

# **“CO-OPERATIVE BANK”**

**BANK MANAGEMENT SYSTEM**

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**VAIBHAVI NIMJE (213213)**

**TYBBA-CA**

## INTRODUCTION TO BANK MANAGEMENT SYSTEM

- A bank is a financial institution which accepts deposits, pays interest on pre-defined rates, clears checks, makes loans, and often acts as an intermediary in financial transactions. It also provides other financial services to its customers.
- Bank management governs various concerns associated with bank in order to maximize profits. The concerns broadly include liquidity management, asset management, liability management and capital management.
- The Traditional way of maintaining details of a user in a bank was to enter the details and record them. Every time the user needs to perform some transactions he has to go to bank and perform the necessary actions, which may not be so feasible all the time. It may be a hard-hitting task for the users and the bankers too.
- The project gives real life understanding of web application Banking System and activities performed by various roles in the supply chain. Here, we provide automation for banking system. Web application Banking System project captures activities performed by different roles in real life banking which provides enhanced techniques for maintaining the required information up-to-date, which results in efficiency. The project gives real life understanding of web application Banking System and activities performed by various roles in the supply chain.

## HARDWARE AND SOFTWARE REQUIREMENTS

### HARDWARE REQUIREMENTS: -

Processor: Intel Core i3 & 2.00GHz.

RAM: 4GB and above.

