

# ILLINOIS INSTITUTE OF TECHNOLOGY

## ENTERPRISE WEB APPLICATIONS

### TEAM-24

PROJECT NAME: **BANKING SYSTEM**

#### TEAM MEMBERS:

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## 1. HOME PAGE:

# Chicago Bank

10 WEST 35TH STREET | CHICAGO, IL | 60616

HOME ABOUT BANK NEWS & DEALS CONTACT CUSTOMER LOGIN



Second Slide  
This is the caption for the second slide.

Welcome To

## Chicago Bank

For All of Your Online Banking Needs!



### TRUST US WITH YOUR MONEY

Choose the checking account that works best for you. See Chicago Bank Premier Plus Checking and other Chicago Bank Coupon offers for new customers. Make purchases with your debit card, and bank from almost anywhere with your phone, tablet or computer and at our 16,000 Chase ATMs and 5,100 branches nationwide.

It's never too early to begin saving. Talk with a banker to see how savings accounts and CDs help you put money aside.

With Chicago Bank Liquid® you'll get the reloadable prepaid card with the security and convenience of Chicago Bank. Load your card with direct deposit and at thousands of Chicago Bank ATMs. You can use your card to make purchases in stores and online.

### COMMITMENT TO SECURITY

Choose the checking account that works best for you. See Chicago Bank Premier Plus Checking and other Chicago Bank Coupon offers for new customers. Make purchases with your debit card, and bank from almost anywhere with your phone, tablet or computer and at our 16,000 Chase ATMs and 5,100 branches nationwide.

It's never too early to begin saving. Talk with a banker to see how savings accounts and CDs help you put money aside.

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## A.) CUSTOMER:

### 2. LOGIN PAGE:



The login page features a header with the bank's name and address, a navigation menu, and a central login form. The form includes fields for Username, Password, and a dropdown for User Type (set to Customer), along with a Login button. A Back to Top link and copyright notice are at the bottom.

# Chicago Bank

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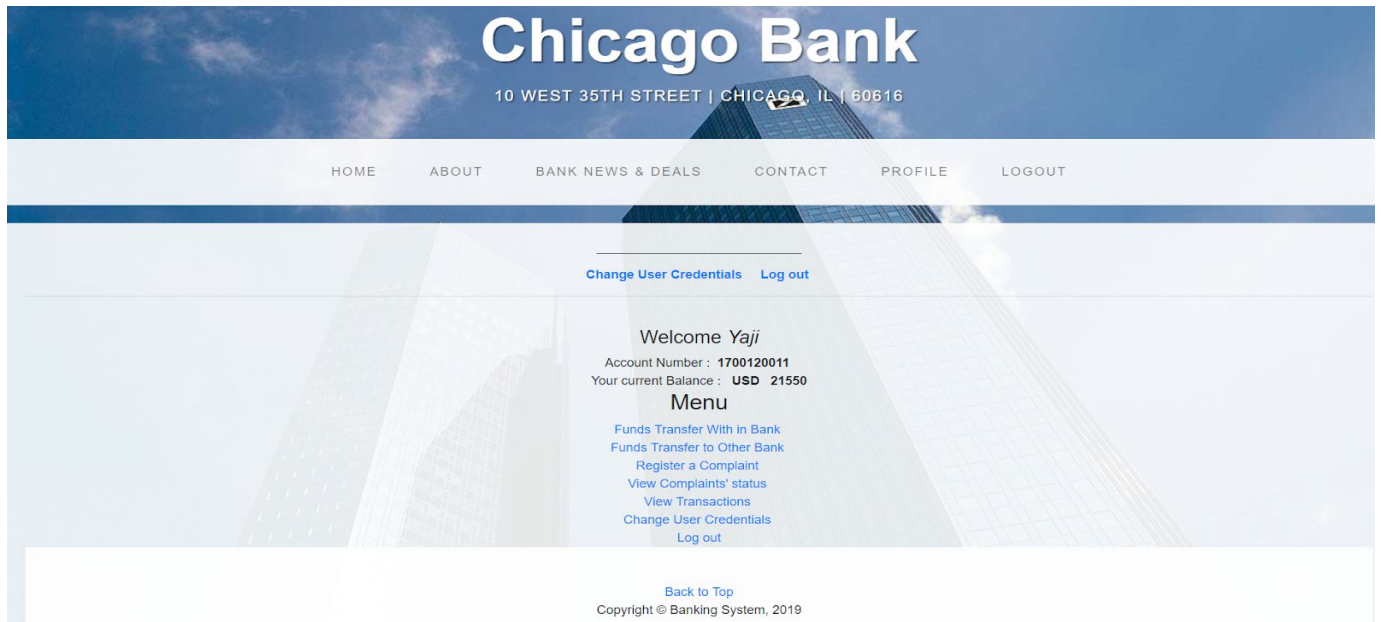
Username

