

# **BANK MANAGEMENT SYSTEM**

## **Advanced Data Structure Course Project**

**GROUP 4(SY IT-C)**

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# **BANK MANAGEMENT SYSTEM**

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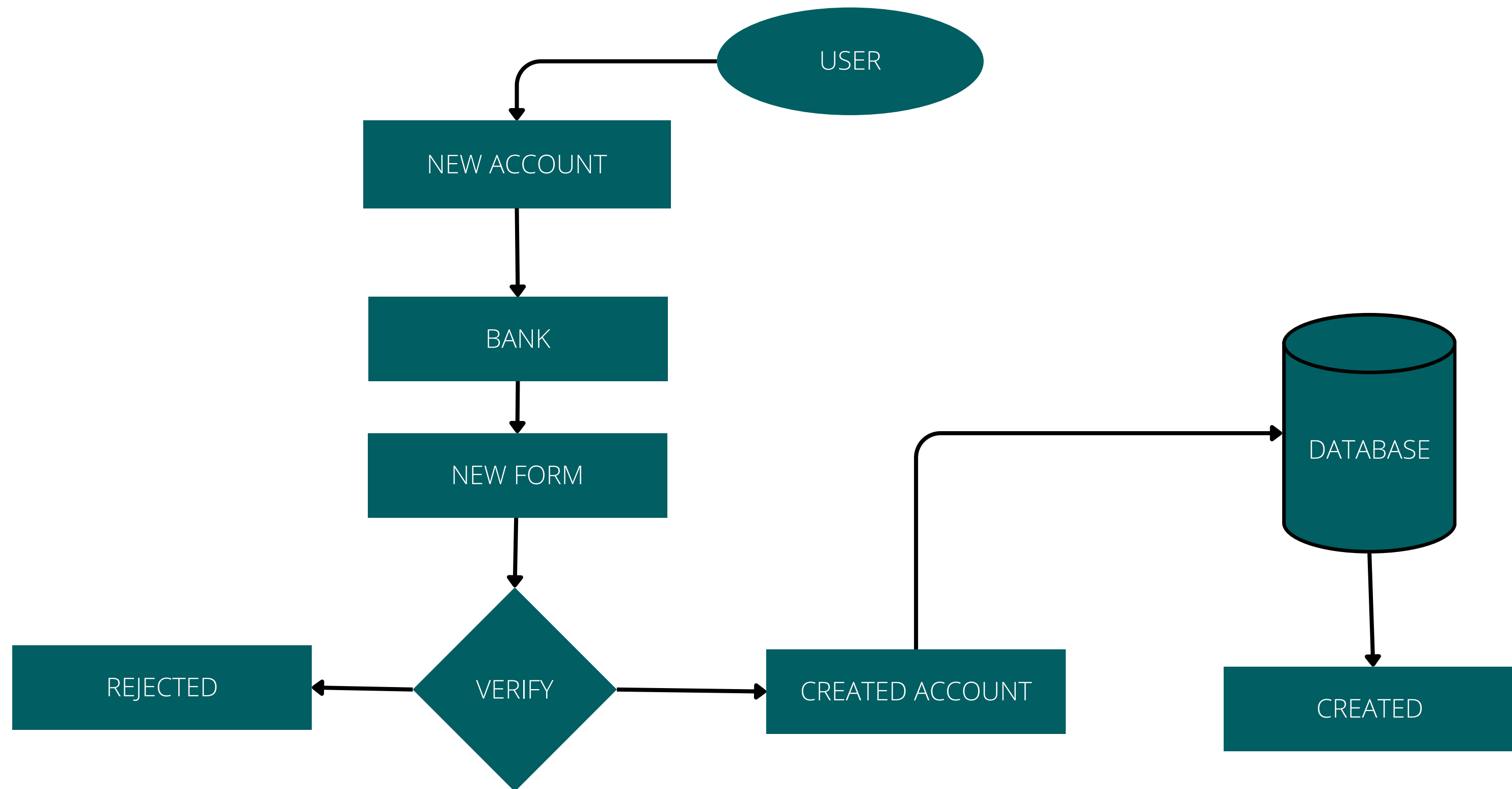
# PROBLEM DESCRIPTION

**To develop a software for solving financial applications of a customer in banking environment in order to nature the needs of an end banking user by providing tasks .Also to enable the user's workspace to have addtional functionalities which are not provided under a conventional banking software**