Hard Disk: 128GB

Cache Memory: 512KB

### SOFTWARE REQUIREMENTS: -

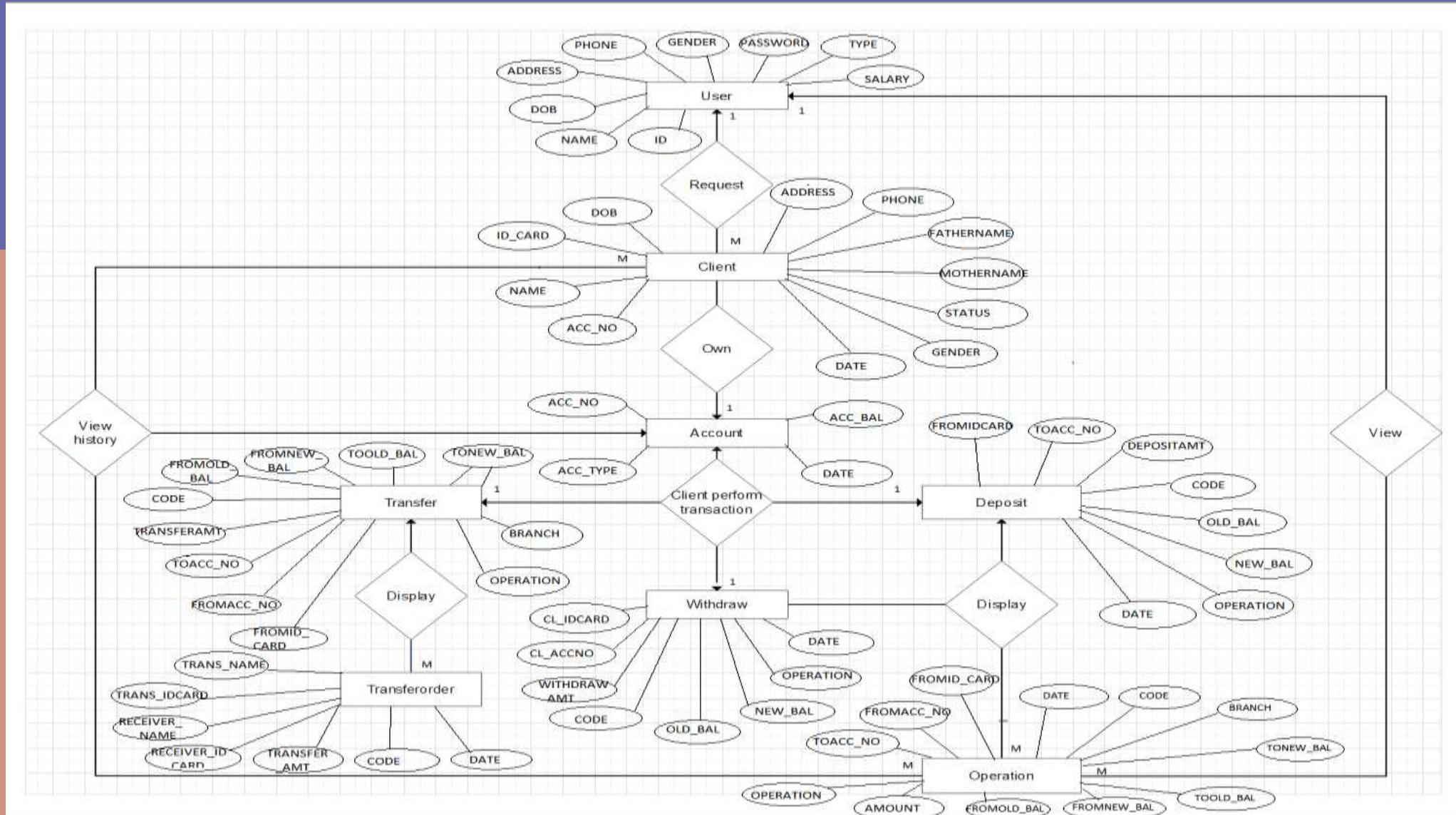
Front End/Language: Advance Java

Back End/Database: MySQL

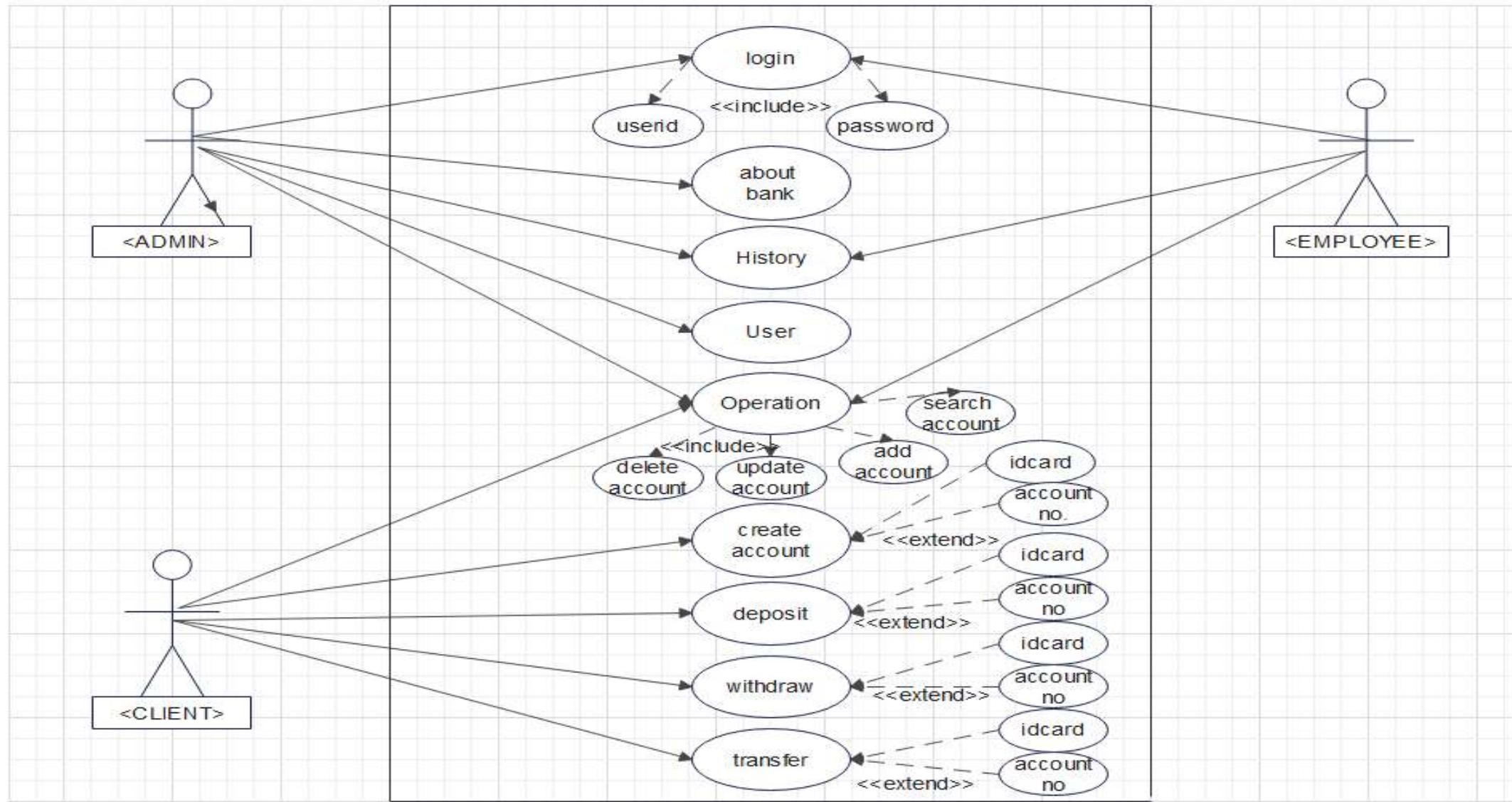
Additional Tools: Xampp

Operating System: Windows 10

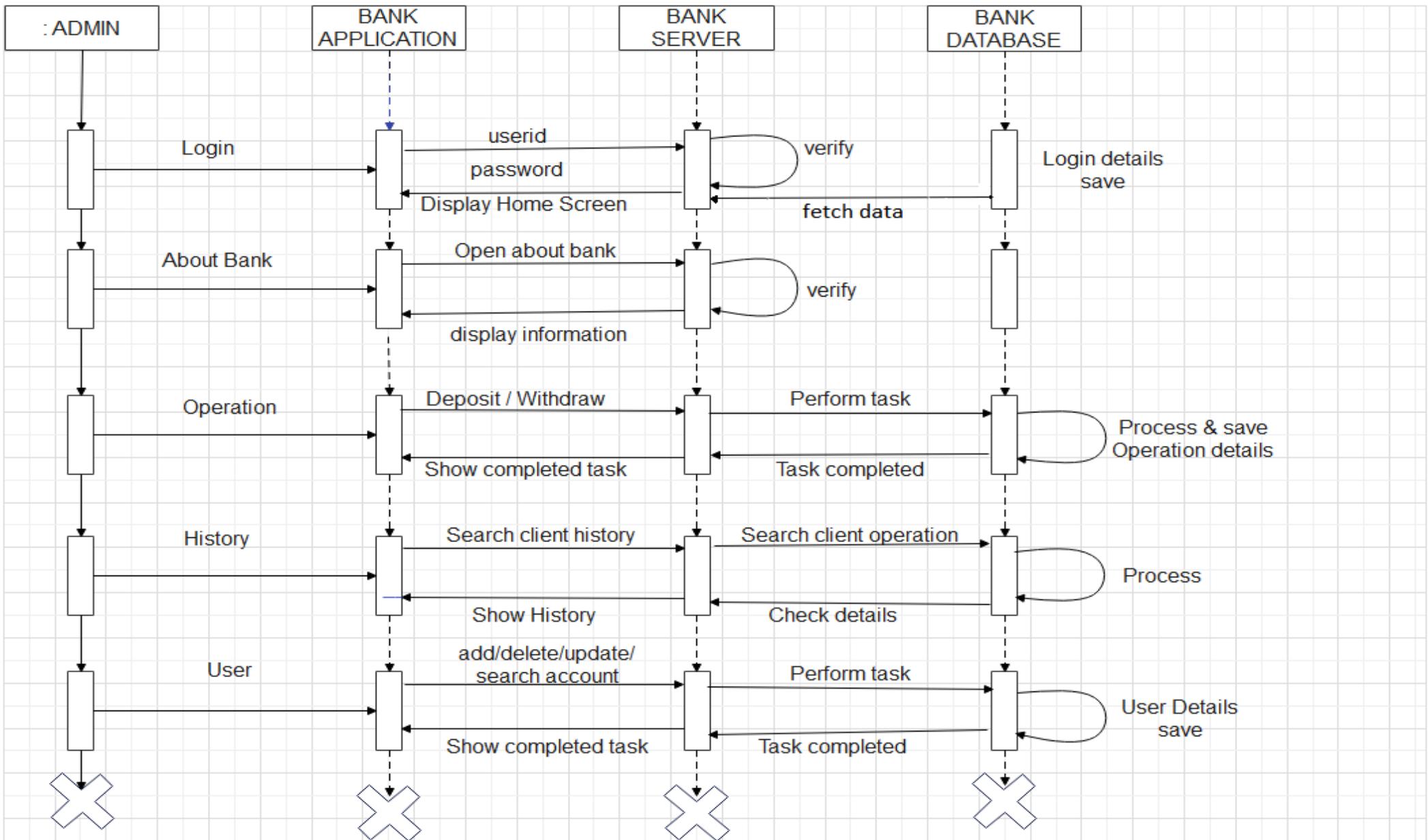
# DIAGRAMS



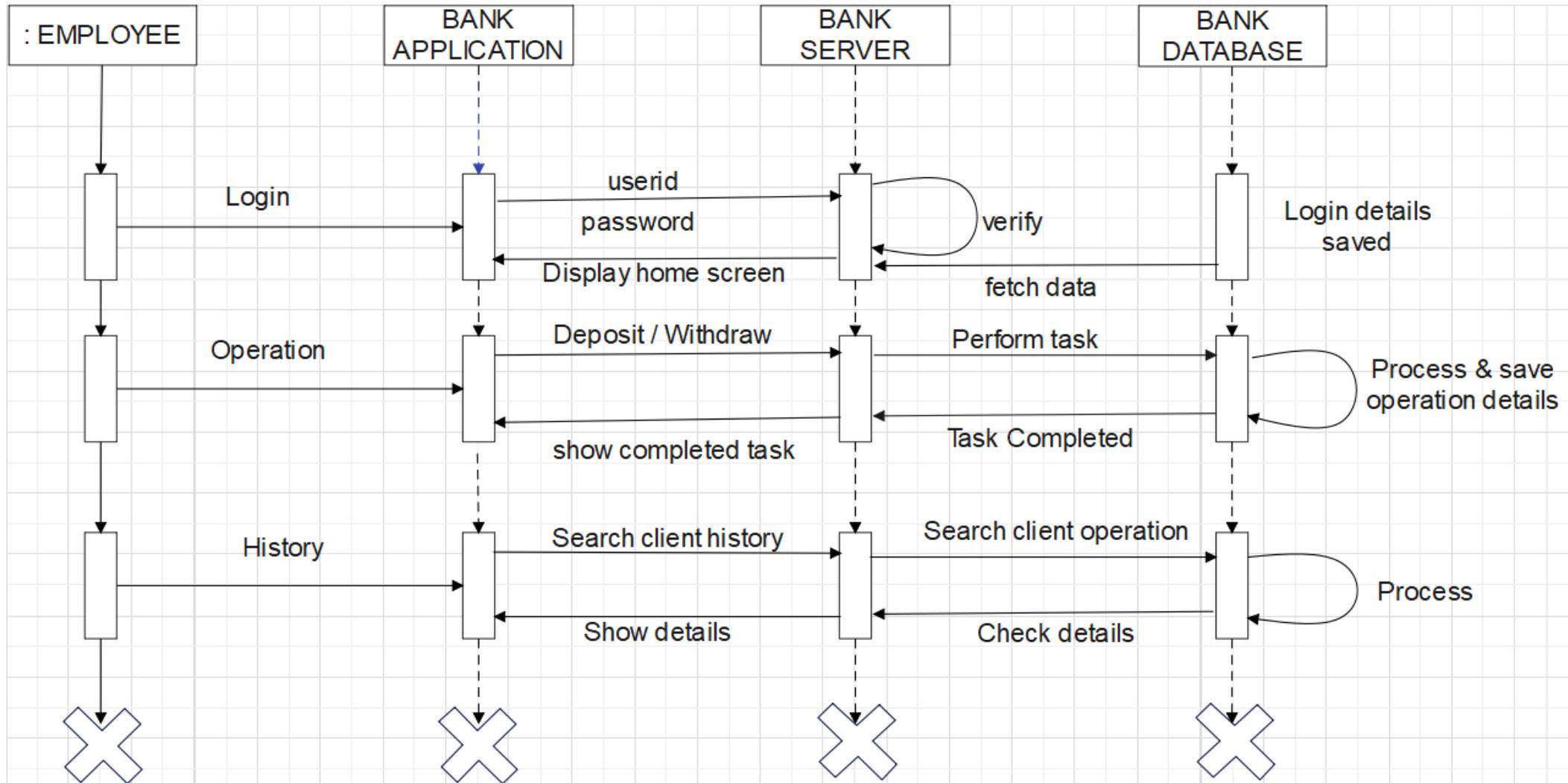
**ENTITY RELATIONSHIP DIAGRAM**



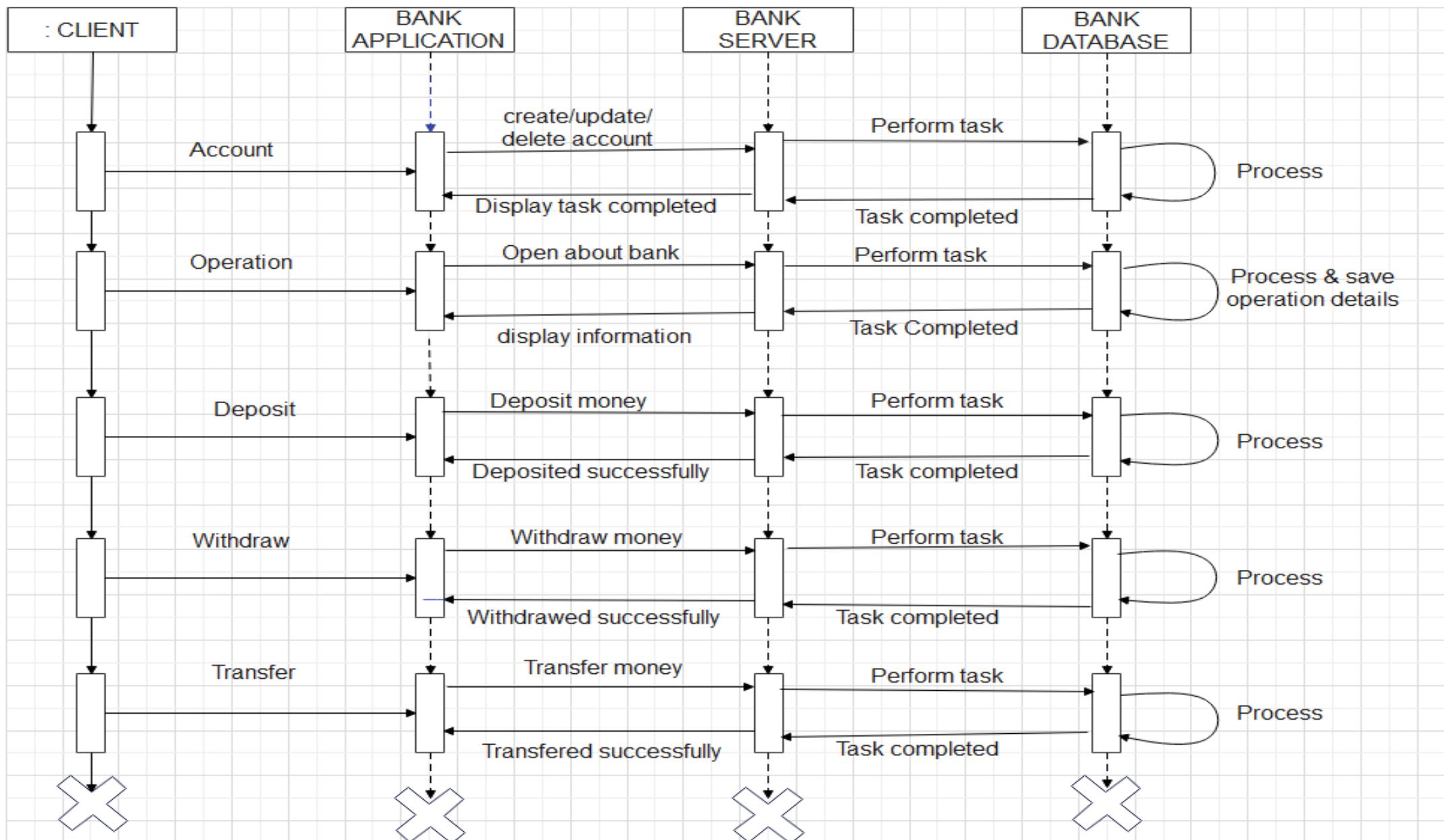
USE CASE DIAGRAM



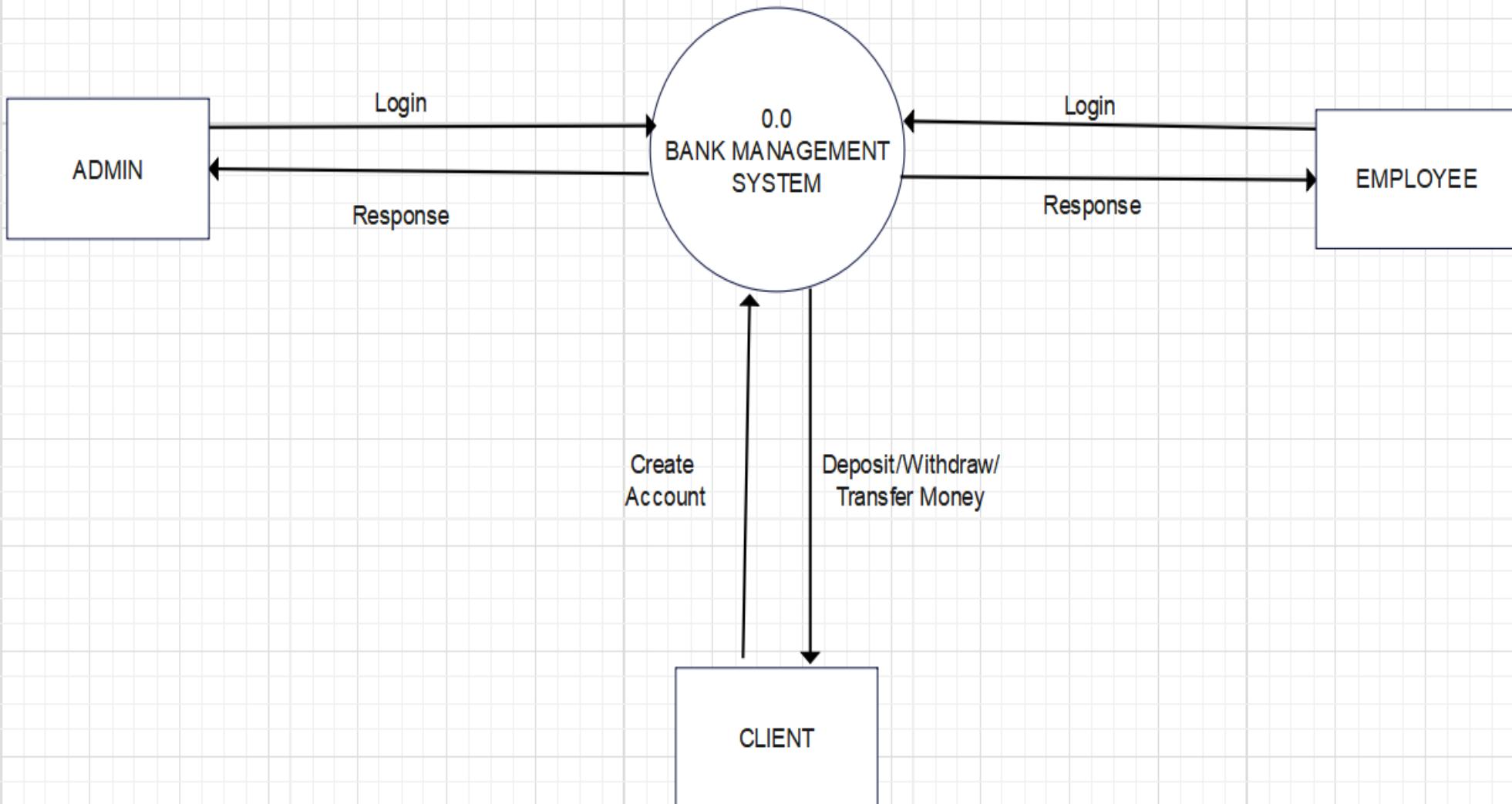
## ADMIN SEQUENCE DIAGRAM



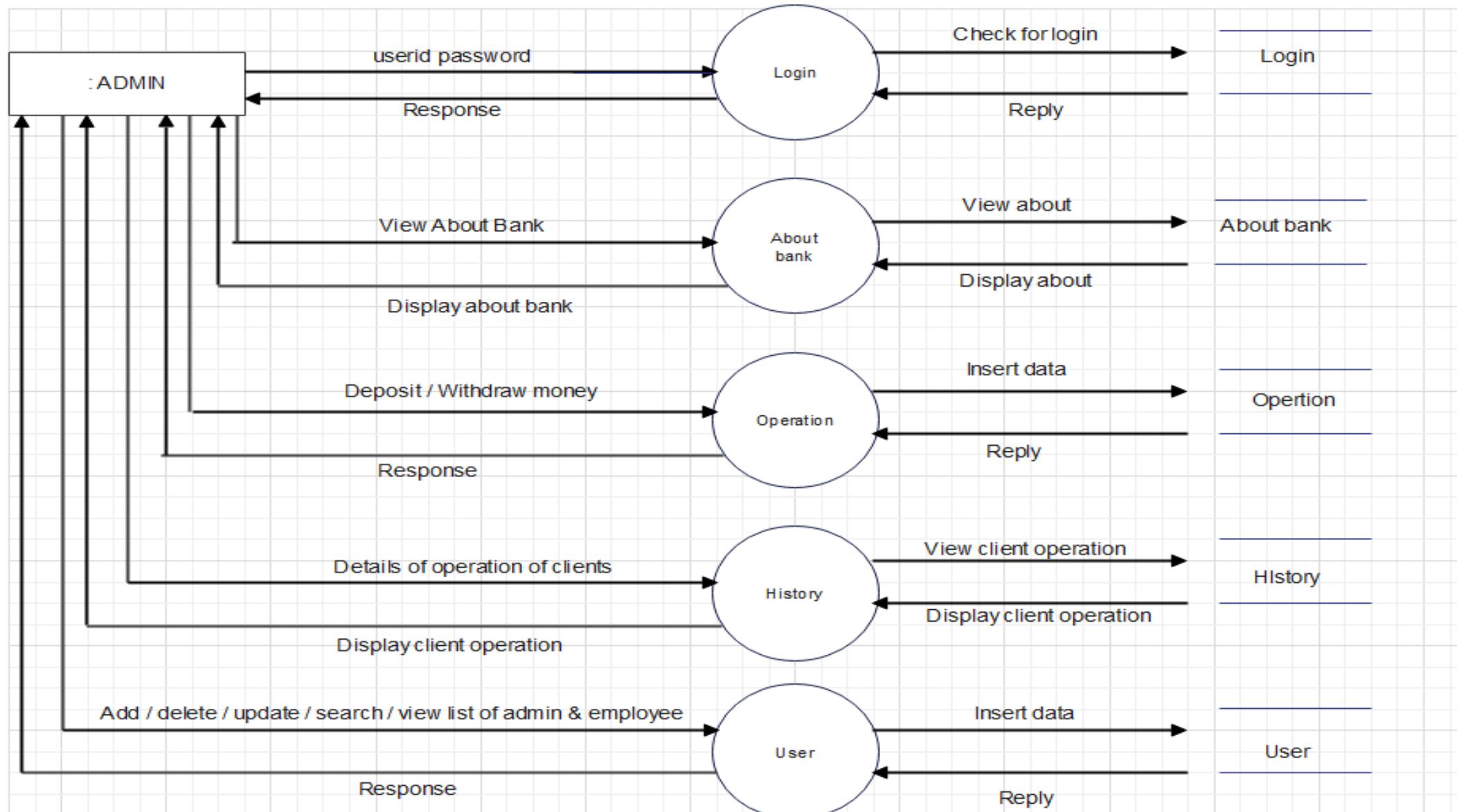
## EMPLOYEE SEQUENCE DIAGRAM



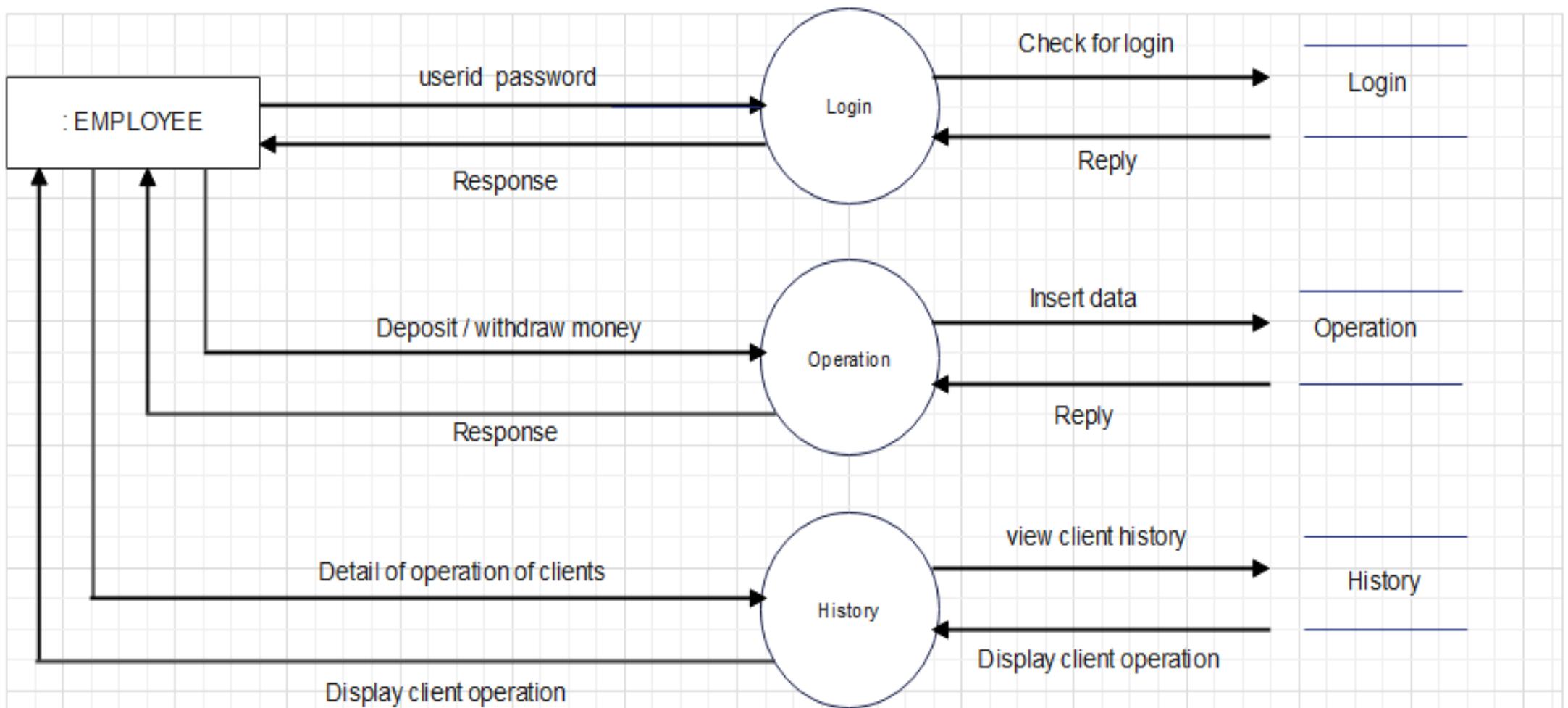
**CLIENT SEQUENCE DIAGRAM**



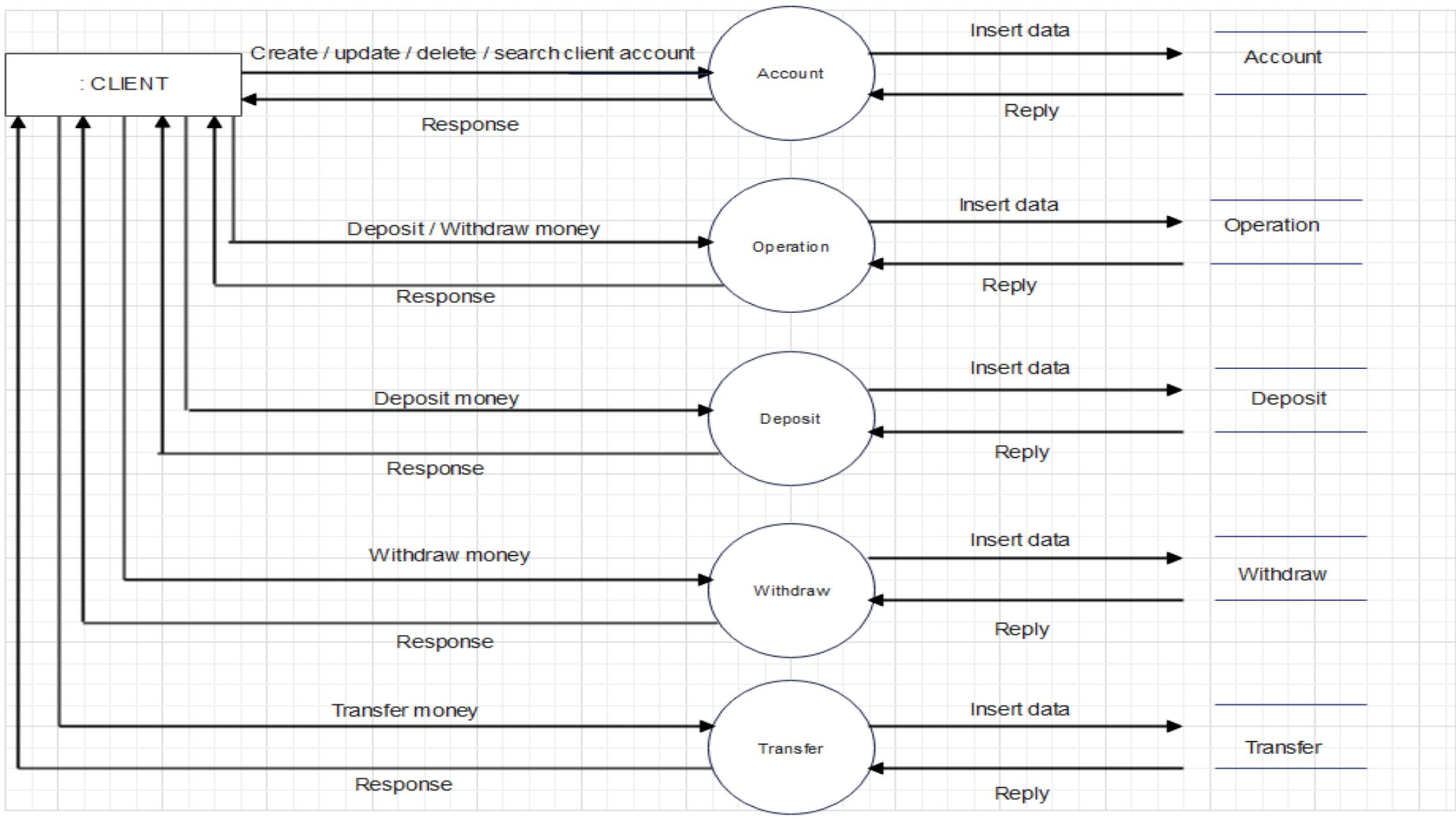
**DATAFLOW (0 LEVEL) DIAGRAM**



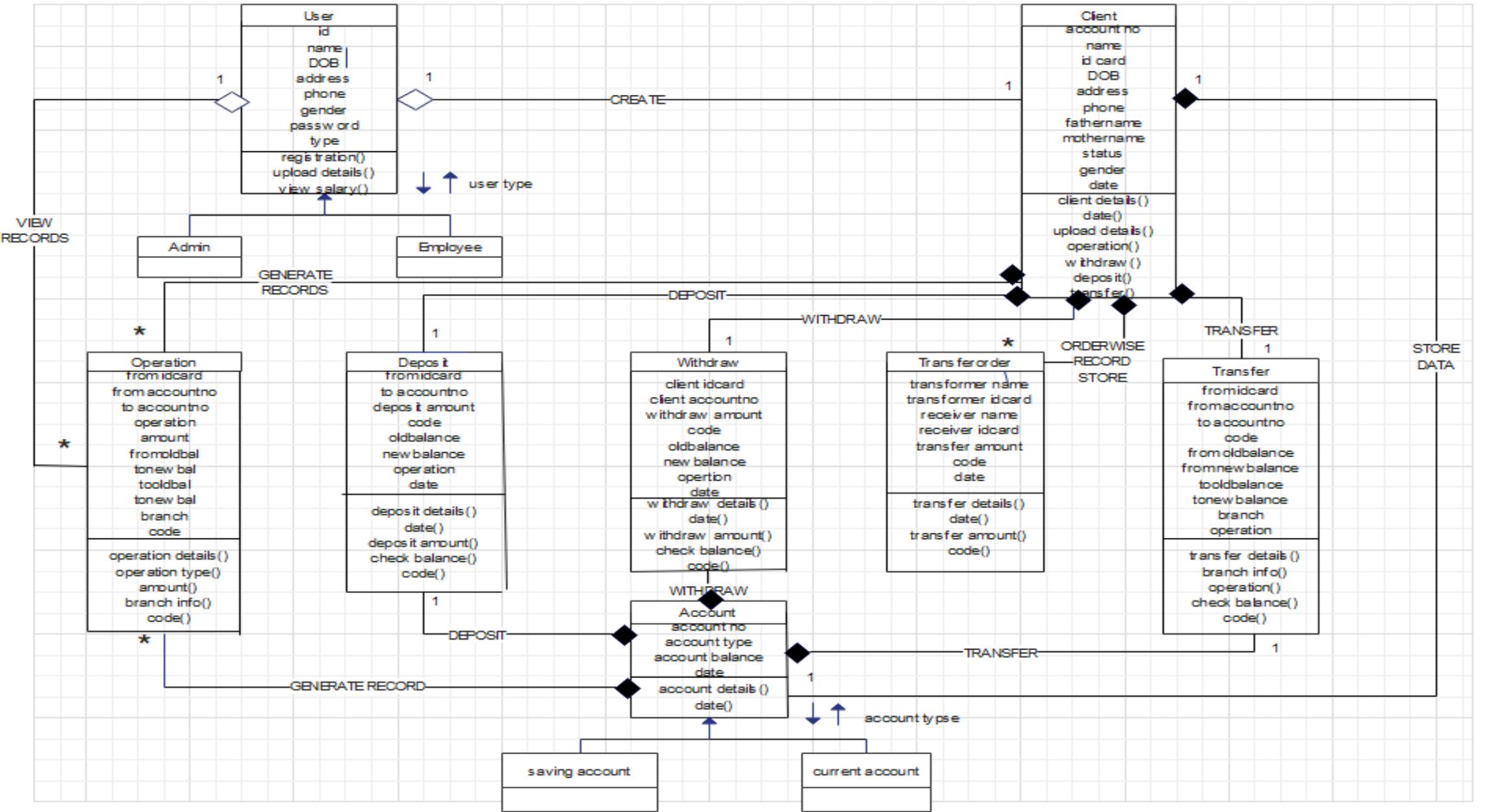
## ADMIN DATAFLOW(1 LEVEL) DIAGRAM



**EMPLOYEE (1 LEVEL) DATAFLOW DIAGRAM**



**CLIENT (1 LEVEL) DATAFLOW DIAGRAM**



## CLASS DIAGRAM

# DATABASE DESIGN

## ACCOUNT TABLE

SR NO.	FIELD NAME	DATA TYPE(SIZE)	CONSTRAINTS
1	ACC_NO	INT (20)	PRIMARY KEY
2	ACC_TYPE	VARCHAR (50)	NOT NULL
3	ACC_BAL	INT (20)	NOT NULL
4	ACC_DATE	DATE (10)	DATE

## CLIENT TABLE

SR NO.	FIELD NAME	DATA TYPE	CONSTRAINTS
1	ACC_NO	INT (20)	FOREIGN KEY
2	NAME	VARCHAR (50)	NOT NULL
3	ID_CARD	INT (20)	NOT NULL
4	DOB	DATE (10)	DATE
5	ADDRESS	VARCHAR (100)	UNIQUE KEY
6	PHONE	INT (10)	SURROGATE KEY
7	FATHERNAME	VARCHAR (50)	NOT NULL
8	MOTHERNAME	VARCHAR (50)	NOT NULL
9	STATUS	VARCHAR (50)	NOT NULL
10	GENDER	VARCHAR (10)	NOT NULL
11	CLI_DATE	DATE (10)	DATE

## DEPOSIT TABLE

SR NO.	FIELD NAME	DATA TYPE (SIZE)	CONSTRAINTS
1	FROMIDCARD	INT (20)	PRIMARY KEY
2	TOACC_NO	INT (20)	NOT NULL
3	DEPOSITAMT	INT (20)	NOT NULL
4	CODE	VARCHAR (5)	UNIQUE KEY
5	OLD_BAL	INT (20)	NOT NULL
6	NEW_BAL	INT (20)	NOT NULL
7	OPERATION	VARCHAR (50)	NOT NULL
8	DEP_DATE	DATE (10)	DATE