Password

User Type Customer

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### 3. SUCCESSFUL CUSTOMER LOGIN:



The dashboard shows the user's account details and a menu of services. The user is logged in as Yaji.

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[Change User Credentials](#) [Log out](#)

Welcome **Yaji**  
Account Number : **1700120011**  
Your current Balance : **USD 21550**

## Menu

- [Funds Transfer With in Bank](#)
- [Funds Transfer to Other Bank](#)
- [Register a Complaint](#)
- [View Complaints' status](#)
- [View Transactions](#)
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```
mysql> select * from customer;
```

FNAME	LNAME	DOB	USERID	PWORD	ACTNO	GENDER	BALANCE	addressline1	addressline2	city	state	zip
Pallu	Yaji	1994-03-25	admin	test	1700120011	male	1000000000	2901 S king dr	Apt 1418	chicago	Illinois	60616
Adi	Yaji	1994-03-25	Adi	yaji	1700120011	MALE	21550	2901 S king dr	Apt 1418	chicago	Illinois	60616
Megha	Tatti	1995-04-13	megha	tt	1700120033	FEMALE	30639	2901 S king dr	Apt 1418	chicago	Illinois	60616
Rakshith	Amarnath	1995-03-19	Rakshith	megha	1700120043	MALE	199980000	3001 S King Dr	Apt 0217	Chicago	Illinois	60616

4 rows in set (0.00 sec)



#### 4.CUSTOMER FUNDS TRANSFER TO ANOTHER ACCOUNT:

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## TRANSFER FUNDS TO ACCOUNT WITHIN BANK

Recipient Account Number

1700120033

Amount to be Transferred

123

Transfer

clear

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## Funds Transfer to Other Account With in Bank :

Recipient Account number is : 1700120033  
Balance to be transferred is : 123

Funds **USD 123** transferred successfully to the account number **1700120033**  
Transaction Id is : **14**

Available balance in the account is USD **21427**

```
mysql> select * from customer;
```

FNAME	LNAME	DOB	USERID	PWORD	ACTNO	GENDER	BALANCE	addressline1	addressline2	city	state	zip
Pallu	Yaji	1994-03-25	admin	test	1700120011	male	1000000000	2901 S king dr	Apt 1418	chicago	Illinois	60616
Adi	Yaji	1994-03-25	Adi	yaji	1700120011	MALE	21427	2901 S king dr	Apt 1418	chicago	Illinois	60616
Megha	Tatti	1995-04-13	megha	tt	1700120033	FEMALE	30762	2901 S king dr	Apt 1418	chicago	Illinois	60616
Rakshith	Amarnath	1995-03-19	Rakshith	megha	1700120043	MALE	199980000	3001 S King Dr	Apt 0217	Chicago	Illinois	60616