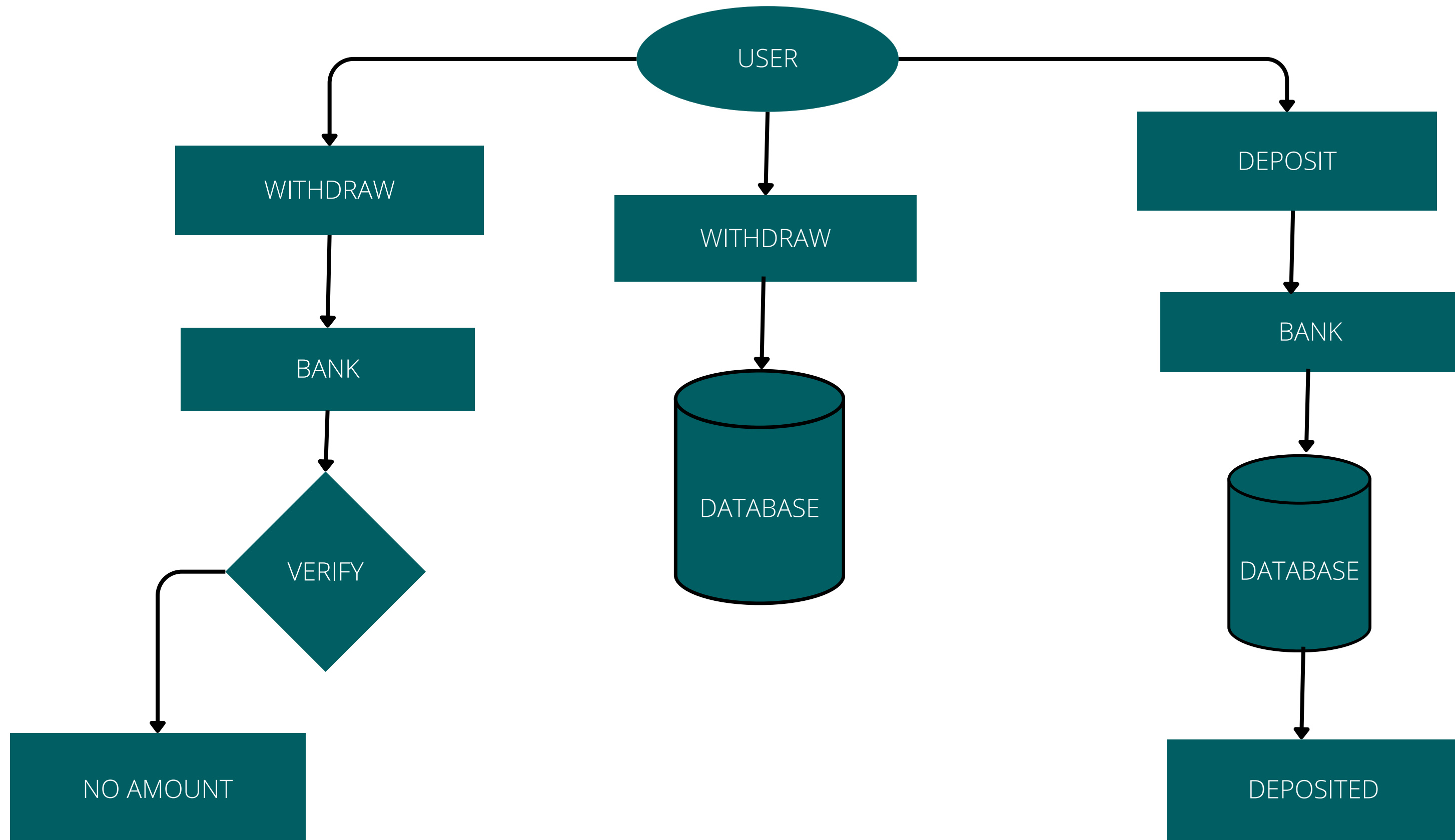
# AIM

**To develop a software for solving financial applications of a customer in banking environment in order to nature the needs of an end banking user by providing tasks .Also to enable the user's workspace to have addtional functionalities which are not provided under a conventional banking software**