## OPERATION TABLE

SR NO.	FIELD NAME	DATA TYPE (SIZE)	CONSTRAINTS
1	FROMIDCARD	INT (20)	FOREIGN KEY
2	FROMACC_NO	INT (20)	NOT NULL
3	TOACC_NO	INT (20)	NOT NULL
4	OPERATION	VARCHAR (50)	NOT NULL
5	AMOUNT	INT (20)	NOT NULL
6	FROMOLD_BAL	INT (20)	NOT NULL
7	FROMNEW_BAL	INT (20)	NOT NULL
8	TOOLD_BAL	INT (20)	NOT NULL
9	TONEW_BAL	INT (20)	NOT NULL
10	BRANCH	VARCHAR (50)	NOT NULL
11	CODE	VARCHAR (5)	UNIQUE KEY
12	OPE_DATE	DATE (10)	DATE

## TRANSFER TABLE

SR NO.	FIELD NAME	DATA TYPE (SIZE)	CONSTRAINTS
1	FROMIDCARD	INT (20)	FOREIGN KEY
2	FROMACC_NO	INT (20)	NOT NULL
3	TOACC_NO	INT (20)	NOT NULL
4	TRANSFERAMT	INT (20)	NOT NULL
5	CODE	VARCHAR (5)	UNIQUE KEY
6	FROMOLD_BAL	INT (20)	NOT NULL
7	FROMNEW_BAL	INT (20)	NOT NULL
8	TOOLD_BAL	INT (20)	NOT NULL
9	TONEW_BAL	INT (20)	NOT NULL
10	BRANCH	VARCHAR (50)	NOT NULL
11	OPERATION	VARCHAR (50)	NOT NULL
12	TRANS_DATE	DATE (10)	DATE

## TRANSFERORDER TABLE

SR NO.	FIELD NAME	DATA TYPE(SIZE)	CONSTRAINT
1	TRANS_NAME	VARCHAR (20)	PRIMARY KEY
2	TRANS_IDCARD	INT (20)	NOT NULL
3	RECEIVER_NAME	VARCHAR (20)	NOT NULL
4	RECEIVER_IDCARD	INT (20)	NOT NULL
5	TRANSFER_AMT	INT (20)	NOT NULL
6	CODE	VARCHAR (5)	UNIQUE KEY
7	TRANSOR_DATE	DATE (10)	DATE

## USER TABLE

SR NO.	FIELD NAME	DATA TYPE (SIZE)	CONSTRAINTS
1	ID	INT (20)	PRIMARY KEY
2	NAME	VARCHAR (50)	NOT NULL
3	DOB	DATE (10)	DATE
4	ADDRESS	VARCHAR (100)	UNIQUE KEY
5	PHONE	INT (10)	SURROGATE KEY
6	GENDER	VARCHAR (10)	NOT NULL
7	PASSWORD	VARCHAR (50)	UNIQUE KEY
8	TYPE	VARCHAR (50)	NOT NULL
9	SALARY	INT (20)	NOT NULL

## WITHDRAW TABLE

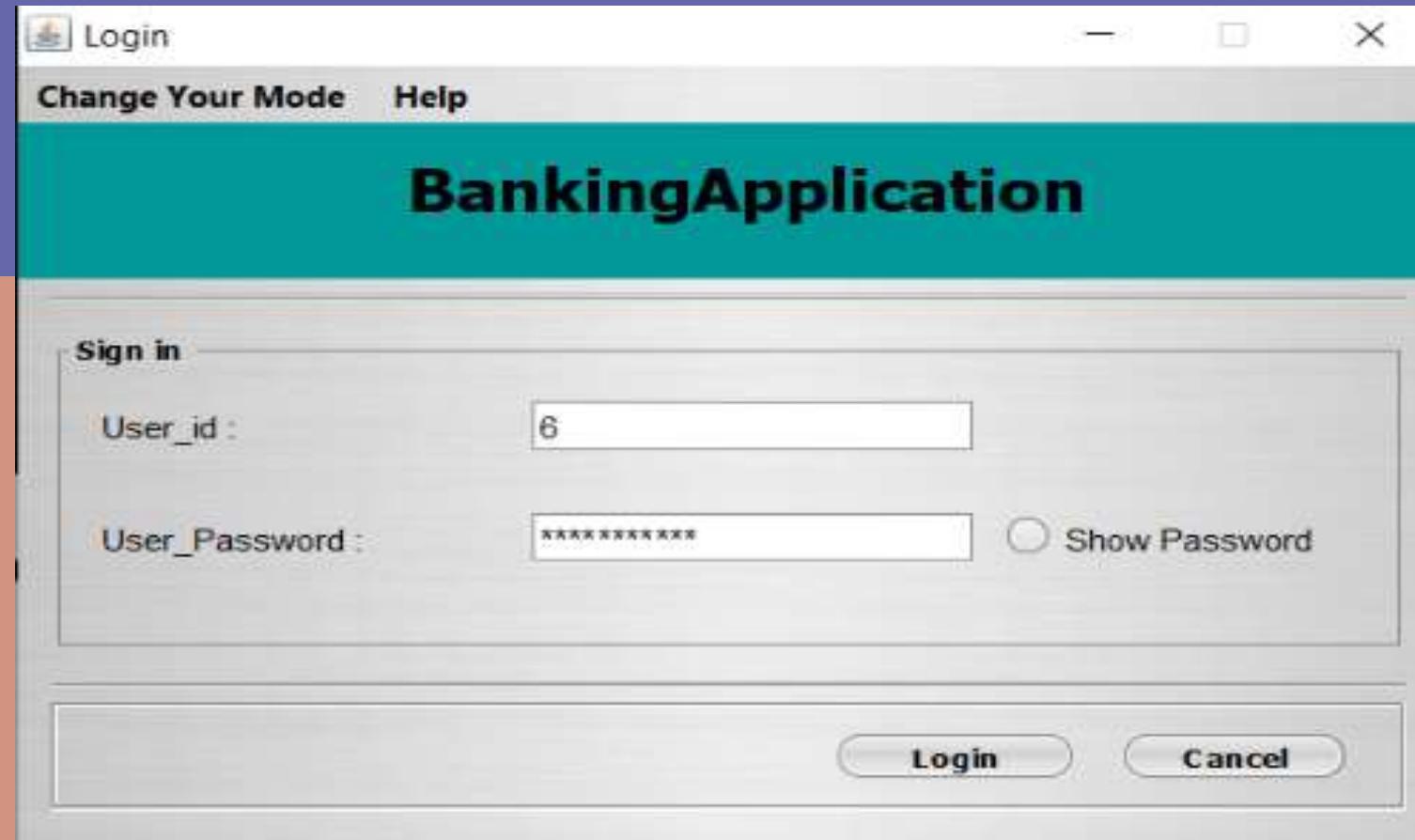
SR NO.	FIELD NAME	DATA TYPE(SIZE)	CONSTRAINTS
1	CL_IDCARD	INT (20)	PRIMARY KEY
2	CL_ACCNO	INT (20)	NOT NULL
3	WITHDRAWAMT	INT (20)	NOT NULL
4	CODE	VARCHAR (5)	UNIQUE KEY
5	OLD_BAL	INT (20)	NOT NULL
6	NEW_BAL	INT (20)	NOT NULL
7	OPERATION	VARCHAR (50)	NOT NULL
8	WITH_DATE	DAT (10)	DATE

