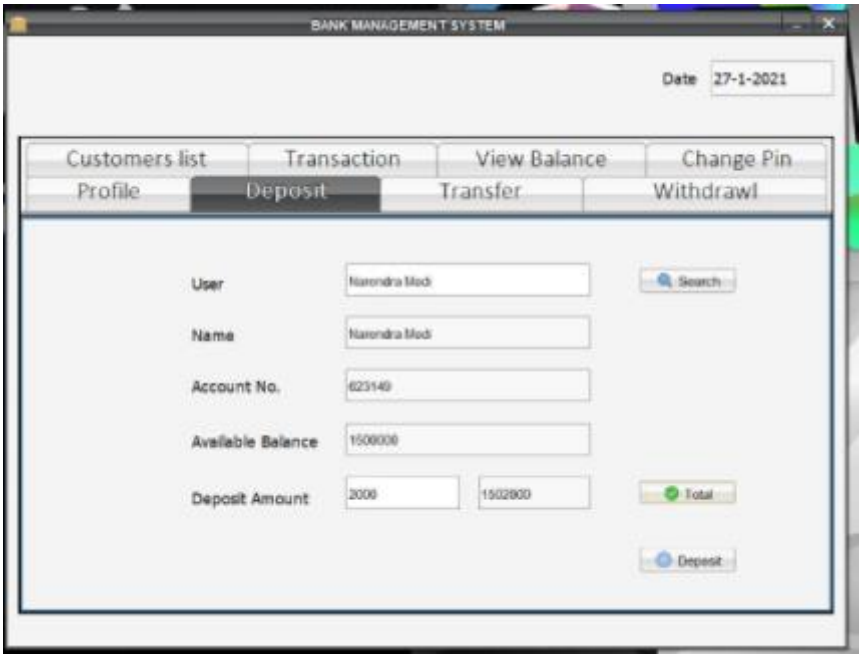


FIG 4: DEPOSIT

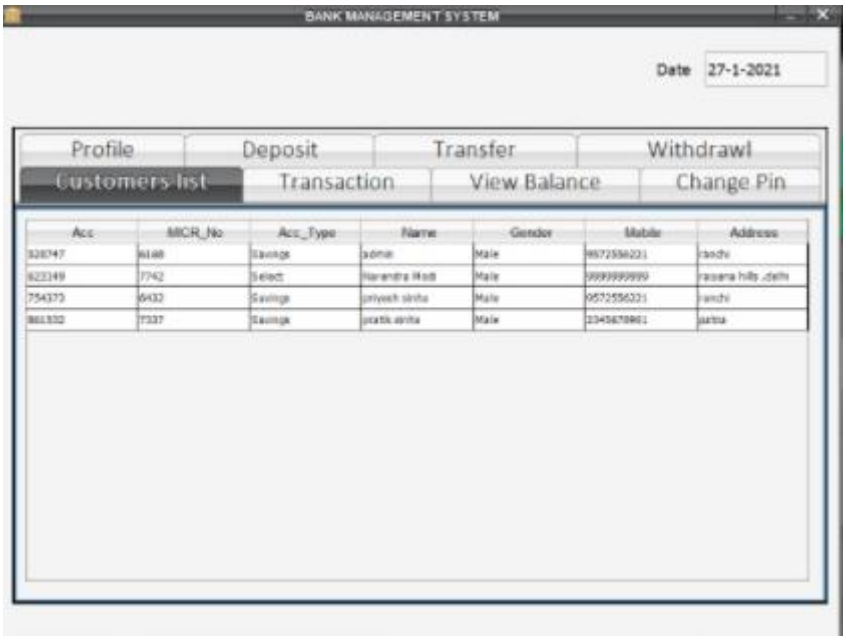


FIG 5: CUSTOMER LIST

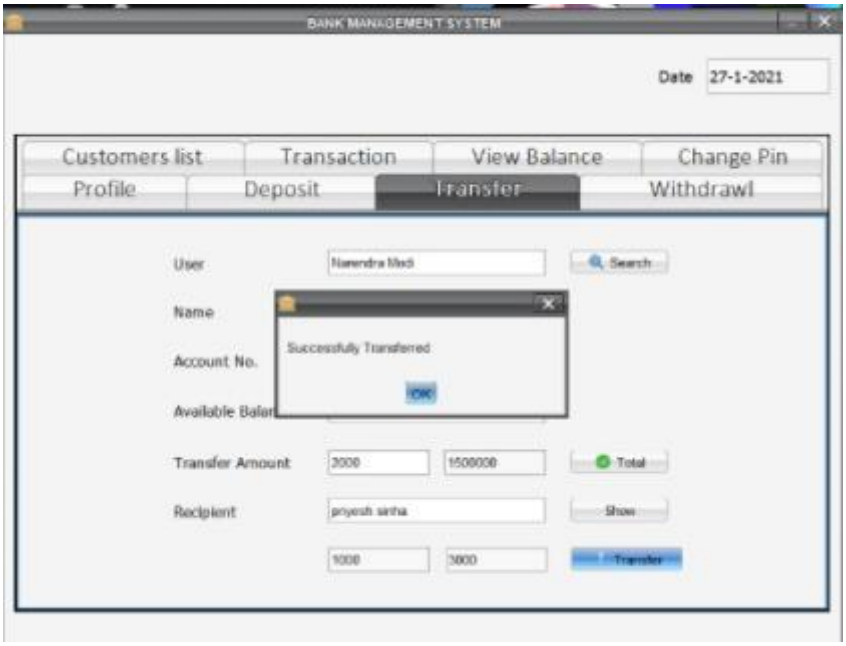


FIG 6: TRANSFER

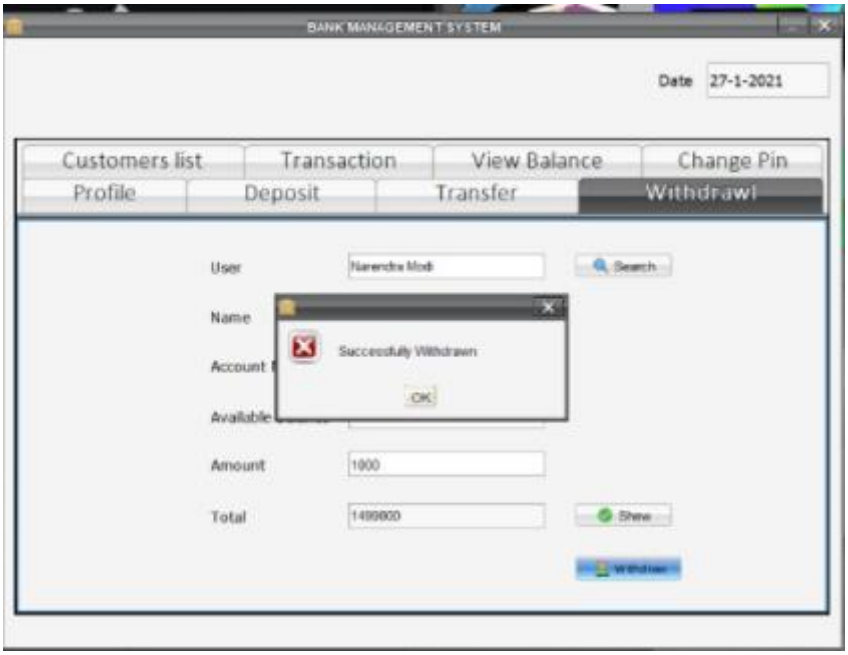


FIG 7: WITHDRAWL

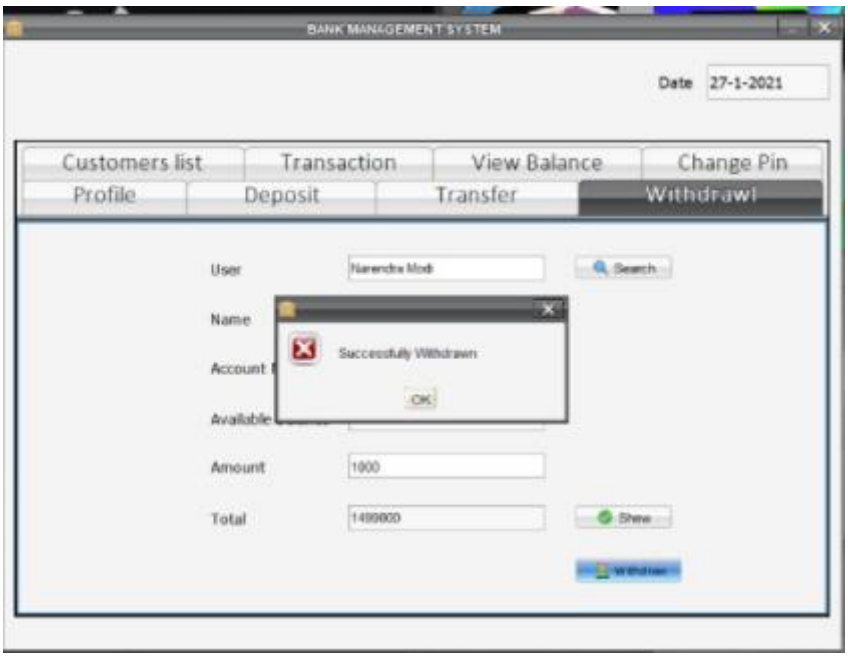


FIG 8: WITHDRAWL

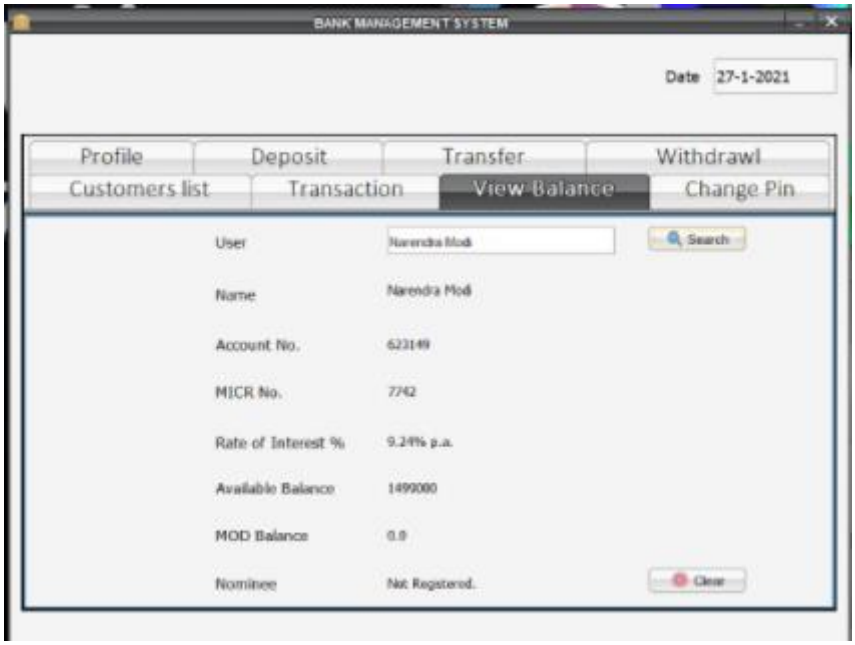


FIG 9: VIEW BALANCE

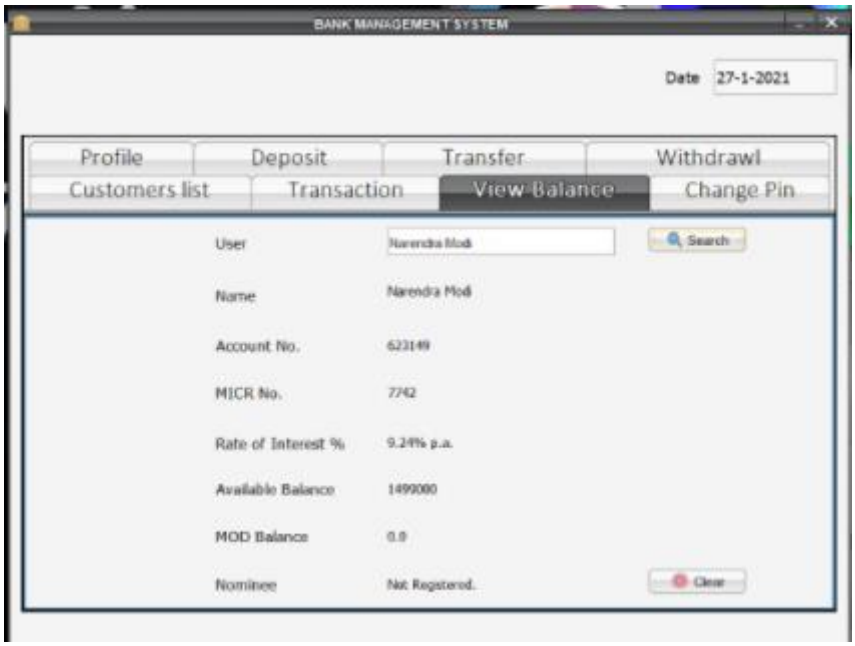


FIG 10: VIEW BALANCE

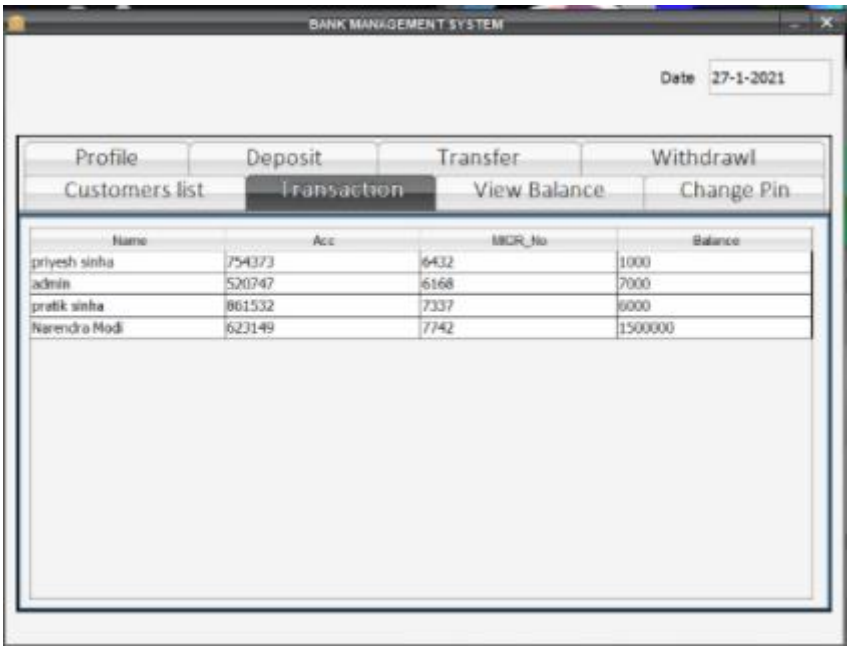


FIG 11: TRANSACTION