```
rows in set (0.00 sec)
```

## 5. CUSTOMER REGISTERING A COMPLAINT:

The screenshot shows the Chicago Bank website with a background image of a skyscraper. The header includes the bank's name, address, and a navigation menu. A central form titled "COMPLAINT FORM" contains input fields for "Subject" and "Complaint Description", both with the value "abc". Below these fields are "Submit Complaint" and "clear" buttons.

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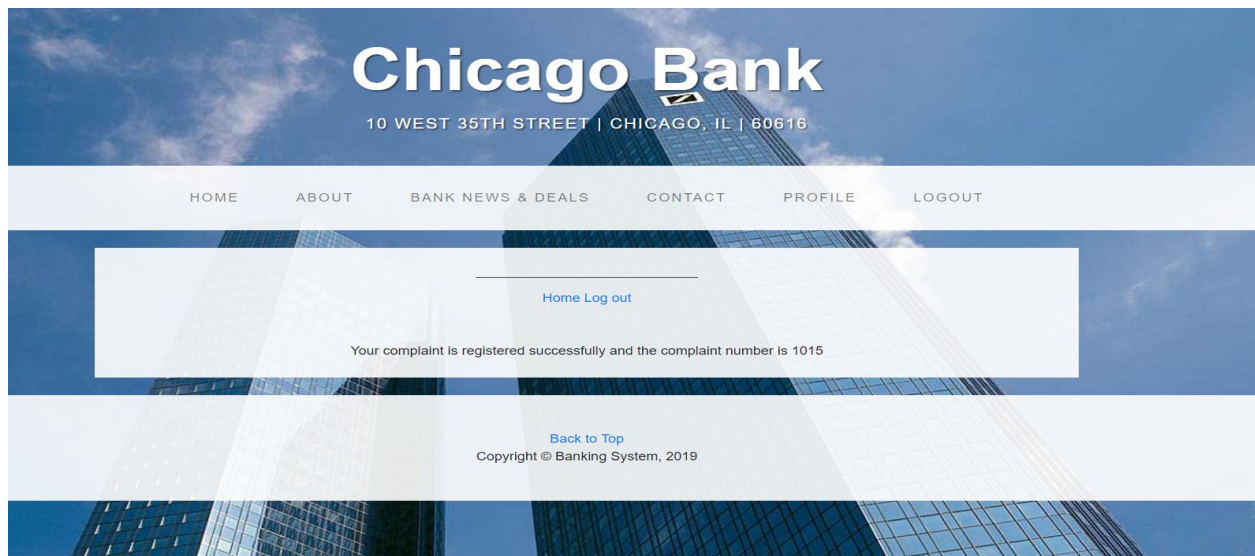
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COMPLAINT FORM

Subject  
abc

Complaint Description  
abc

Submit Complaint clear



Usage of MongoDB to store complaints:

```
{
  "_id" : ObjectId("5c0363dcf8b01c6c985e6e32"),
  "title" : "storeComplaint",
  "complaint_no" : "1015",
  "actno" : "21427",
  "compalaint_date" : "12/01/2018",
  "subject" : "abc",
  "description" : "abc",
  "status" : "OPEN",
  "closed" : "false"
}
```



## 6. CUSTOMER VIEW COMPLAINT STATUS:

The screenshot displays the Chicago Bank website with a blue header and a navigation bar. The main content area shows a table of complaint details. The table has columns for complaint\_no, actno, complaint\_date, subject, description, status, closed, and complaintid. The data rows show three complaints with IDs 1013, 1014, and 1015.

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Details of Complaint :

complaint_no	actno	complaint_date	subject	description	status	closed	complaintid
1013	21427	2018-12-01	adi urvi megha	adi urvi megha	Open	False	7
1014	21427	2018-12-01	adi urvi megha	adi urvi megha	Open	False	8
1015	21427	2018-12-01	abc	abc	Open	False	9

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## 7. CUSTOMER VIEW TRANSACTIONS (Search Implementation):

The screenshot displays the Chicago Bank website with a blue header and a navigation bar. The main content area shows a search form for transactions. The form has a label 'Recipient Account Number' and a text input field containing '1700120011'. There are 'View' and 'Clear' buttons below the input field.

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ALL CUSTOMER TRANSCATION

Recipient Account Number

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ALL CUSTOMER TRANSCATION

Recipient Account Number

ViewClear

Details of Transactions :

transid	fromactno	toactno	transdate	transdesc	transstatus	remark	amount	amountaction
1	1700120011	1700120033	2018-12-01 16:30:18.0	Funds Transfer With in the Bank	pass	Funds transferred successfully	24	debit
2	1700120033	1700120011	2018-12-01 16:30:18.0	Funds Transfer With in the Bank	pass	Funds transferred successfully	24	credit
3	1700120011	1700120033	2018-12-01 16:30:57.0	Funds Transfer With in the Bank	pass	Funds transferred successfully	50	debit
4	1700120033	1700120011	2018-12-01 16:30:57.0	Funds Transfer With in the Bank	pass	Funds transferred successfully	50	credit
5	1700120011	51242356121	2018-12-01 16:31:53.0	Funds Transfer to other Bank	progressing	Funds transfer in progress	10	debit
7	1700120043	1700120011	2018-12-01 16:33:05.0	Funds Transfer With in the Bank	pass	Funds transferred successfully	5000	debit
8	1700120011	1700120043	2018-12-01 16:33:05.0	Funds Transfer With in the Bank	pass	Funds transferred successfully	5000	credit
9	1700120011	1700120011	2018-12-01 16:36:31.0	Add Customer Transcation	pass	okay	16000	credit
14	1700120011	1700120033	2018-12-01 21:46:58.0	Funds Transfer With in the Bank	pass	Funds transferred successfully	123	debit
15	1700120033	1700120011	2018-12-01 21:46:58.0	Funds Transfer With in the Bank	pass	Funds transferred successfully	123	credit

## 8. CUSTOMER CHANGE USER CREDENTIALS:

Before credentials change:

```
mysql> select * from customer;
```

FNNAME	LNAME	DOB	USERID	PWORD	ACTNO	GENDER	BALANCE	addressline1	addressline2	city	state	zip
Pallu	Yaji	1994-03-25	admin	test	1700120011	male	1000000000	2901 S king dr	Apt 1418	chicago	Illinois	60616
Adi	Yaji	1994-03-25	Adi	yaji	1700120011	MALE	21427	2901 S king dr	Apt 1418	chicago	Illinois	60616
Megha	Tatti	1995-04-13	megha	tl	1700120033	FEMALE	30762	2901 S king dr	Apt 1418	chicago	Illinois	60616
Rakshith	Amarnath	1995-03-19	Rakshith	megha	1700120043	MALE	199980000	3001 S King Dr	Apt 0217	Chicago	Illinois	60616

4 rows in set (0.00 sec)

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CHANGE CREDENTIALS

\* You can update Password \*

Enter new Password:

....

Retype password:

....

Update

Clear

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Home Log out

Your password updated successfully



After credentials change:

```
mysql> select * from customer;
```

FNAME	LNAME	DOB	USERID	PWORD	ACTNO	GENDER	BALANCE	addressline1	addressline2	city	state	zip
Pallu	Yaji	1994-03-25	admin	test	1700120011	male	1000000000	2901 S king dr	Apt 1418	chicago	Illinois	60616
Adi	Yaji	1994-03-25	Adi	adi	1700120011	MALE	21427	2901 S king dr	Apt 1418	chicago	Illinois	60616
Megha	Tatti	1995-04-13	megha	tt	1700120033	FEMALE	30762	2901 S king dr	Apt 1418	chicago	Illinois	60616
Rakshith	Amarnath	1995-03-19	Rakshith	megha	1700120043	MALE	199980000	3001 S King Dr	Apt 0217	Chicago	Illinois	60616

4 rows in set (0.00 sec)

Logout button operates successfully.

## B.) BANKER:

### 1.) Create Customer:

## Chicago Bank

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Customer First Name

abc

Customer Last Name

abc

Customer Date of Birth

10-12-2018

Gender / Male / Female / Other

Address Line 1

No.37, 2nd cross., Arsikere

Address Line 2

SBM

City

Hassan

State

Karnataka

Zip

560020

Account number

12345678

Balance

1000

User ID

abc

Password

1234

Add

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```
mysql> select * from customer;
```

