

## **MINI-PROJECT REPORT**

### **Bank Management System**



*L&T Technology Services*

**NAME: - Yuvalakshmi V R**

**PS NO: 40020668**

## TABLE OF CONTENTS

SERIAL No.	CONTENT	PAGE No.
1	Introduction	2
2	Features	3
4	4 W's 1H	3
4	SWOT Analysis	4
3	Requirements	5
4	Architecture	6-7
5	Output	8-10

### Introduction:

Bank management system is a project that manages and stores books information electronically according to customer's needs. The project is for monitoring and controlling the transactions in a bank and which mainly focuses on operations in a bank like to store data related to new account, transaction, editing of account information and viewing of account information.

### **Features of the project:**

- (i) Creating new account – To create a new account
- (ii) Cash Deposit – To Deposit some amount in newly created account
- (iii) Cash withdrawal – To Withdraw some amount from your account
- (iv) Display Account information – It will display all informations of the existing accounts
- (v) Log out

### ***4W's and 1'H***

Who:

- Everyone can use the bank management system who want to have benefit of banking.

What:

- Previously it was inefficient due to prolonged time for entering N numbers of customer records manually.
- This project is mainly concerned to cover the major banking activities in single application.

When:

- With the increases of customers daily ,their data needs to be managed.

Where:

- This problem is faced in all the organisation across the world.

How:

- Implementation is done using C language. And also used multifile concept.

## SWOT ANALYSIS

Strength	Weakness
<ul style="list-style-type: none"> <li>• Access at any time</li> <li>• Saves a lot of time;</li> <li>• Faster transaction with lower costs</li> <li>• Convenience for customers</li> <li>• Competitive advantage for economies of scale</li> <li>• Provides better convenience and greater efficiency</li> </ul>	<ul style="list-style-type: none"> <li>• Security issues in digital mode</li> <li>• Sensitivity to the global economy</li> <li>• The use of Internet banking depends on the availability of the Internet</li> <li>• Can only target specific customers</li> </ul>
Opportunities	Threats
<ul style="list-style-type: none"> <li>• Raising awareness of the benefits of digital banking among people</li> <li>• Integration of domestic banks with foreign markets</li> <li>• Better development in areas such as risk management</li> <li>• Developing a modern it base to avoid system failures and provide an efficient and secure platform for online transactions.</li> </ul>	<ul style="list-style-type: none"> <li>• Any security-related issues or news may pose a threat</li> <li>• Tough competition</li> <li>• Global economic instability</li> <li>• Lack of effective rules</li> <li>• Lack of customer loyalty</li> </ul>

## **Detail requirements**

### **High Level Requirements:**

<b>ID</b>	<b>Description</b>	<b>Status (Implemented/Future)</b>
HLR1	System Shall be able to open new Account	Implemented
HLR2	User shall Deposit Money	Implemented
HLR3	User shall Withdraw Money	Implemented
HLR4	User shall View Details	Implemented