# PROPOSED SYSTEM



# PROPOSED SYSTEM



# MODULE DESCRIPTION

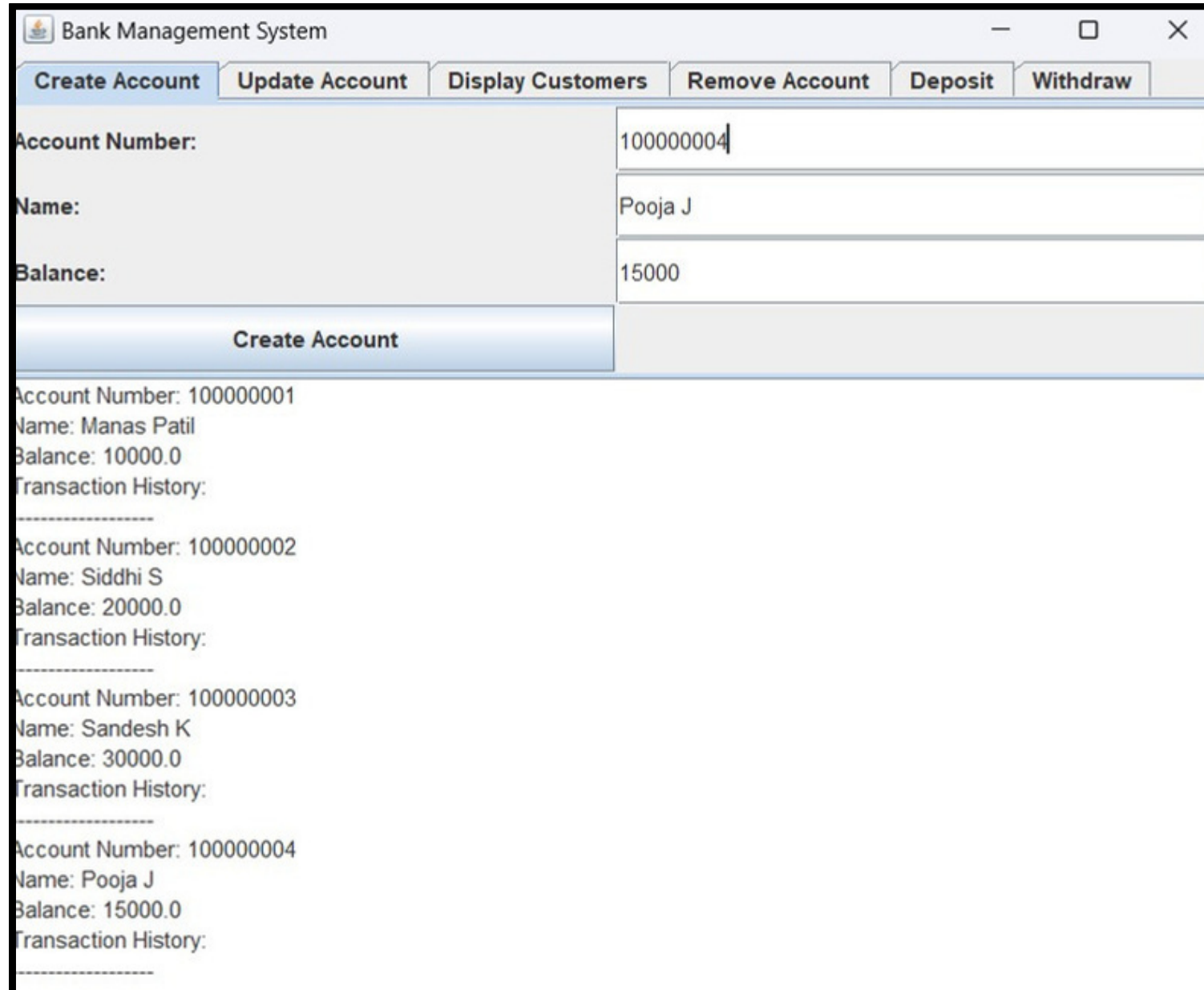
MODULE	DESCRIPTION
CREATE FILE	Selecting this creates a new file for the user by accepting input such as account number,name and account
OPEN ACCOUNT	Opens a new account for the user by accepting input such as account number ,name and minimum balance
SEARCH	Enables to search for the details of the given account number . Displays only one account detail at a time.