## DATA DICTIONARY

FIELD NAME	DATA TYPE (SIZE)	DESCRIPTION
<b>ACC_BAL</b>	INT (20)	New Client Account balance
<b>ACC_DATE</b>	DATE (10)	Date of new account creation
<b>ACC_NO</b>	INT (20)	New Client Account number
<b>ACC_TYPE</b>	VARCHAR (50)	New Client Account Type
<b>ADDRESS</b>	VARCHAR (100)	New Client Address
<b>BRANCH</b>	VARCHAR (50)	Bank Branch Name
<b>CL_ACCNO</b>	INT (20)	Client Account Number
<b>CL_IDCARD</b>	INT (20)	Client ID card
<b>CLI_NAME</b>	VARCHAR (50)	Client's name
<b>CLI_PHONE</b>	INT (20)	Client phone number
<b>CODE</b>	VARCHAR (5)	Client Code
<b>DEP_DATE</b>	DATE (10)	Date of deposit
<b>DEPNEW_BAL</b>	INT (20)	New balance after deposit
<b>DEPOLD_BAL</b>	INT (20)	Old balance before deposit
<b>DEPOSITAMT</b>	INT (20)	Client Amount deposited
<b>DOB</b>	DATE (10)	Client date of birth
<b>FATHERNAME</b>	VARCHAR (50)	Client's father name
<b>FROM_ACCNO</b>	INT (20)	Sender account number
<b>FROM_IDCARD</b>	INT (20)	Sender ID card
<b>FROMNEW_BAL</b>	INT (20)	Sender Updated new balance
<b>FROMOLD_BAL</b>	INT (20)	Sender Previous balance
<b>GENDER</b>	VARCHAR (10)	Client's gender
<b>ID</b>	INT (20)	Bank Login ID
<b>ID_CARD</b>	INT (20)	Client ID card

<b>MOTHERNAME</b>	<b>VARCHAR (50)</b>	<b>Client's mother name</b>
<b>OPERATION</b>	VARCHAR (50)	Operation Process
<b>ORD_TRANSFERAMT</b>	INT (20)	Order wise transfer amount
<b>PASSWORD</b>	VARCHAR (50)	Bank login password
<b>RECEIVER_IDCARD</b>	INT (20)	Receiver Idcard
<b>RECEIVER_NAME</b>	VARCHAR (50)	Receiver name
<b>SALARY</b>	INT (20)	Staff salary
<b>STATUS</b>	VARCHAR (50)	Client's marital status
<b>TOACC_NO</b>	INT (20)	Receiver account number
<b>TONEW_BAL</b>	INT (20)	Receiver Updated new balance
<b>TOOLD_BAL</b>	INT (20)	Receiver Previous balance
<b>TRANS_DATE</b>	DATE (10)	Date of transfer order
<b>TRANS_IDCARD</b>	INT (20)	Sender Transfer ID card
<b>TRANS_NAME</b>	VARCHAR (50)	Sender Transfer name
<b>TRANSFERAMT</b>	INT (20)	Transferred amount
<b>TYPE</b>	VARCHAR (50)	Bank Staff Type
<b>USER_NAME</b>	VARCHAR (50)	User's name
<b>USER_PHONE</b>	INT (20)	User phone number
<b>WITH_DATE</b>	DATE (10)	Date of withdraw
<b>WITHDRAWAMT</b>	INT (20)	Client Withdraw amount
<b>WITHNEW_BAL</b>	INT (20)	New balance after withdraws
<b>WITHOLD_BAL</b>	INT (20)	Old balance before withdraws

## SCREENSHOTS



ADMIN LOGIN PAGE



SHOWING ERROR WHEN PUT WRONG PASSWORD



[FORGET PASSWORD PAGE](#)



Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 02:28:29

Today : 06-02-20...



## Account

[Add Account](#)[Delete Account](#)[Update Account](#)

## Operation

[Deposit](#)[Withdraw](#)[Transfer](#)

## History

[Deposit Details](#)[Withdraw Details](#)[Transfer Details](#)[Operations Details](#)

## Logout

[Logout](#)

for Java De...

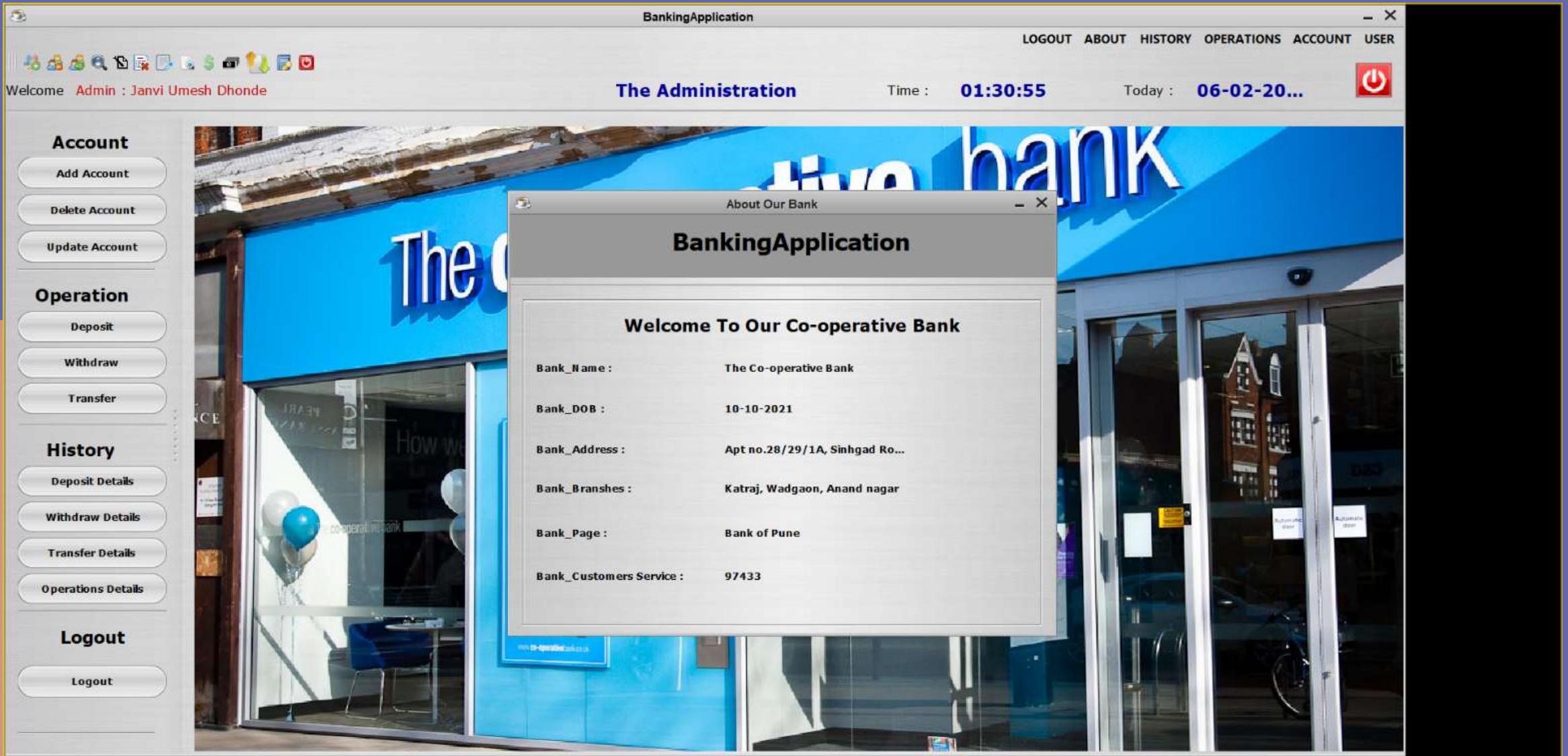
ReiBoot

Type here to search

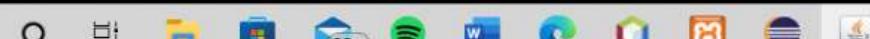


26°C 14:28 ENG 06-02-2022



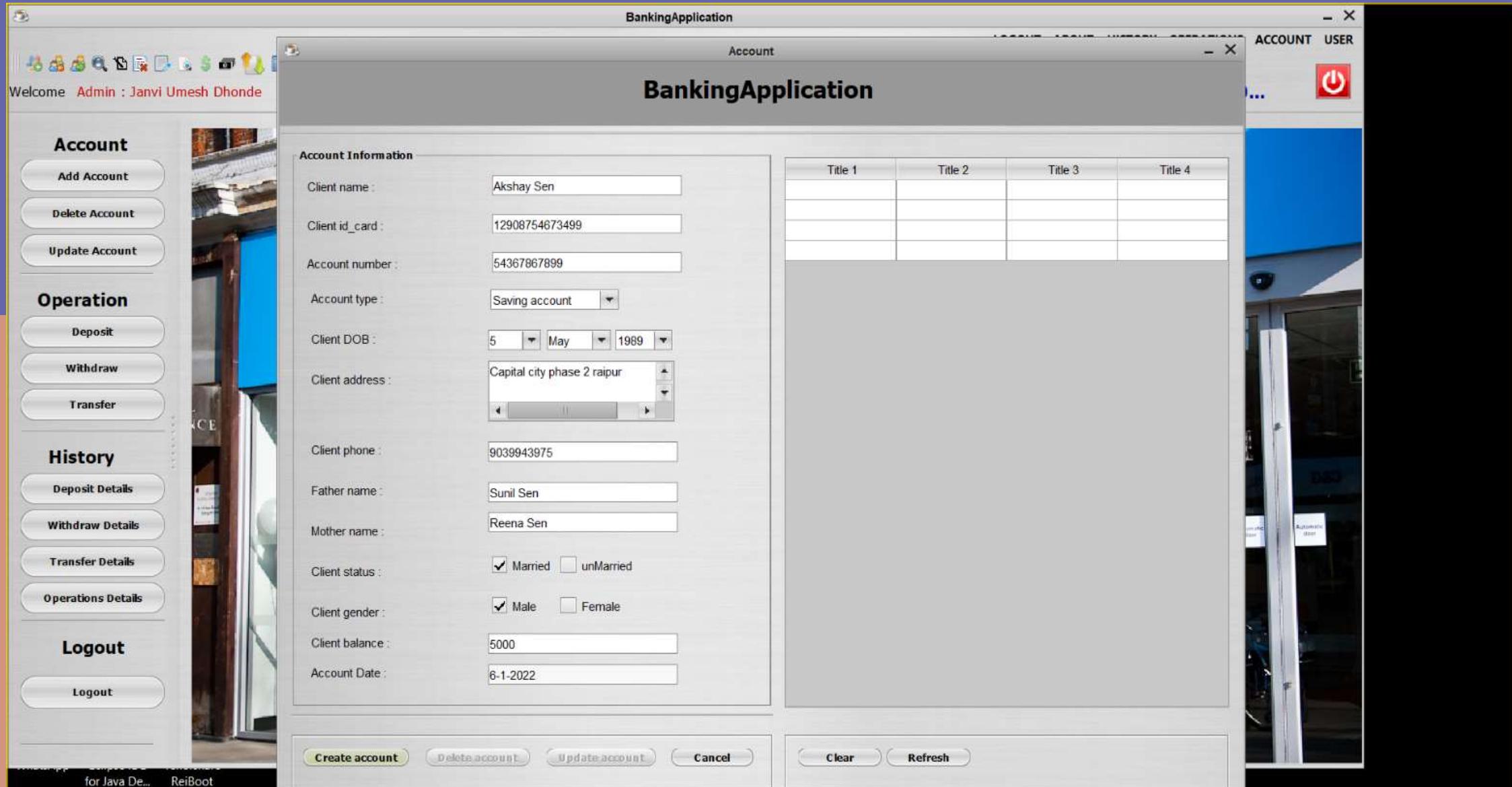


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24°C Haze 13:30 ENG 06-02-2022 25

**ABOUT BANK PAGE**



## ADD CLIENT ACCOUNT

BankingApplication

Welcome Admin : Janvi Umesh Dhone

**Account**

Add Account

Delete Account

Update Account

**Operation**

Deposit

Withdraw

Transfer

**History**

Deposit Details

Withdraw Details

Transfer Details

Operations Details

**Logout**

Logout

for Java De... ReBoot

**BankingApplication**

**Account**

ACCOUNT USER

Client name : Akshay Sen

Client id\_card : 12908754673499

Account number : 54367867899

Account type : Saving account

Client DOB : 5 May 1989

Client address : Capital city phase 2 raipur

Client phone : 9039943975

Father name : Sunil Sen

Mother name : Reena Sen

Client status :  Married  unMarried

Client gender :  Male  Female

Client balance : 5000

Account Date : 6-1-2022

**Create account** **Delete account** **Update account** **Cancel**

**Clear** **Refresh**

**Success Operation**

1 Account has been created successfully

OK

Title 1	Title 2	Title 3	Title 4



Type here to search



24°C Haze



ENG

13:34  
06-02-2022



125

**ACCOUNT CREATED SUCCESSFULLY**



Welcome Admin : Janvi Umesh Dhonde

**Account**[Add Account](#)[Delete Account](#)[Update Account](#)**Operation**[Deposit](#)[Withdraw](#)[Transfer](#)**History**[Deposit Details](#)[Withdraw Details](#)[Transfer Details](#)[Operations Details](#)**Logout**[Logout](#)

for Java De... ReiBoot

**BankingApplication**

Account

**Account Information**

Client name :

Title 1	Title 2	Title 3	Title 4

Client id\_card :

12908754673499

Account number :

54367867899

Account type :

Account Type :

Client DOB :

Day : Month : Year :

Client address :

Select an Option

Are You sure from deleting this Client

[Yes](#)[No](#)[Cancel](#)

Client phone :

Father name :

Mother name :

Client status :

 Married    unMarried

Client gender :

 Male    Female

Client balance :

Account Date :

6-1-2022

[Create account](#)[Delete account](#)[Update account](#)[Cancel](#)[Clear](#)[Refresh](#)

Type here to search



24°C Haze

13:36  
06-02-2022**DELETE CLIENT ACCOUNT**

Welcome Admin : Janvi Umesh Dhone

**Account**[Add Account](#)[Delete Account](#)[Update Account](#)**Operation**[Deposit](#)[Withdraw](#)[Transfer](#)**History**[Deposit Details](#)[Withdraw Details](#)[Transfer Details](#)[Operations Details](#)**Logout**[Logout](#)

for Java De... ReiBoot



Account

**BankingApplication****Account Information**

Client name :

Title 1	Title 2	Title 3	Title 4

Client id\_card :

12908754673499

Account number :

54367867899

Account type :

Account Type

Client DOB :

Day: Month: Year:

Client address :

Success Operation

Account has been deleted successfully

OK

Client phone :

Father name :

Mother name :

Client status :

 Married  unMarried

Client gender :

 Male  Female

Client balance :

Account Date :

6-1-2022

[Create account](#)[Delete account](#)[Update account](#)[Cancel](#)[Clear](#)[Refresh](#)