FNAME	LNAME	DOB	USERID	PWORD	ACTNO	GENDER	BALANCE	addressline1	addressline2	city	state	zip
Pallu	Yaji	1994-03-25	admin	test	1700120011	male	1000000000	2901 S king dr	Apt 1418	chicago	Illinois	60616
abc	abc	2018-12-19	abc	abc	123456778	NULL	1000	No.37, 2nd cross., Arsikere road, SBM colony	SBM	Hassan	Karnataka	560020
Adi	Yaji	1994-03-25	Adi	adi	1700120011	MALE	21427	2901 S king dr	Apt 1418	chicago	Illinois	60616
Megha	Tatti	1995-04-13	megha	tt	1700120033	FEMALE	30762	2901 S king dr	Apt 1418	chicago	Illinois	60616
Rakshith	Amarnath	1995-03-19	Rakshith	megha	1700120043	MALE	199980000	3001 S King Dr	Apt 0217	Chicago	Illinois	60616

5 rows in set (0.00 sec)

### 2.) UPDATE CUSTOMER:

## Chicago Bank

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UPDATE CUSTOMER DETAILS

Account Number

123456778

See

Clear

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Customer First Name

Customer Last Name

Customer Date of Birth

User ID

Password

Account number

Gender ☒ Male ☐ Female ☐ Other

Balance

Address Line 1

Address Line 2

City

State

Zip

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Updated values:

```
mysql> select * from customer;
```

FNAME	LNAME	DOB	USERID	PHWORD	ACTNO	GENDER	BALANCE	addressline1	addressline2	city	state	zip
Pally	Yoji	1994-03-25	admin	test	1700120011	male	1000000000	2901 S king dr	Apt 1418	chicago	Illinois	60616
ADI	abc	2018-12-19	abc	1234	123456778	NULL	1000	No.37, 2nd cross,, Arsikere road, SBM colony	SBM	Hassan	Karnataka	560020
Adi	Yaji	1994-03-25	Adi	adi	1700120011	MALE	21427	2901 S king dr	Apt 1418	chicago	Illinois	60616
Megha	Tatti	1995-04-13	megha	tt	1700120033	FEMALE	30762	2901 S king dr	Apt 1418	chicago	Illinois	60616
Rakshith	Amarnath	1995-03-19	Rakshith	megha	1700120043	MALE	199900000	3001 S King Dr	Apt 0217	Chicago	Illinois	60616

5 rows in set (0.00 sec)

3.) DELETE CUSTOMER:

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## DELETE CUSTOMER DETAILS

Recipient Account Number

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No value for account no=**123456778**:

```
mysql> select * from customer;
```

FNAME	LNAME	DOB	USERID	PWORD	ACTNO	GENDER	BALANCE	addressline1	addressline2	city	state	zip
Pallu	Yaji	1994-03-25	admin	test	1700120011	male	1000000000	2901 S king dr	Apt 1418	chicago	Illinois	60616
Adi	Yaji	1994-03-25	Adi	adi	1700120011	MALE	21427	2901 S king dr	Apt 1418	chicago	Illinois	60616
Megha	Tatti	1995-04-13	megha	tt	1700120033	FEMALE	30762	2901 S king dr	Apt 1418	chicago	Illinois	60616
Rakshith	Amarnath	1995-03-19	Rakshith	megha	1700120043	MALE	199980000	3001 S King Dr	Apt 0217	Chicago	Illinois	60616

4 rows in set (0.00 sec)

#### 4.) Add Customer Transactions :

FNAME	LNAME	DOB	USERID	PWORD	ACTNO	GENDER	BALANCE	addressline1	addressline2	city	state	zip
Pallu	Yaji	1994-03-25	admin	test	1700120011	male	1000000000	2901 S king dr	Apt 1418	chicago	Illinois	60616
Adi	Yaji	1994-03-25	Adi	yaji1	1700120011	MALE	21150	2901 S king dr	Apt 1418	chicago	Illinois	60616
Megha	Tatti	1995-04-13	megha	tt	1700120033	FEMALE	30889	2901 S king dr	Apt 1418	chicago	Illinois	60616
Rakshith	Amarnath	1995-03-19	Rakshith	megha	1700120043	MALE	199980000	3001 S King Dr	Apt 0217	Chicago	Illinois	60616