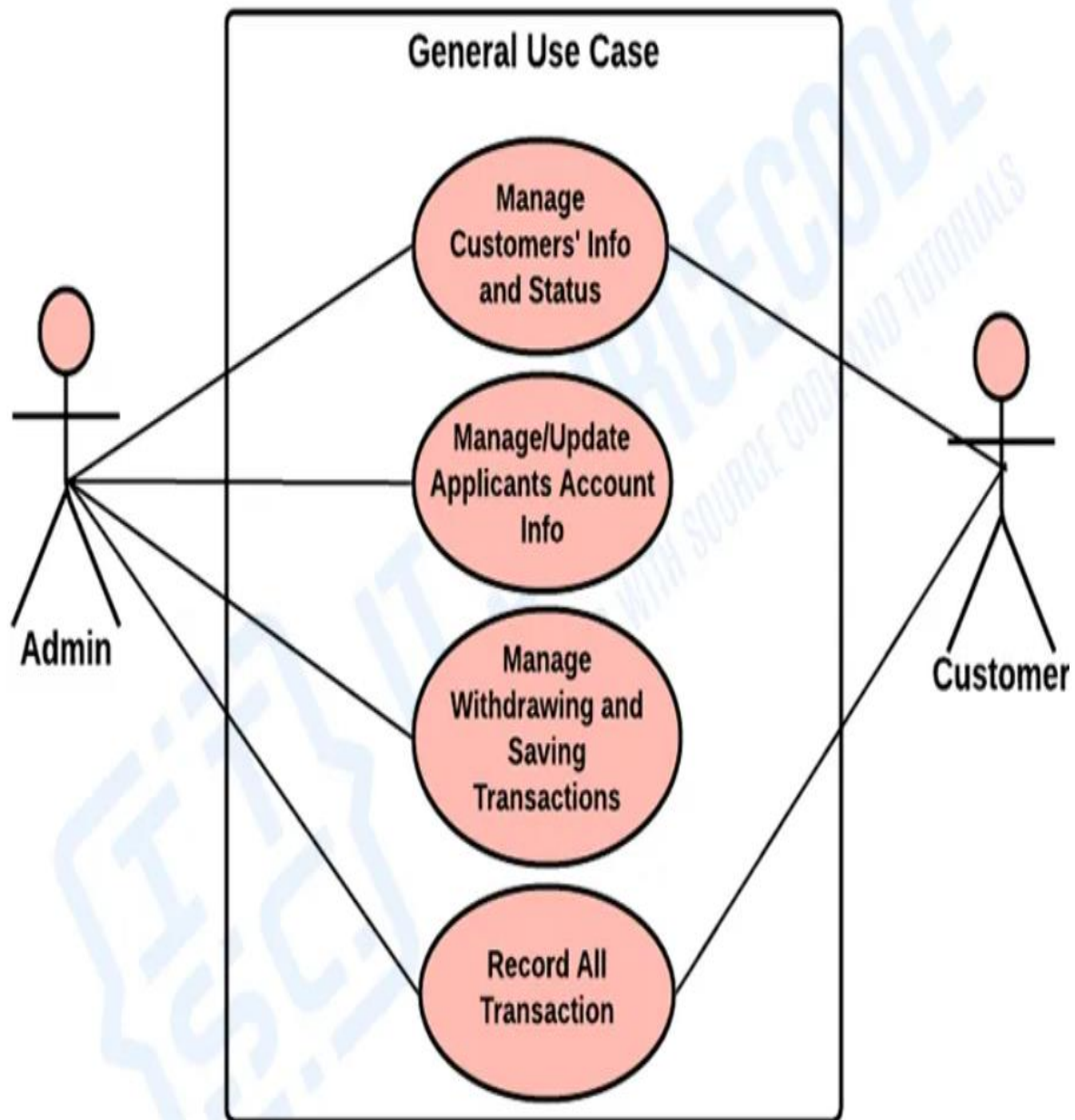
### **Low level Requirements:**

<b>ID</b>	<b>Description</b>	<b>Status (Implemented/Future)</b>
LLR1	User can have transaction only if user has Account	Implemented
LLR2	System Shall be able to open new Account	Implemented