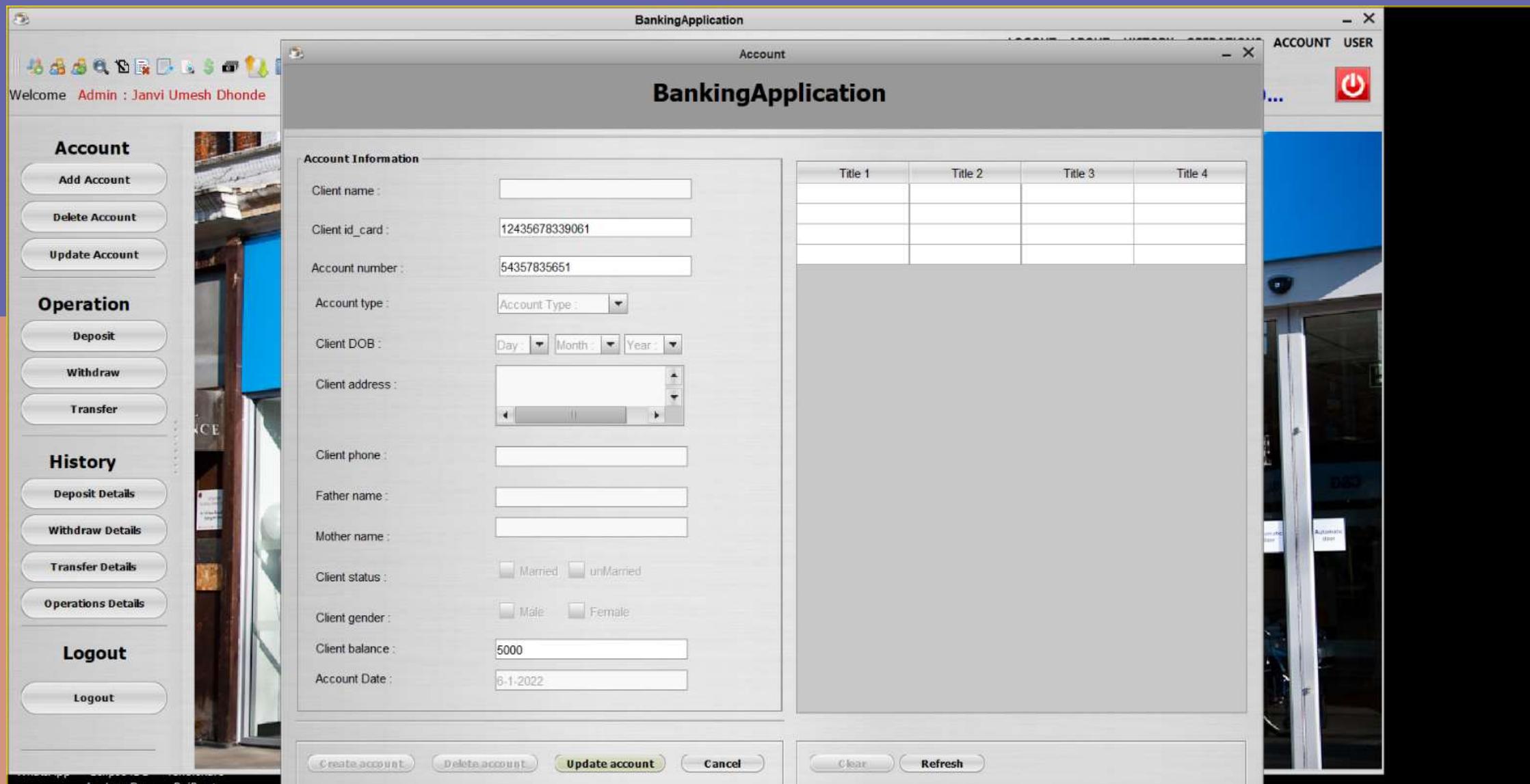
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13:36

24°C Haze

ENG  
06-02-2022  
25**DELETED ACCOUNT SUCCESSFULLY**



## UPDATE CLIENT ACCOUNT



Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 02:06:49

Today : 06-02-20...



## Account

Add Account

Delete Account

Update Account

## Operation

Deposit

Withdraw

Transfer

## History

Deposit Details

Withdraw Details

Transfer Details

Operations Details

## Logout

Logout

Search Account

## BankingApplication

Search User

Client\_Idcard: 12435678339050

Account\_number:

Search Client

ACC_NUM	NAME	IDCARD	ADDRESS	PHONE	GENDER	ACC_DATE
54357835650	Sahil Vyas	12435678339...	Shanti Nagar ...	9039953984	Male	22-11-2021

Search Account

Title 1	Title 2	Title 3	Title 4

for Java De... ReiBoot



Type here to search



25°C Haze



ENG

14:06  
06-02-2022

SEARCH ACCOUNT BY ID CARD

BankingApplication

Welcome Admin : Janvi Umesh Dhone

The Administration Time : 02:07:28 Today : 06-02-20... 

**Account**

- Add Account
- Delete Account
- Update Account

**Operation**

- Deposit
- Withdraw
- Transfer

**History**

- Deposit Details
- Withdraw Details
- Transfer Details
- Operations Details

**Logout**

- Logout

**Search Account**

## BankingApplication

Search User

Client\_Idcard :  Search Client

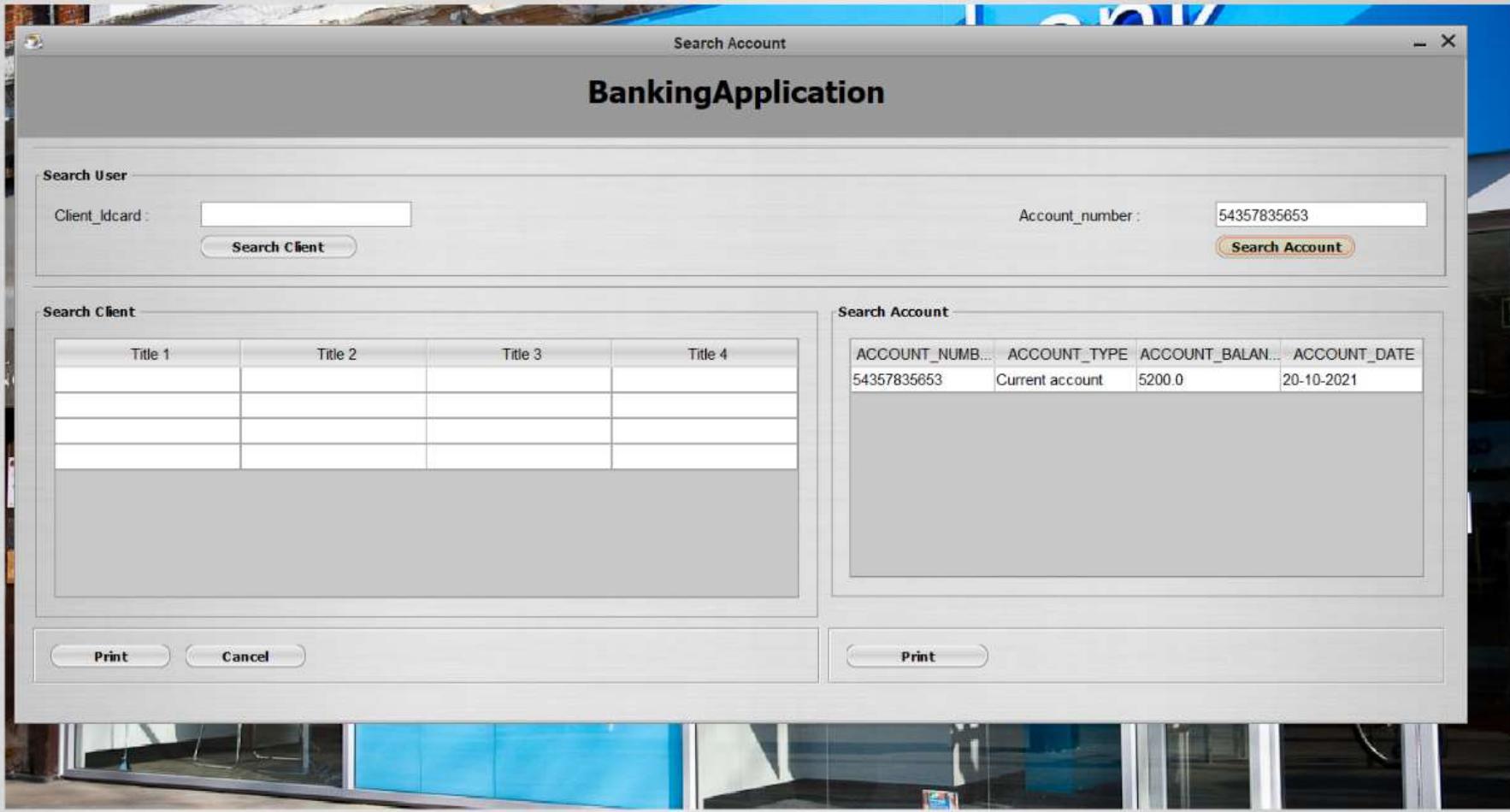
Account\_number : 54357835653 Search Account

Search Client

Title 1	Title 2	Title 3	Title 4

Search Account

ACCOUNT_NUMB...	ACCOUNT_TYPE	ACCOUNT_BALAN...	ACCOUNT_DATE
54357835653	Current account	5200.0	20-10-2021

  
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Type here to search          

14:07 25°C Haze ENG 06-02-2022 

**SEARCH ACCOUNT BY ACCOUNT NUMBER**

BankingApplication

Welcome Admin : Janvi Umesh Dhone

The Administration Time : 02:05:20 Today : 06-02-20...

**Account**

- Add Account
- Delete Account
- Update Account

**Operation**

- Deposit
- Withdraw
- Transfer

**History**

- Deposit Details
- Withdraw Details
- Transfer Details
- Operations Details

**Logout**

- Logout

All Clients:

### BankingApplication

All Users

ACCOUNT_NUM.	NAME	IDCARD	ADDRESS	PHONE	GENDER	DATE
54357835660	Kunal Sharma	12908754673470	Chennai	9822456868	Male	05-11-2021
54367867843	Mohammed ahmed	12908754673467	Hyderabad	011874376233	Male	29-10-2021
54367867849	Neha Singh	12908754673469	Anand nagar Pune	9581142970	Female	22-11-2021
54357835653	Ritvik Chauhan	12435678339056	Delhi	0555895555	Male	20-10-2021
54357835650	Sahil Vyas	12435678339050	Shanti Nagar Raip.	9039953984	Male	22-11-2021
54357835654	Suhana Mishra	12908754673466	Mumbai	9822456129	Female	31-10-2021

**Print** **Cancel**

for Java De... ReBoot

Type here to search 25°C Haze ENG 14:05 06-02-2022

**ALL CLIENTS ACCOUNT**



Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 01:43:29

Today : 06-02-20...



## Account

[Add Account](#)[Delete Account](#)[Update Account](#)

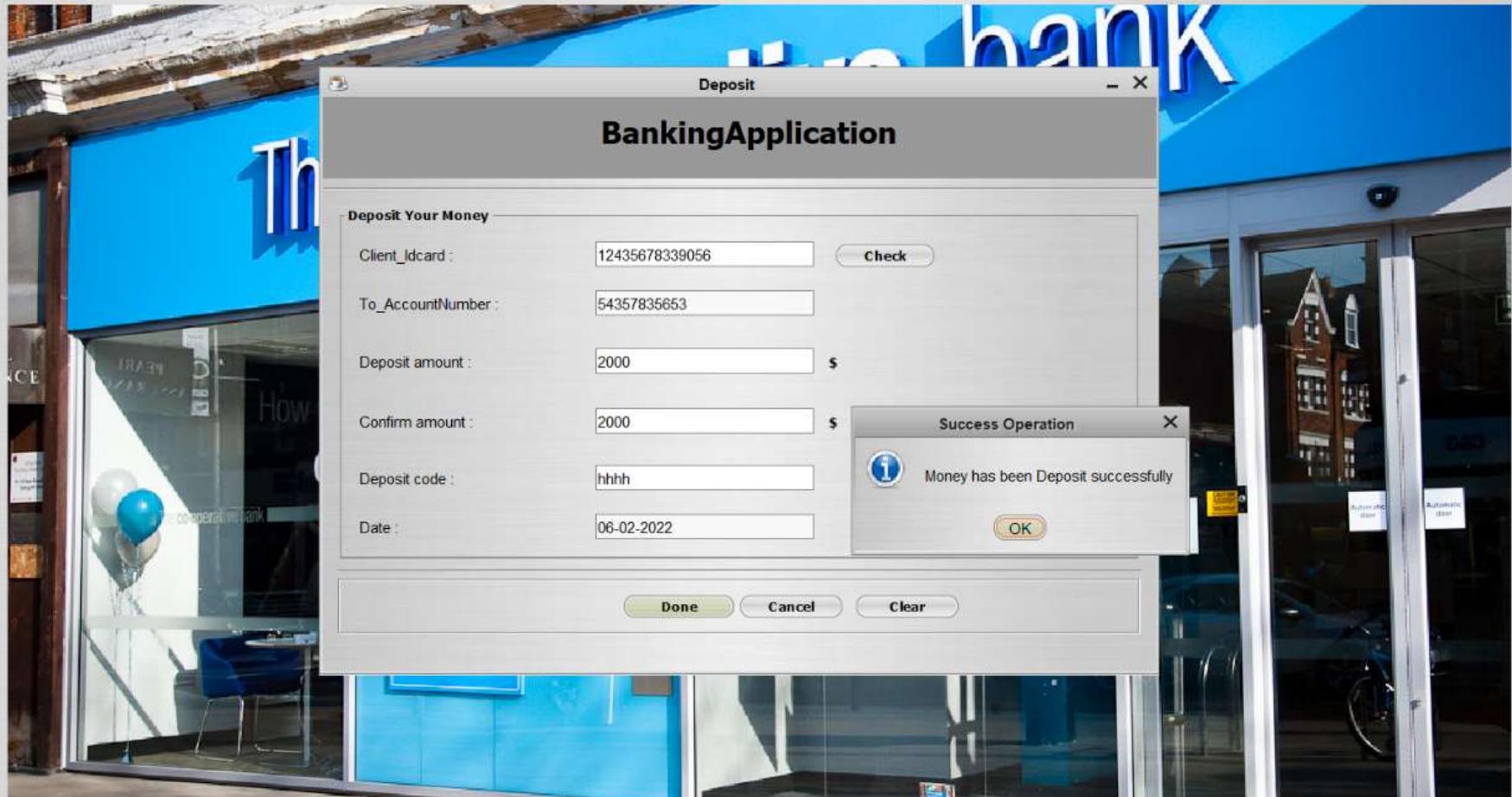
## Operation

[Deposit](#)[Withdraw](#)[Transfer](#)

## History

[Deposit Details](#)[Withdraw Details](#)[Transfer Details](#)[Operations Details](#)

## Logout

[Logout](#)

for Java De... ReiBoot



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24°C Haze

13:43  
ENG  
06-02-2022

DEPOSITED MONEY SUCCESSFULLY



Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 01:45:47

Today : 06-02-20...



## Account

[Add Account](#)[Delete Account](#)[Update Account](#)

## Operation

[Deposit](#)[Withdraw](#)[Transfer](#)

## History

[Deposit Details](#)[Withdraw Details](#)[Transfer Details](#)[Operations Details](#)

## Logout

[Logout](#)

Deposit Details

## BankingApplication

Deposit Details

Date : 22 12 2021

Deposit Table

FROMIDCARD	TOACCOUNTN...	DEPOSITAMO...	CODE	OLDBALANCE	NEWBALANCE	OPERATION	DATE
12435678339056	54357835653	500.0	hhhh	2900.0	3400.0	Deposit	22-12-2021



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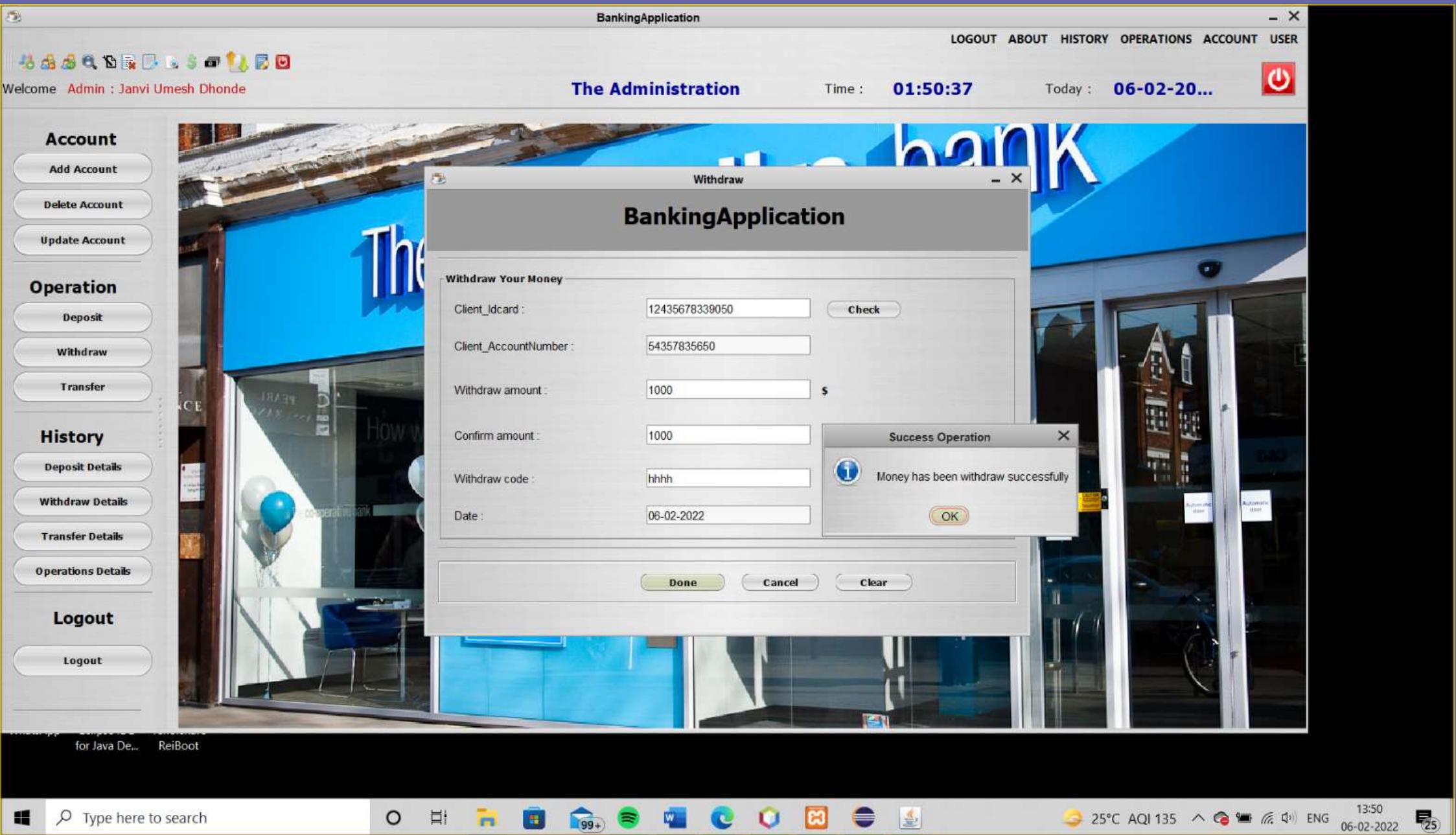


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24°C Haze

13:45 ENG  
06-02-2022



**WITHDRAWED MONEY SUCCESSFULLY**



Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 01:51:16

Today : 06-02-20...