4 rows in set (0.00 sec)

mysql>

### ADD CUSTOMER TRANSACTION

Recipient Account Number

Amount to be processed

Option ☐ Debit ☐ Credit

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localhost/BankingSystem1/addtransactions

place you MySQL 5.7 Command Line Client - Unicode

```
transferred successfully | 100 | debit | 2018-12-01 22:50:09 | Funds Transfer With in the Bank | pass | Funds
17 | 1700120033 | 1700120011 | 2018-12-01 22:50:09 | Funds Transfer With in the Bank | pass | Funds
transferred successfully | 100 | credit | 2018-12-01 22:51:31 | Funds Transfer to other Bank | pass | transa
18 | 1700120011 | 15402152342 | 2018-12-01 22:51:31 | Funds Transfer to other Bank | pass | transa
ction is Approved by banker | 150 | debit | 2018-12-01 23:17:09 | Add Customer Transcation | pass | okay
19 | 1700120033 | 1700120033 | 2018-12-01 23:17:09 | Add Customer Transcation | pass | okay
| 150 | debit | 2018-12-01 23:17:37 | Add Customer Transcation | pass | okay
20 | 1700120033 | 1700120033 | 2018-12-01 23:17:37 | Add Customer Transcation | pass | okay
| 150 | credit | 2018-12-01 23:29:30 | Funds Transfer to other Bank | fail | transa
21 | 1700120011 | 14521242252 | 2018-12-01 23:29:30 | Funds Transfer to other Bank | fail | transa
ction is DisApproved by banker | 1500 | debit | 2018-12-01 23:43:46 | Add Customer Transcation | pass | okay
22 | 1700120033 | 1700120033 | 2018-12-01 23:43:46 | Add Customer Transcation | pass | okay
| 150 | debit | 2018-12-01 23:43:46 | Add Customer Transcation | pass | okay
```

22 rows in set (0.00 sec)