# MODULE DESCRIPTION

DEPOSIT	Provides options to deposit amount from the given account number
WITHDRAW	Provides options to withdraw amount from the given account number
CANCEL ACCOUNT	Cancels the selected account from the bank
REPORT	Displays the list of all account .Details comprising of account number ,name and balanced amount



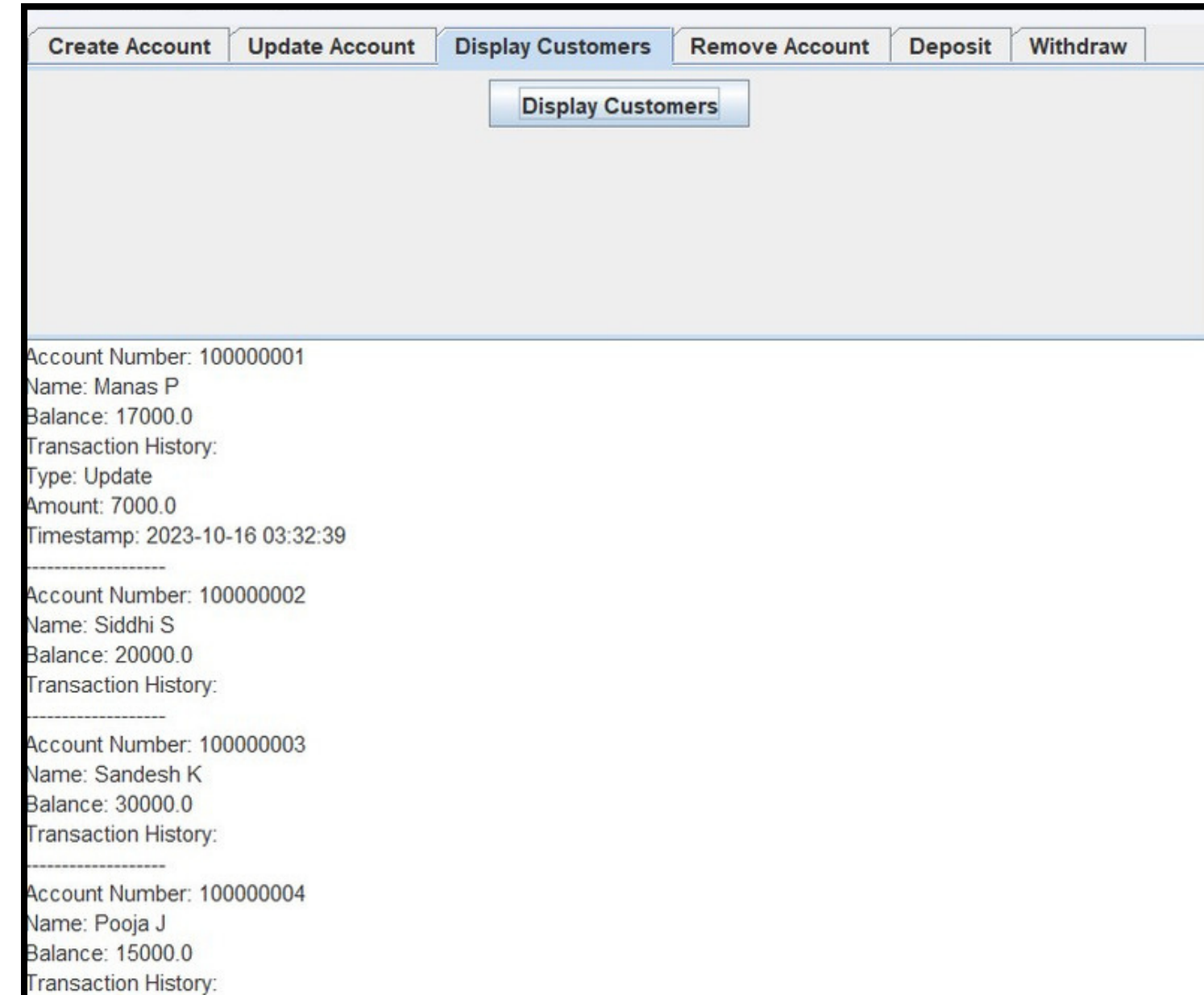
# PROJECT RESULTS



The screenshot shows the 'Create Account' form in a 'Bank Management System' application. The form has tabs for 'Create Account', 'Update Account', 'Display Customers', 'Remove Account', 'Deposit', and 'Withdraw'. The 'Create Account' tab is active. It contains three input fields: 'Account Number' with the value '100000004', 'Name' with the value 'Pooja J', and 'Balance' with the value '15000'. Below these fields is a 'Create Account' button. At the bottom of the window, there is a list of existing accounts with their details.