## Account

[Add Account](#)[Delete Account](#)[Update Account](#)

## Operation

[Deposit](#)[Withdraw](#)[Transfer](#)

## History

[Deposit Details](#)[Withdraw Details](#)[Transfer Details](#)[Operations Details](#)

## Logout

[Logout](#)

Withdraw Details

Date : 22 12 2021 [Search](#)

Withdraw Table

CLIENTID	CARD	CLIENTACCO...	WITHDRAWA...	CODE	OLDBALANCE	NEWBALANCE	OPERATION	DATE
1243567833905	54357835653	200.0	9999	3400.0	3200.0	Withdraw	22-12-2021	

[Print](#) [Cancel](#)



for Java De... ReiBoot

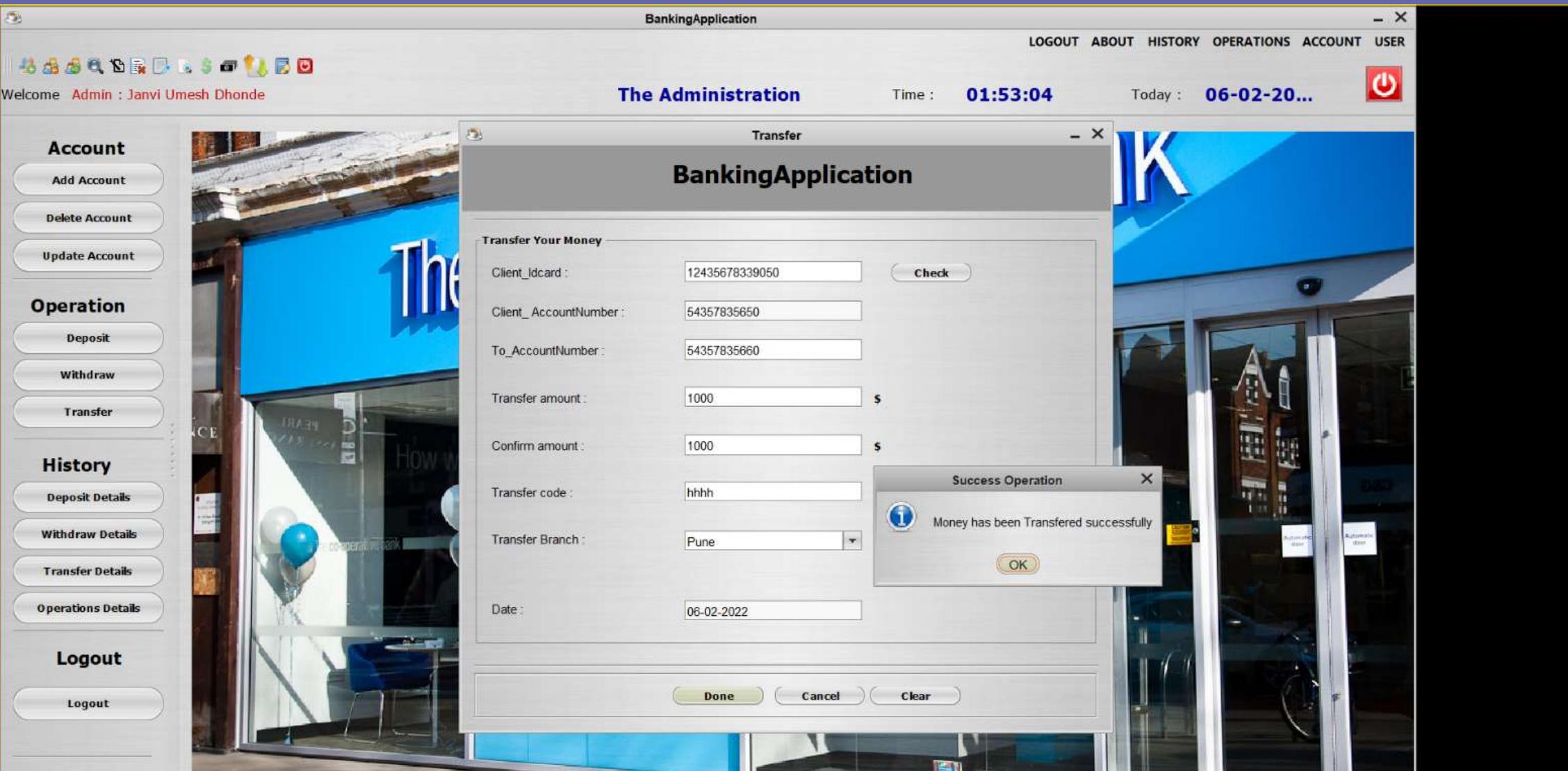


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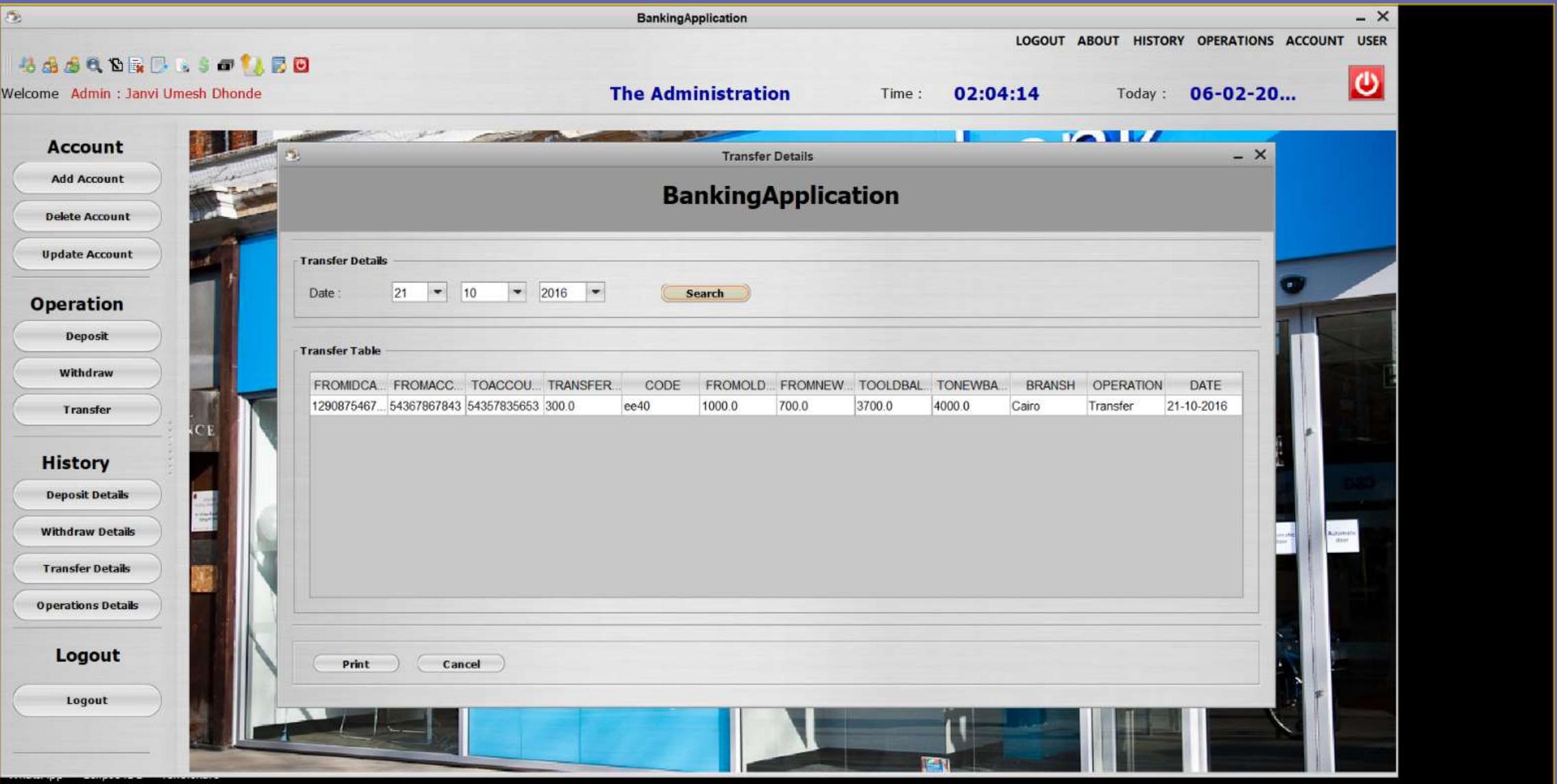
25°C Haze

13:51  
06-02-2022**WITHDRAW DETAILS**



**TRANSFERRED MONEY SUCCESSFULLY**







Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 02:04:50

Today : 06-02-20...



## Account

[Add Account](#)[Delete Account](#)[Update Account](#)

## Operation

[Deposit](#)[Withdraw](#)[Transfer](#)

## History

[Deposit Details](#)[Withdraw Details](#)[Transfer Details](#)[Operations Details](#)

## Logout

[Logout](#)

## Operation Details

## BankingApplication

## Operation Details

Date : 22 12 2021

[Search](#)

FROMIDCARD	FROMACCO	TOACCOUNT	OPERATION	AMOUNT	FROMOLDBA	FROMNEWB	TOOLDBALA	TONEWBALA	BRANCH	CODE	DATE
124356783390	NULL	54357835653	Deposit	500.0	0.0	0.0	2900.0	3400.0	NULL	hhhh	22-12-2021
124356783390	54357835653	NULL	Withdraw	200.0	3400.0	3200.0	0.0	0.0	NULL	gggg	22-12-2021

for Java De... ReiBoot



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14:04

06-02-2022

25



Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 02:10:48

Today : 06-02-20...



## Account

Add Account

Delete Account

Update Account

## Operation

Deposit

Withdraw

Transfer

## History

Deposit Details

Withdraw Details

Transfer Details

Operations Details

## Logout

Logout

## BankingApplication

User

## User Information

User id : User name : User DOB :  2  Jan  1985 User address : User phone : User gender :  Male  FemaleUser type : User salary : 

ID	NAME	PHONE	ADDRESS	TYPE	SALARY
1	Ebrahem	012708377	Sarojini Ma...	Employee	2000.0
2	ahmed ali	5435353	Civic centr...	Employee	2000.0
3	Sara Singh	011478943...	Bhavana...	Employee	4000.0
4	Aarti Shar...	545435345...	Anand Nag...	Employee	5000.0
5	Nishant Ad...	012890742...	Ville Parle...	Employee	3000.0
6	Janvi Ume...	545435345...	Koregaon...	Admin	5000.0
7	Vaibhavi Ni...	9822456129	Shivaji Par...	Admin	7500.0
8	Neha Kap...	9977254387	Katraj Pune...	Employee	2500.0
9	Karan Singh	9102488991	Shanti Sar...	Employee	4000.0

for Java De... ReBoot



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14:10

06-02-2022

25

ADD USER

BankingApplication

Welcome Admin : Janvi Umesh Dhone

The Administration Time : 02:11:04 Today : 06-02-20...

**Account**

- Add Account
- Delete Account
- Update Account

**Operation**

- Deposit
- Withdraw
- Transfer

**History**

- Deposit Details
- Withdraw Details
- Transfer Details
- Operations Details

**Logout**

- Logout

**User**

## BankingApplication

User Information

ID	NAME	PHONE	ADDRESS	TYPE	SALARY
1	Ebrahem ...	012708377...	Sarojini Ma...	Employee	2000.0
2	ahmed ali	5435353	Civic centr...	Employee	2000.0
3	Sara Singh	011478943...	Bhavana ...	Employee	4000.0
4	Aarti Shar...	545435345...	Anand Nag...	Employee	5000.0
5	Nishant Ad...	012890742...	Ville Parle...	Employee	3000.0
6	Janvi Ume...	545435345...	Koregaon ...	Admin	5000.0
7	Vaibhavi Ni...	9822456129	Shivaji Par...	Admin	7500.0
8	Neha Kap...	9977254387	Katraj Pune...	Employee	2500.0
9	Karan Singh	9102486991	Shanti Sar...	Employee	4000.0

Success Operation

User has been added successfully  
User\_id is 20  
Password is 00000000

Add user Delete user All previous user Cancel Clear Refresh

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**USER ADDED SUCCESSFULLY**



Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 02:11:27

Today : 06-02-20...

User  
BankingApplication

## Account

Add Account

Delete Account

Update Account

## Operation

Deposit

Withdraw

Transfer

## History

Deposit Details

Withdraw Details

Transfer Details

Operations Details

## Logout

Logout



## User Information

User id :	<input type="text"/>
User name :	<input type="text"/>
User DOB :	Day: <input type="text"/> Mo: <input type="text"/>
User address :	<input type="text"/>
User phone :	<input type="text"/>
User gender :	<input checked="" type="checkbox"/> Male
User type :	Work as: <input type="text"/>
User salary :	<input type="text"/>

retrieve Your Password

BankingApplication

To retrieve You Password

Select Your Secret Question : What is Your favourite meal ?

Your Answer : rajma chawa

Confirm Cancel

ID	NAME	PHONE	ADDRESS	TYPE	SALARY
1	Ebrahem ...	012708377...	Sarojini Ma...	Employee	2000.0
	Civic centr...		Employee	2000.0	
	Bhavana ...		Employee	4000.0	
	Anand Nag...		Employee	5000.0	
	Ville Parle ...		Employee	3000.0	
	Koregaon ...		Admin	5000.0	
	Shivaji Par...		Admin	7500.0	
	Katraj Pune ...		Employee	2500.0	
	Shanti Sar...		Employee	4000.0	
	Dolphin Pl...		Employee	5000.0	

Add user

Delete user

Update user

Cancel

Clear

Refresh



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Type here to search



25°C Haze



14:11

06-02-2022



RETRIEVE PASSWORD

BankingApplication

Welcome Admin : Janvi Umesh Dhone

The Administration Time : 02:12:42 Today : 06-02-20...