mysql>



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## ADD CUSTOMER TRANSCATION

Recipient Account Number

Amount to be processed

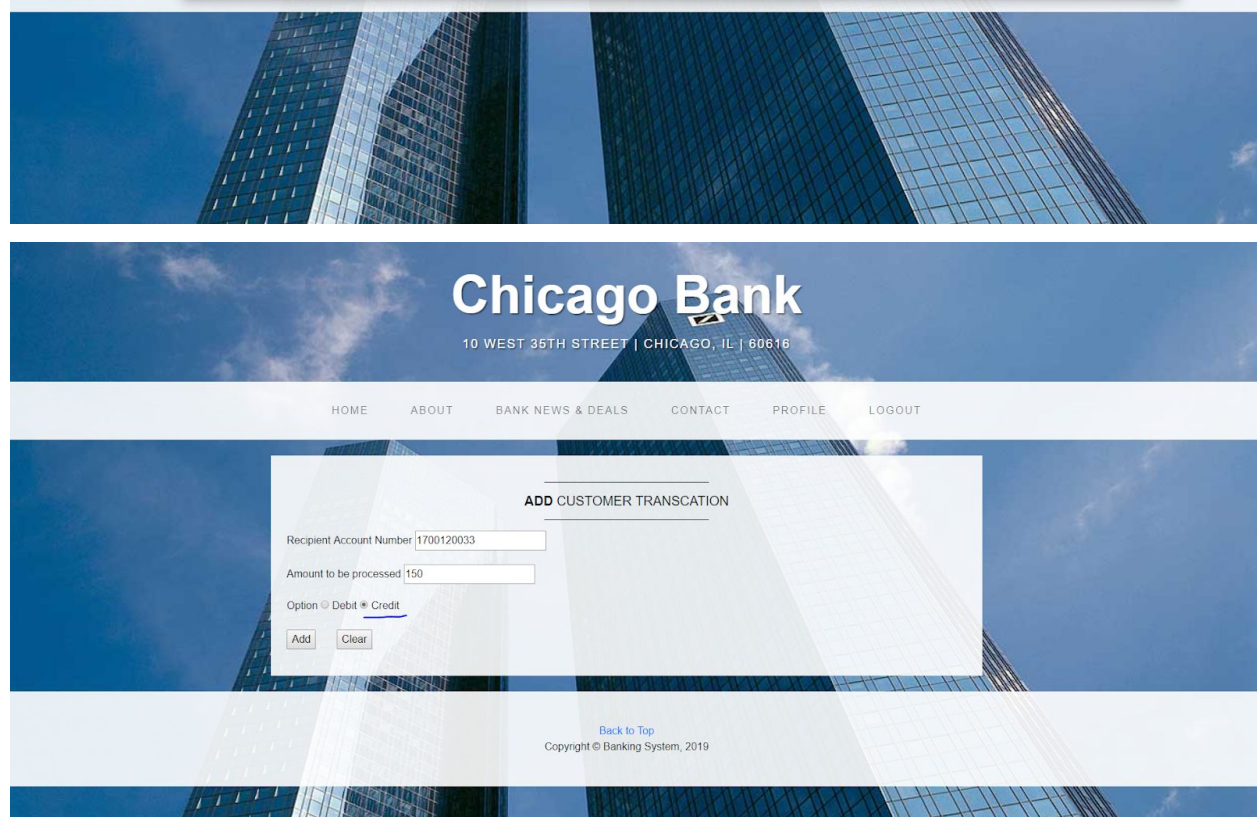
Option ☒ Debit ☐ Credit

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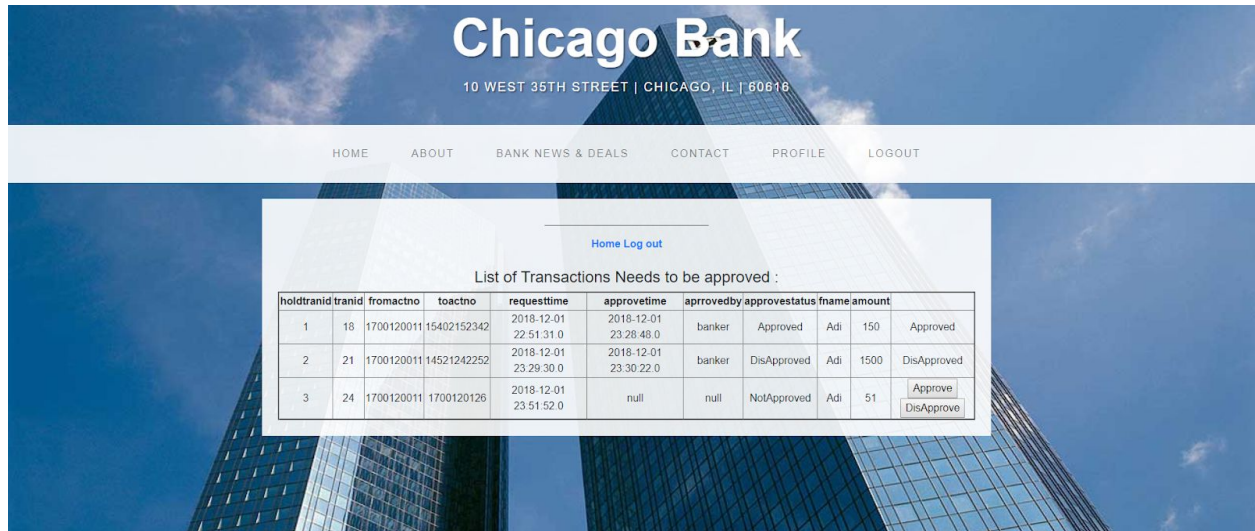
```
mysql> select * from transaction;
+-----+-----+-----+-----+-----+-----+-----+-----+
| id | sender_account | receiver_account | amount | type | status | date | time |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 14 | 1700120011 | 1700120033 | 1000 | debit | DisApproved by banker | 2018-12-01 | 22:40:45 |
| 15 | 1700120033 | 1700120011 | 150 | debit | transferred successfully | 2018-12-01 | 22:40:45 |
| 16 | 1700120011 | 1700120033 | 150 | credit | transferred successfully | 2018-12-01 | 22:50:09 |
| 17 | 1700120033 | 1700120011 | 100 | debit | transferred successfully | 2018-12-01 | 22:50:09 |
| 18 | 1700120011 | 15402152342 | 100 | credit | transferred successfully | 2018-12-01 | 22:51:31 |
| 19 | 1700120033 | 1700120033 | 150 | debit | ction is Approved by banker | 2018-12-01 | 23:17:09 |
| 20 | 1700120033 | 1700120033 | 150 | debit | Add Customer Transcation | 2018-12-01 | 23:17:37 |
| 21 | 1700120011 | 14521242252 | 150 | credit | Add Customer Transcation | 2018-12-01 | 23:29:30 |
| 22 | 1700120033 | 1700120033 | 1500 | debit | Funds Transfer to other Bank | 2018-12-01 | 23:43:46 |
| 23 | 1700120033 | 1700120033 | 150 | debit | Add Customer Transcation | 2018-12-01 | 23:47:02 |
| 24 | 1700120033 | 1700120033 | 150 | credit | Add Customer Transcation | 2018-12-01 | 23:47:02 |
+-----+-----+-----+-----+-----+-----+-----+-----+
23 rows in set (0.00 sec)

mysql>
```