## Architecture

### High Level Design

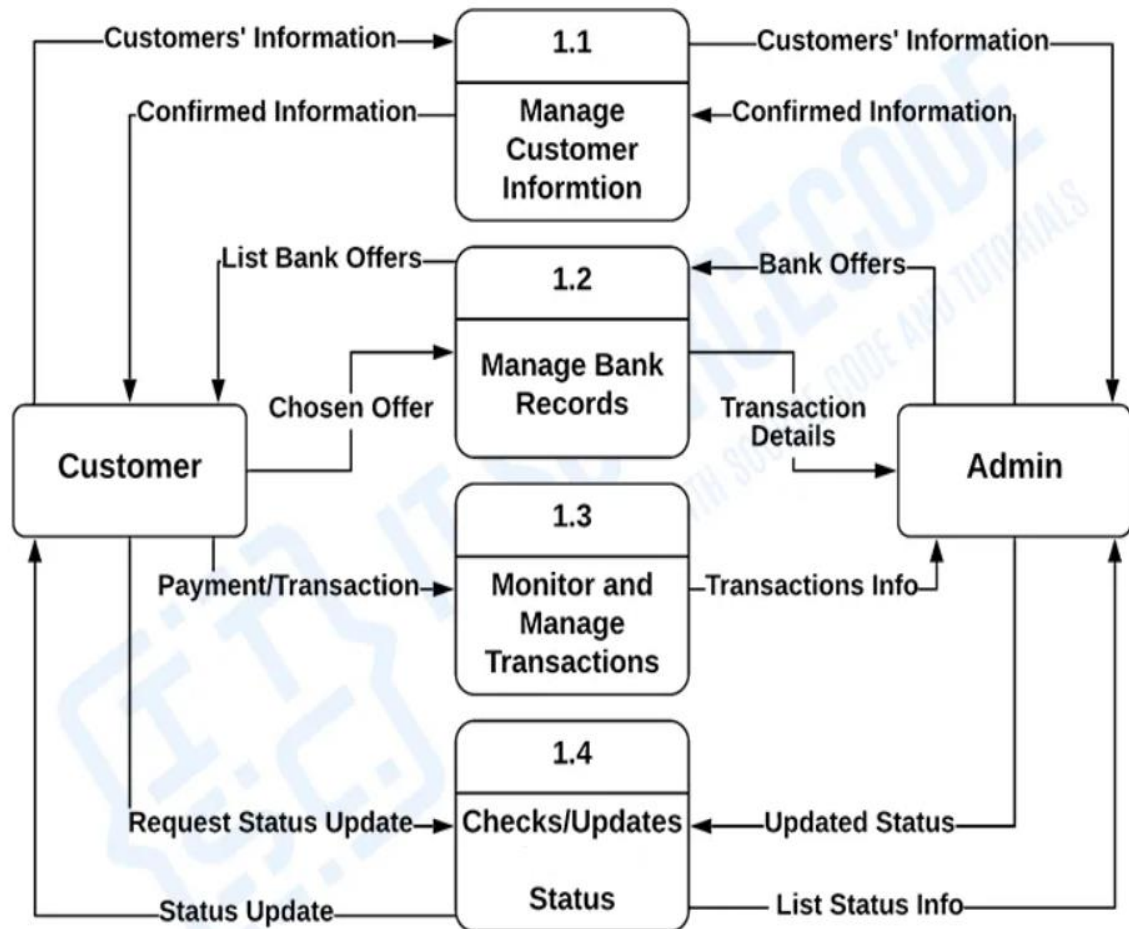
#### (i) Use case diagram



## Low Level Design

### (ii) Activity diagram

# BANK MANAGEMENT SYSTEM



## OUTPUT

```
***** Welcome to Bank Application *****

1. Create new account
2. Cash Deposit
3. Cash withdrawl
4. Account information
5. Log out
6. Clear the screen and display available options

Please enter any options <1/2/3/4/5/6> to continue : 1

Enter the bank name           : ICICI
Enter the bank branch         : Chennai
Enter the account holder name : Thiyagarajan
Enter the account number<1 to 10>: 1
Enter the account holder address : Namakkal

Account has been created successfully

Bank name           : ICICI
Bank branch         : Chennai
Account holder name : Thiyagarajan
Account number       : 1
Account holder address : Namakkal
Available balance    : 0.000000

***** Welcome to Bank Application *****

1. Create new account
2. Cash Deposit
3. Cash withdrawl
4. Account information
5. Log out
6. Clear the screen and display available options
```



Please enter any options <1/2/3/4/5/6> to continue : 2  
Enter the account number you want to deposit money : 1

The current balance for account 1 is 0.000000

Enter money you want to deposit to the account : 5000

The New balance for account 1 is 5000.000000

\*\*\*\*\* Welcome to Bank Application \*\*\*\*\*

1. Create new account
2. Cash Deposit
3. Cash withdrawl
4. Account information
5. Log out
6. Clear the screen and display available options

Please enter any options <1/2/3/4/5/6> to continue : 4

Bank name : ICICI  
Bank branch : Chennai  
Account holder name : Thiyagarajan  
Account number : 1  
Account holder address : Namakkal  
Available balance : 5000.000000

\*\*\*\*\* Welcome to Bank Application \*\*\*\*\*

1. Create new account
2. Cash Deposit
3. Cash withdrawl
4. Account information
5. Log out
6. Clear the screen and display available options

```

Please enter any options <1/2/3/4/5/6> to continue : 3
Enter the account number you want to withdraw money : 1

The current balance for account 1 is 5000.000000

Enter money you want to withdraw from the account 1500

The New balance for account 1 is 3500.000000

***** Welcome to Bank Application *****

This demo program is brought you by http://fresh2refresh.com/

1. Create new account
2. Cash Deposit
3. Cash withdrawl
4. Account information
5. Log out
6. Clear the screen and display available options

Please enter any options <1/2/3/4/5/6> to continue : 4

Bank name           : ICICI
Bank branch         : Chennai
Account holder name  : Thiyagarajan
Account number       : 1
Account holder address : Namakkal
Available balance    : 3500.000000

***** Welcome to Bank Application *****

This demo program is brought you by http://fresh2refresh.com/

1. Create new account
2. Cash Deposit
3. Cash withdrawl
4. Account information
5. Log out
6. Clear the screen and display available options

Please enter any options <1/2/3/4/5/6> to continue : _

```