**Account**

- Add Account
- Delete Account
- Update Account

**Operation**

- Deposit
- Withdraw
- Transfer

**History**

- Deposit Details
- Withdraw Details
- Transfer Details
- Operations Details

**Logout**

- Logout

**User**

## BankingApplication

User Information

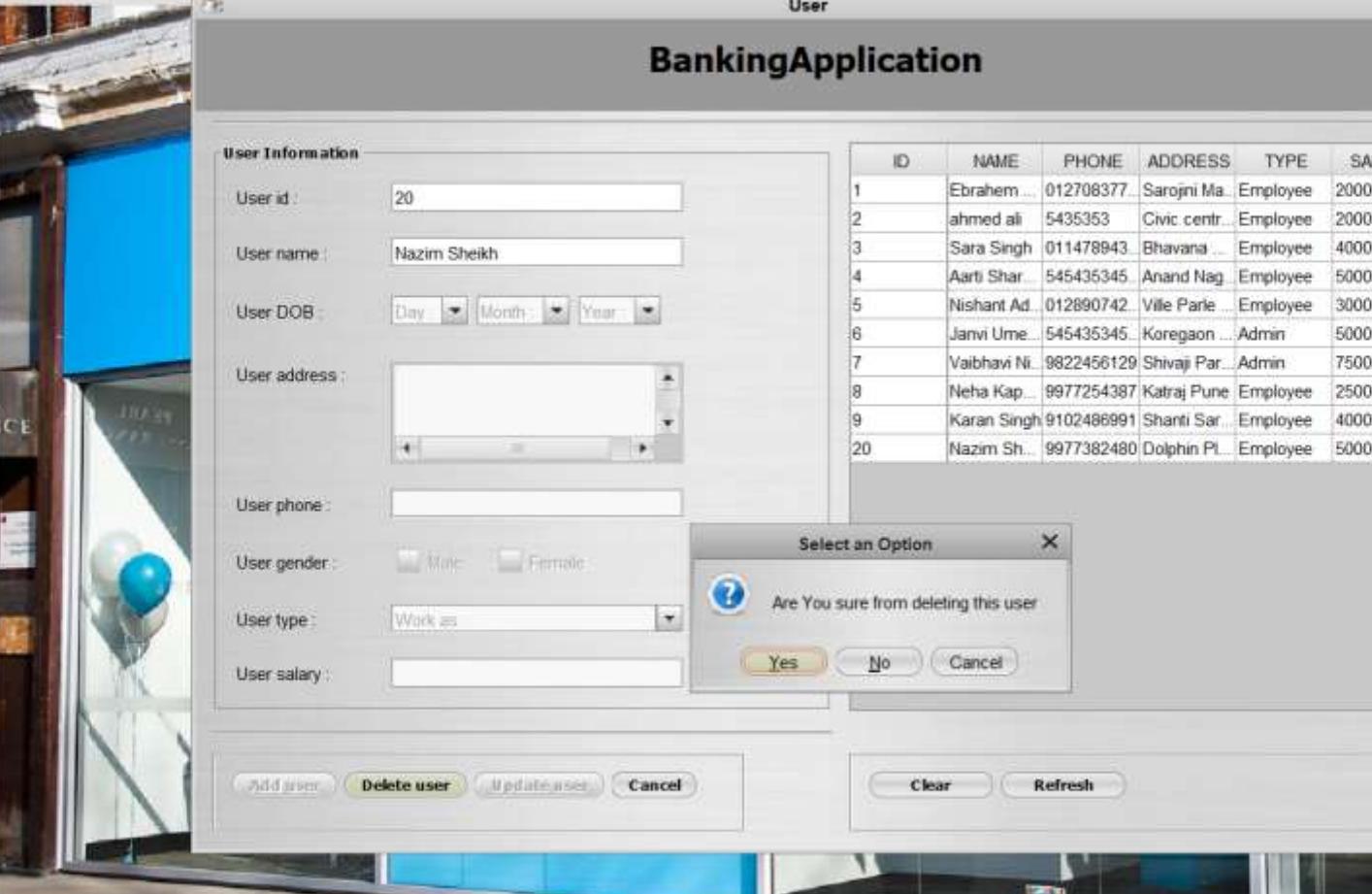
User id :	20
User name :	Nazim Sheikh
User DOB :	Day Month Year
User address :	<input type="text"/>
User phone :	<input type="text"/>
User gender :	<input type="checkbox"/> Male <input type="checkbox"/> Female
User type :	Work as
User salary :	<input type="text"/>

**Select an Option**

Are You sure from deleting this user?

**Buttons:** Yes, No, Cancel

**Buttons:** Add user, Delete user, Update user, Cancel, Clear, Refresh



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DELETE USER

  
Welcome Admin : Janvi Umesh Dhone

## The Administration

Time : 02:12:51

Today : 06-02-20...



## Account

[Add Account](#)[Delete Account](#)[Update Account](#)

## Operation

[Deposit](#)[Withdraw](#)[Transfer](#)

## History

[Deposit Details](#)[Withdraw Details](#)[Transfer Details](#)[Operations Details](#)

## Logout

[Logout](#)

User

## BankingApplication

## User Information

User id : 20

User name : Nazim Sheikh

User DOB : Day Month Year

User address :

User phone :

User gender :  Male  Female

User type : Work as

User salary :

[Add user](#) [Delete user](#) [Edit user details](#) [Cancel](#)

ID	NAME	PHONE	ADDRESS	TYPE	SALARY
1	Ebrahem	012708377	Sarojini Ma...	Employee	2000.0
2	ahmed ali	5435353	Civic centr...	Employee	2000.0
3	Sara Singh	011478943	Bhavana...	Employee	4000.0
4	Aarti Shar...	545435345	Anand Nag...	Employee	5000.0
5	Nishant Ad...	012890742	Ville Parle...	Employee	3000.0
6	Janvi Ume...	545435345	Koregaon...	Admin	5000.0
7	Vaibhavi Ni...	9822456129	Shivaji Par...	Admin	7500.0
8	Neha Kap...	9977254387	Katraj Pune...	Employee	2500.0
9	Karan Singh	91024868991	Shanti Sar...	Employee	4000.0
20	Nazim Sh...	9977382480	Dolphin Pl...	Employee	5000.0

## Success Operation

User has been deleted successfully

OK

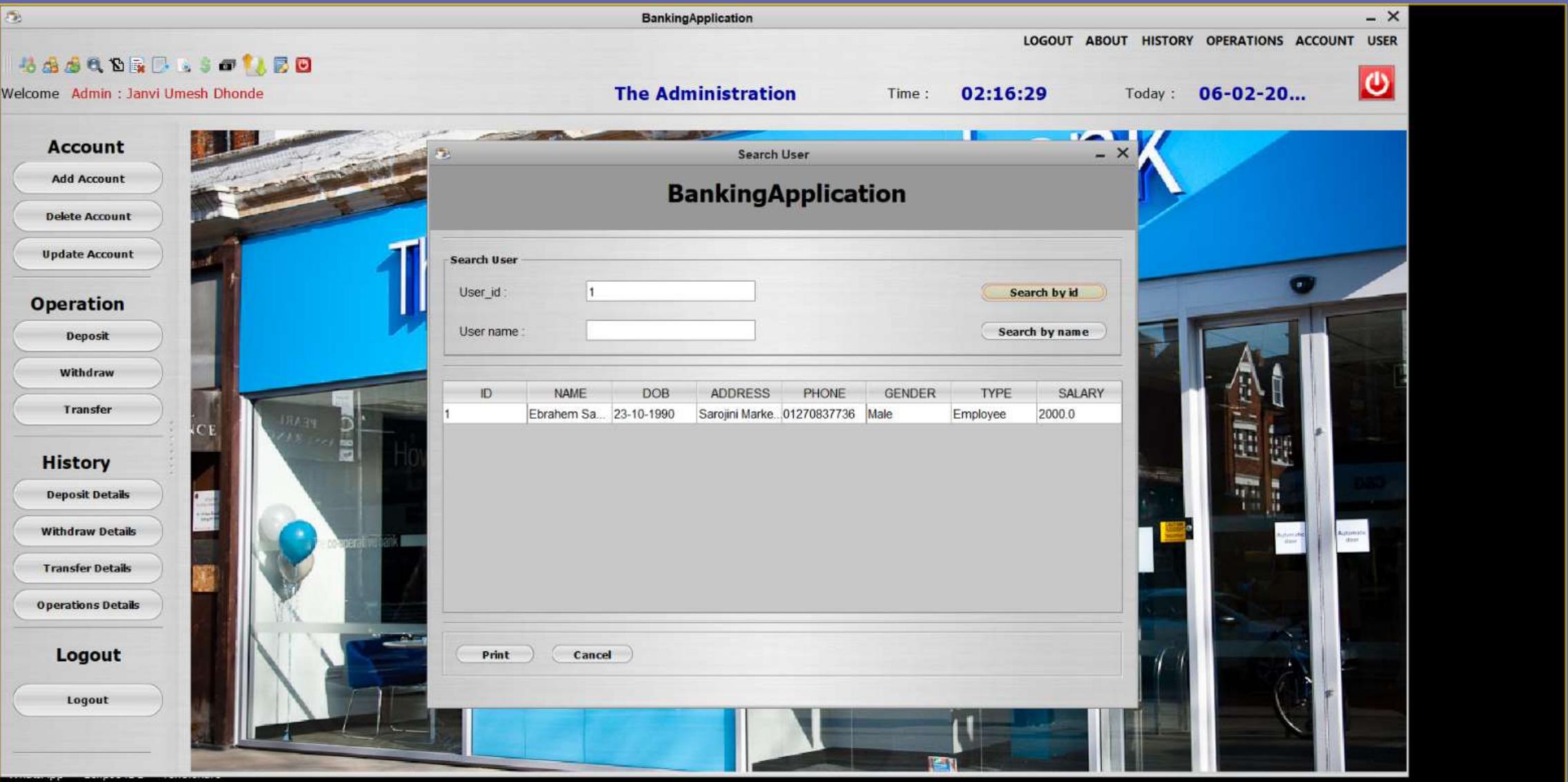
[Clear](#) [Refresh](#)

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Type here to search





**SEARCH USER BY USER ID**



BankingApplication

Welcome Admin : Janvi Umesh Dhone

The Administration Time : 02:16:44 Today : 06-02-20... 

**Account**

- Add Account
- Delete Account
- Update Account

**Operation**

- Deposit
- Withdraw
- Transfer

**History**

- Deposit Details
- Withdraw Details
- Transfer Details
- Operations Details

**Logout**

- Logout

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**Search User**

**BankingApplication**

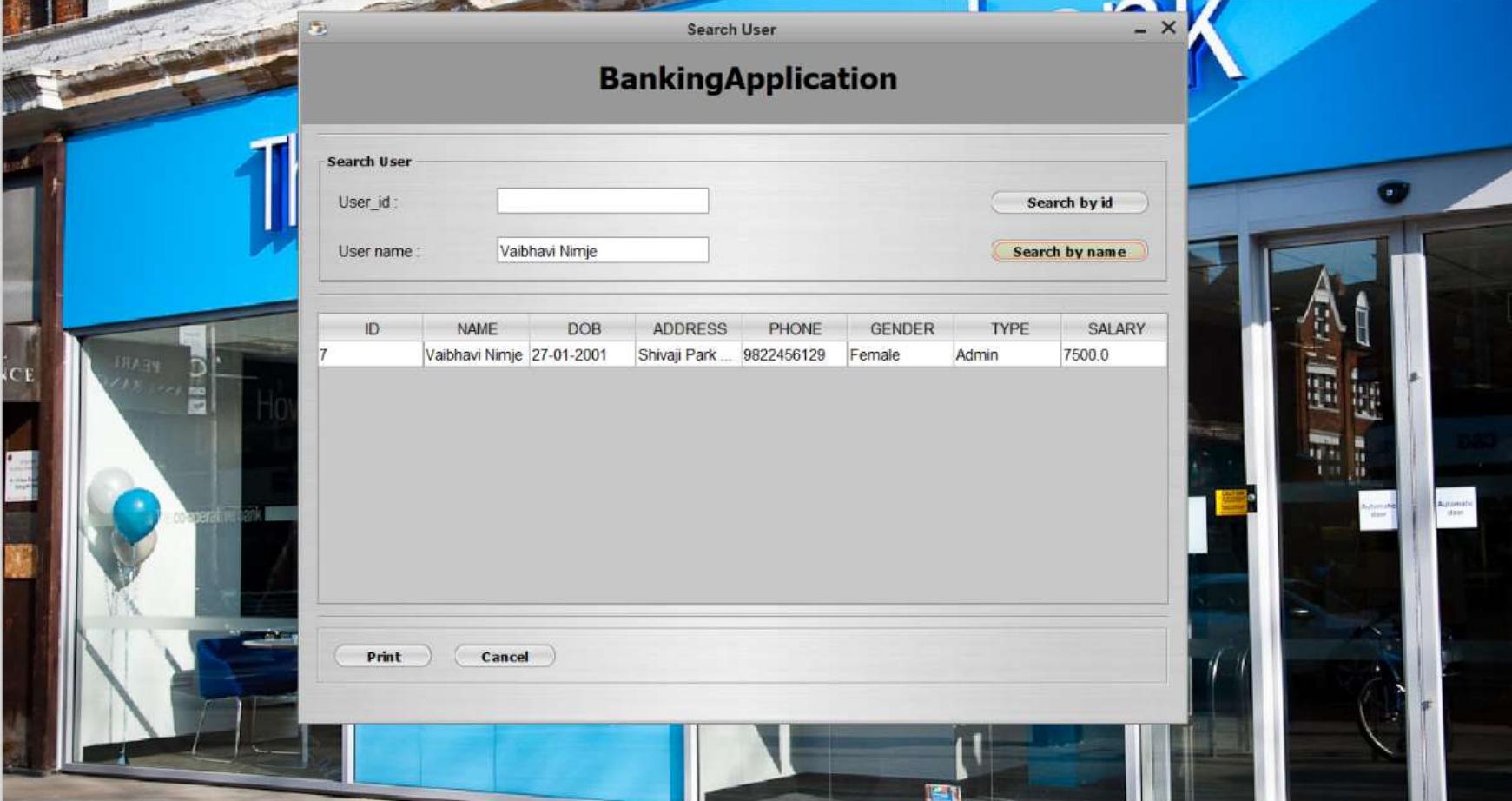
Search User

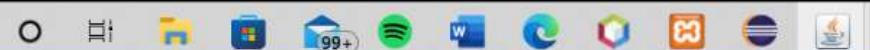
User\_id :  Search by id

User name : Vaibhavi Nimje Search by name

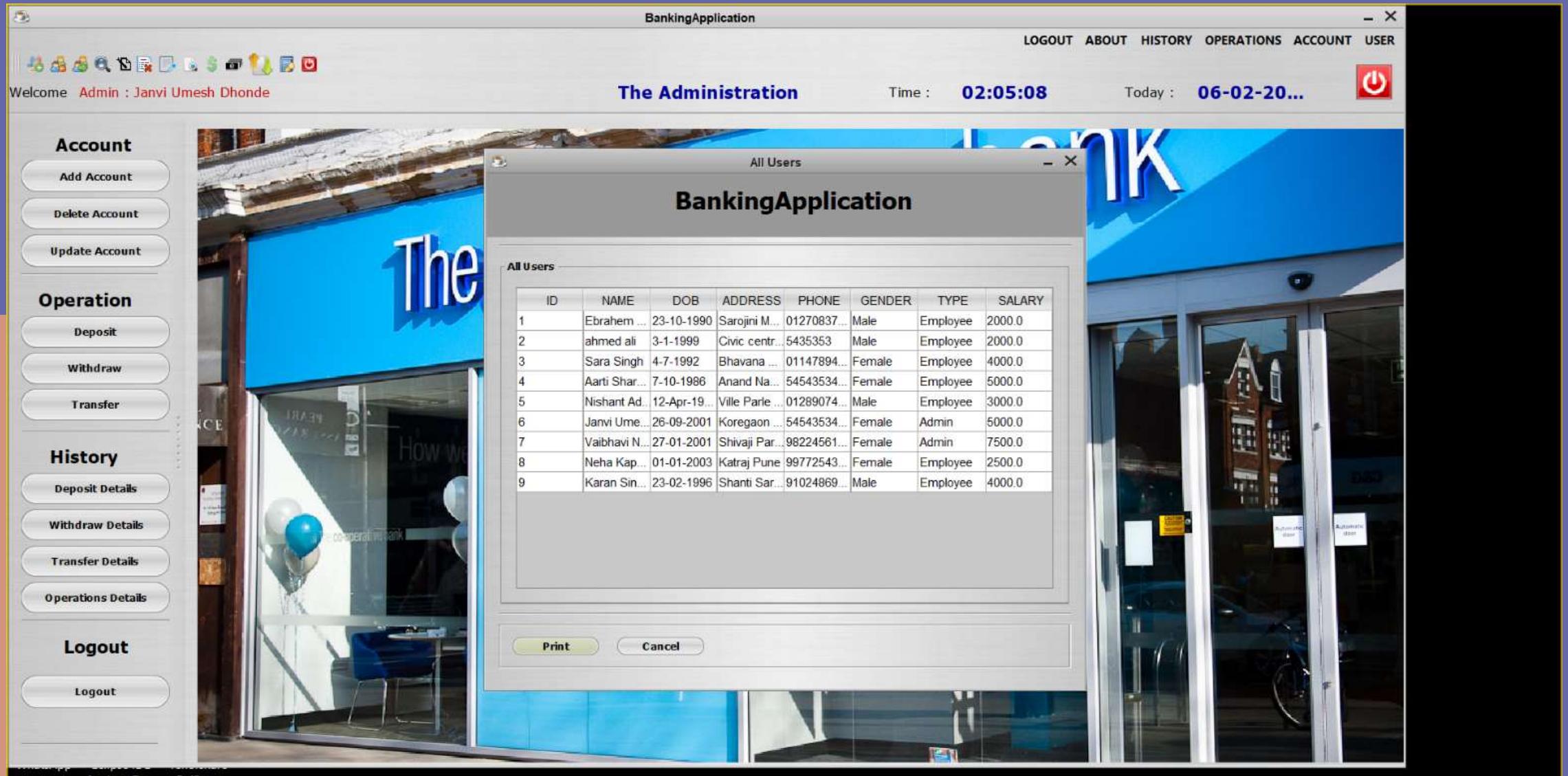
ID	NAME	DOB	ADDRESS	PHONE	GENDER	TYPE	SALARY
7	Vaibhavi Nimje	27-01-2001	Shivaji Park ...	9822456129	Female	Admin	7500.0