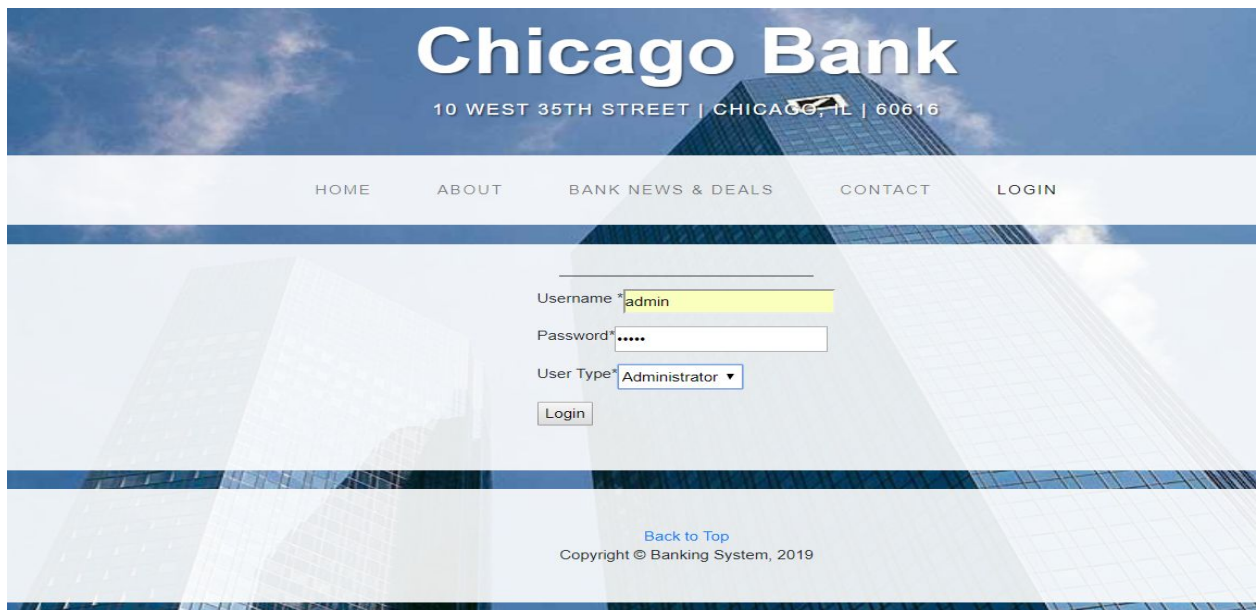
5) Accept money transfer request





## C.) ADMINISTRATOR

- 1.) ADMINISTRATOR SUCCESSFUL LOGIN AND DASHBOARD TO SHOW THE COMPLAINTS REGISTERED:



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Welcome Test

List of Complaints :

complaint_no	actno	complaint_date	subject	description	status	closed
1011	199980560	2018-12-01	123456	345324dfsdf	Open	True
1012	199980560	2018-12-01	UI not working	Some issues	Open	True
1013	21300	2018-12-01	Discrepancy in my account	thehjjs	Open	True

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