Account Number	Name	Balance	Transaction History
100000001	Manas Patil	10000.0	
100000002	Siddhi S	20000.0	
100000003	Sandesh K	30000.0	
100000004	Pooja J	15000.0	

Creating accounts

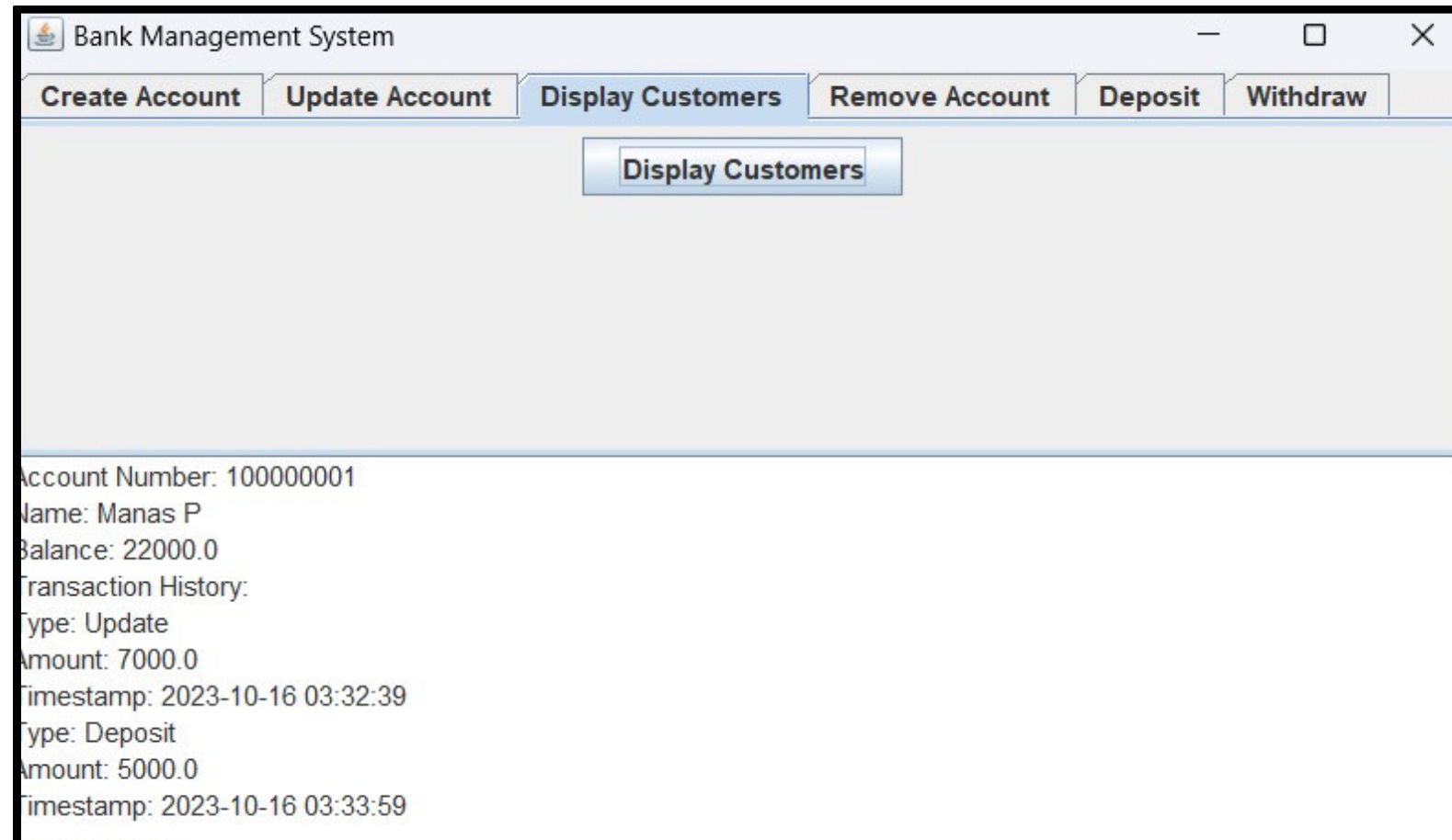


The screenshot shows the 'Display Customers' form in the same 'Bank Management System' application. The 'Display Customers' tab is active. It contains a 'Display Customers' button. Below the button, there is a list of updated accounts with their details.