**Print** **Cancel**



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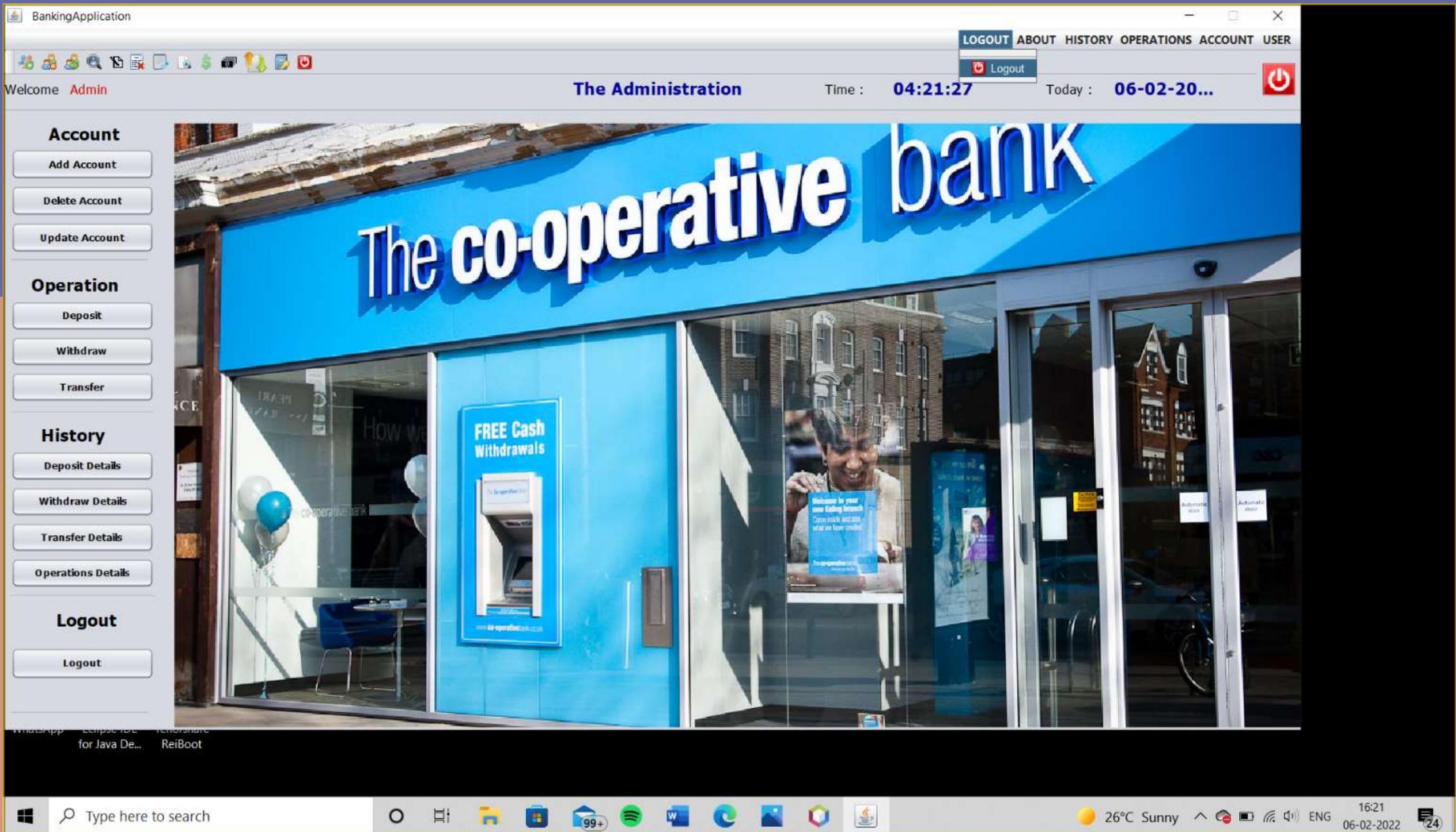
**SEARCH USER BY NAME**



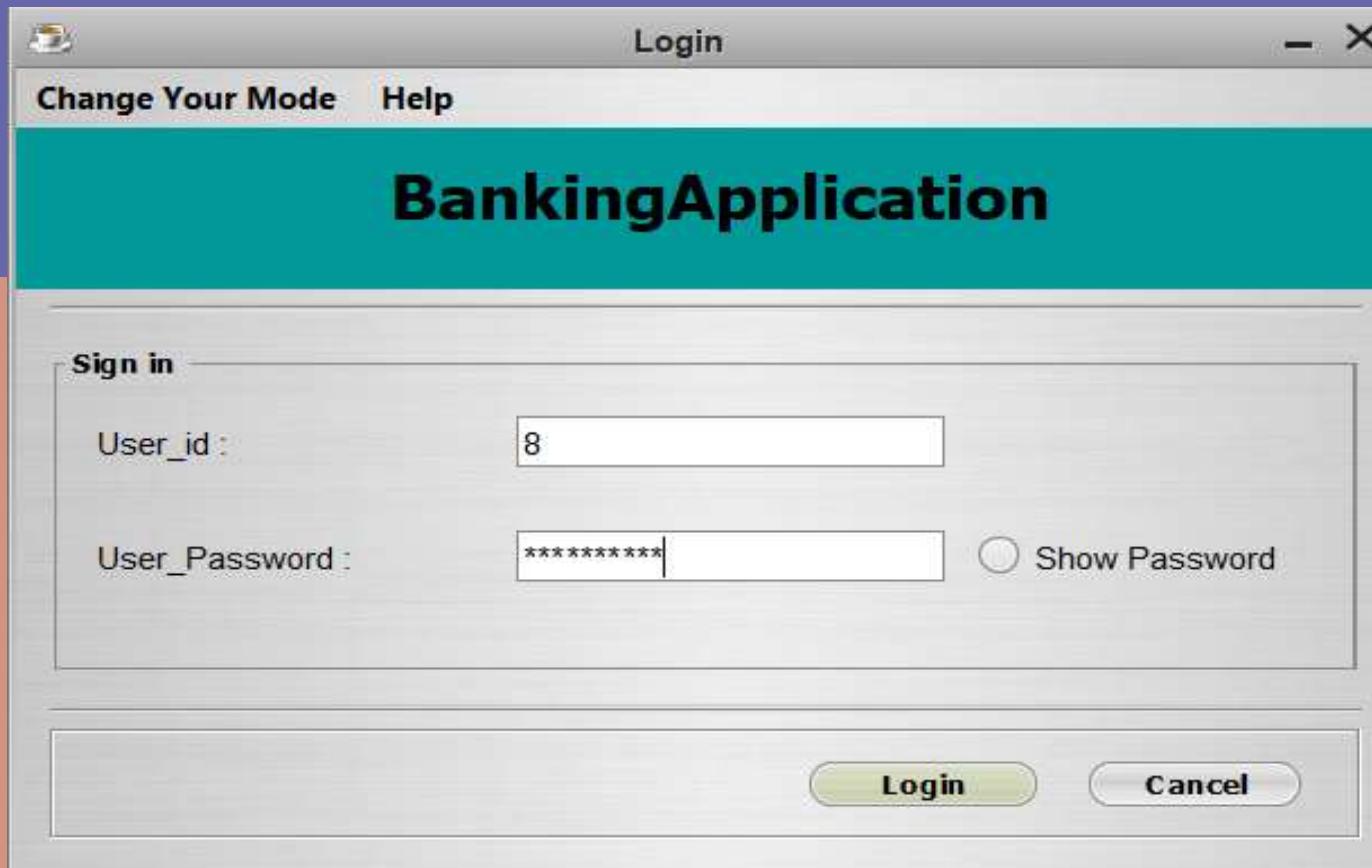
for Java De... ReiBoot



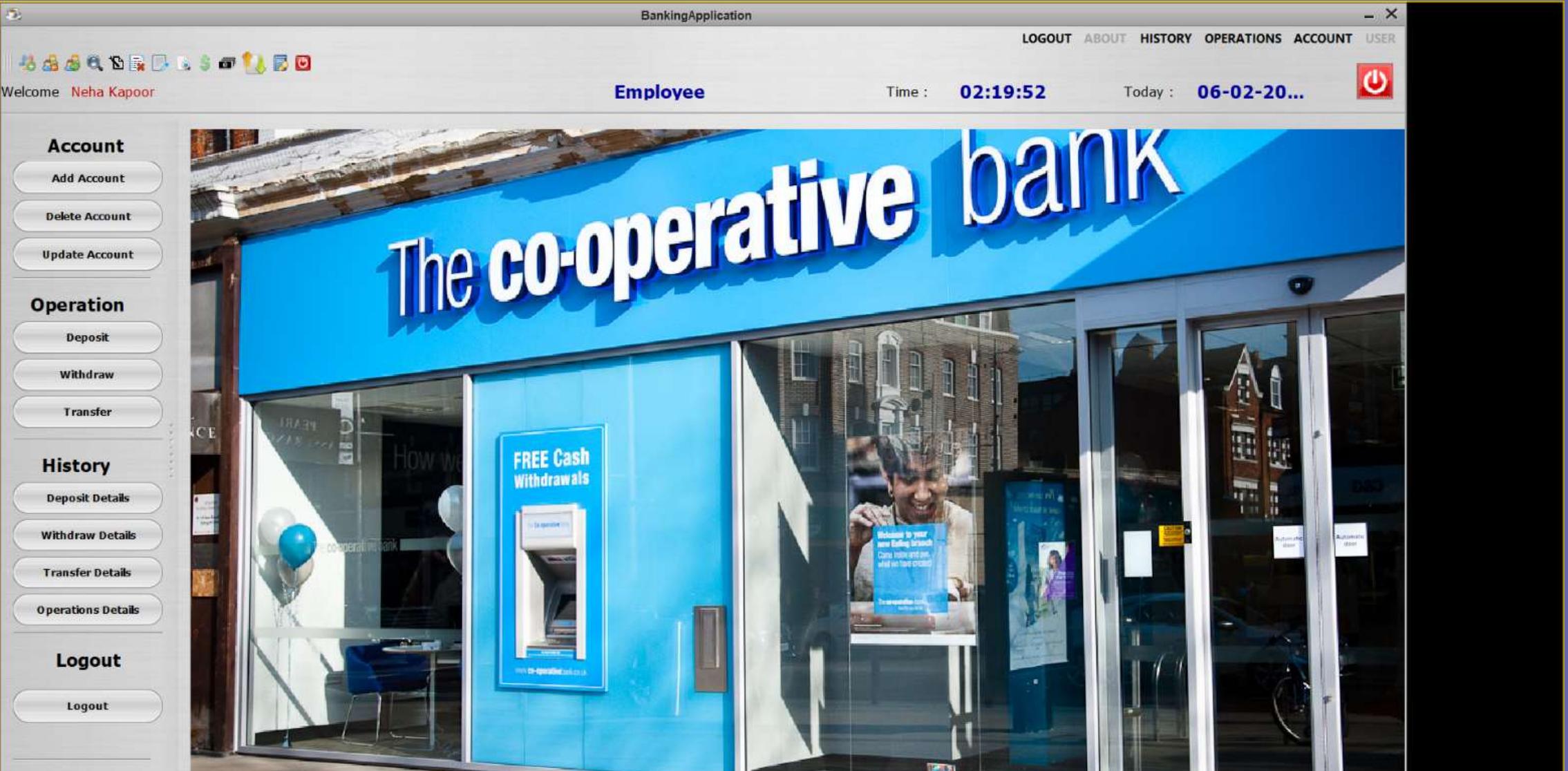
## ALL USERS LIST



**ADMIN LOGOUT**



EMPLOYEE LOGIN



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## REPORT

1. Bank will ask for login with valid admin userid and password then admin home page will get open. And if employee wants to login, he has to enter employee userid and password and then employee home page will get displayed.
2. In admin home page there are option like create account, delete account, update account then we have information about bank, transaction history, information about all users and many operations like deposit, transfer, withdraw money.
3. We can see information about bank in about bank section
4. We have to create client's account with valid information like name, account number, id card number, address, phone number, status, gender, father's name, mother's name and account balance.
5. After creating account, we can update any information and also if we want to delete the account, we can delete it.
6. In the bank client can deposit money and after depositing pop up message comes that says "Money deposited successfully" and we can check the deposit details by entering the date we can see that day's transaction.
7. In the bank client can withdraw money and after withdrawing pop up message comes that says "Money withdrawn successfully" and we can check the withdraw details by entering the date we can see that day's transaction.
8. In the bank client can transfer money and after transferring pop up message comes that says "Money transferred successfully" and we can check the transfer details by entering the date we can see that day's transaction.
9. We can also search details about any client's account by searching it either with account number or with id card number.
10. And after doing all transaction we can logout also just by clicking logout button.

## CONCLUSION & RECOMMENDATION

I have successfully designed, develop and implemented this Bank Management system which provides a more secured approach in managing bank client's information and strengthens the relationships between banks and their client by providing the right solutions. I therefore encourage other developers of similar application to think twice on how best they can improve in developing a more secured system that will meet the challenges we face today especially on the banking sector and other financial institutions.

Our whole documentation shows the work we had done up till now. So, particularly our project is fully complete and we further want to focus on the future to make it a better and more efficient project.

In future, we are thinking to adding more applications and features to make it look better and easier to use. We are thinking of making a formula that will generate cash flow statement, we will focus more on client's banking security, daily transactions; all will be generated after one full year to show the progress of the business annually. Future plan is still being in our thoughts and our concern, we will soon release a version far better than this one and we hope that our work will be appreciated.

## FUTURE ENHANCEMENT

The “Banking Web Application System is a big and ambitious project. I am thankful for being provided this great opportunity to work on it. As already mentioned, this project has gone through extensive research work. On the basis of the research work, we have successfully designed and implemented banking web application System. To know what the future of online banking looks like, it's probably worth looking at the present – web application banking isn't new. When you think of web application banking, you probably think about a computer (either a desktop or laptop), a three or four step security process and then an interface that lets you view the balance of your various bank accounts and credit cards, whilst permitting you to transfer money and pay bills. And you're not wrong either. The most valuable future looks are following below:

- In future there will be more features in web application for taking loans in banking system.
- There will be more option for client account like joint account, business account, trade account, etc.
- Developing a mobile App for banking system that help users to do the obtained his operations without go to the bank only he needs to sign in using his A/C NO. And password and then use your own PIN. Finally, the system will update automatically.
- There will more accurately billing option like mobile recharge, electricity billing, Television recharge, etc in future in web application banking system.

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