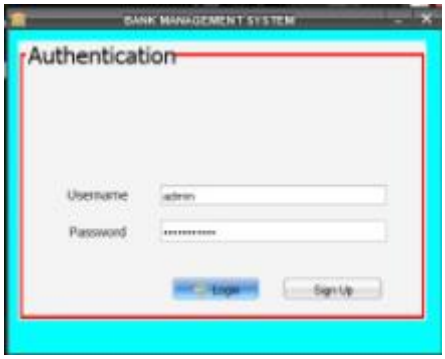


FIG 12: AUTHENTICATION

CONCLUSION

This project is developed to nurture the needs of a user in a banking sector by embedding all the tasks of transactions taking place in a bank. Future version of this project will still be much enhanced than the current version. Writing and depositing checks are perhaps the most fundamental ways to move money in and out of a checking account, but advancements in technology have added ATM and debit card transactions. All banks have rules about how long it takes to access your deposits, how many debit card transactions you're allowed in a day, and how much cash you can withdraw from an ATM. Access to the balance in your checking account can also be limited by businesses that place holds on your funds. Banks are providing internet banking services also so that the customers can be attracted. By asking the bank employs we came to know that maximum numbers of internet bank account holders are youth and business man. Online banking is an innovative tool that is fast becoming a necessity. It is a successful strategic weapon for banks to remain profitable in a volatile and competitive marketplace of today. If proper training should be given to customer by the bank employs to open an account will be beneficial secondly the application should be made friendlier from where the first time customers can directly make and access their accounts.

Thus the Bank Management System it is developed and executed successfully.