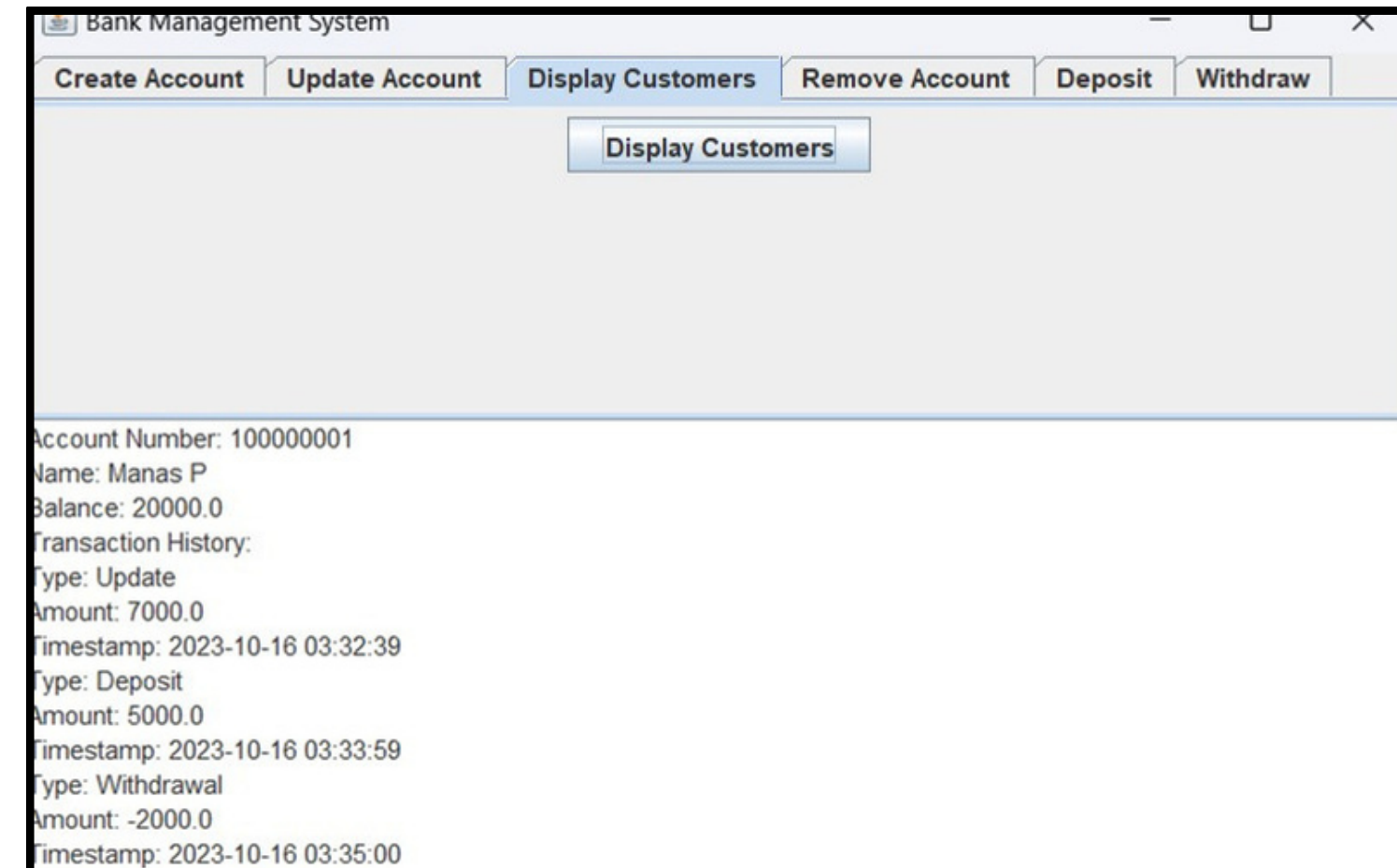
Account Number	Name	Balance	Transaction History
100000001	Manas P	17000.0	Type: Update Amount: 7000.0 Timestamp: 2023-10-16 03:32:39
100000002	Siddhi S	20000.0	
100000003	Sandesh K	30000.0	
100000004	Pooja J	15000.0	

Displaying updated accounts

# PROJECT RESULTS



Deposit History



Withdrawal

# CONCLUSION

Bank management systems play a vital role in the modern banking landscape. They have revolutionized the way banks operate, offering efficiency, security, and improved customer service.

However, it's important for banks to continually adapt and upgrade their systems to keep up with technological advancements and changing customer expectations.

Additionally, they must remain vigilant in ensuring the security and privacy of customer data, given the ever-present threat of cyberattacks.

**THANK YOU!**