



**GUJARAT TECHNOLOGICAL UNIVERSITY**



# **Sarvajani College of Engineering & Technology**

(Faculty of Computer Engineering, Computer Department)

A  
Project Report  
On

## **Online Banking System**

Under the course of  
Web Technology (2160708)  
B. E. III, Semester – VI  
(Computer Engineering Shift-II)

*Submitted by:*

<b>Sr. No.</b>	<b>Enrolment No</b>	<b>Student Name</b>
1	170420107503	YAGNIK BELADIYA
2	170420107504	ROHITKUMAR BHALALA
3	170420107510	JENISH DEVANI
4	170420107518	UTSAV ITALIYA
5	170420107524	BRIJESH KARGAR

# **Contents**

- 1. Introduction**
- 2. Modules**
- 3. Screenshots**
- 4. Limitations**
- 5. Conclusion**

## **Introduction**

Through this project work, we aim to create a simplified version of a banking application. The application will act as a portal which provides it's users with various banking facilities like account management and transaction management. The aim is to learn how to create an application which uses a database in its backend. We also plan to make the application safe and secure so that it is not susceptible to vulnerabilities and security attacks.

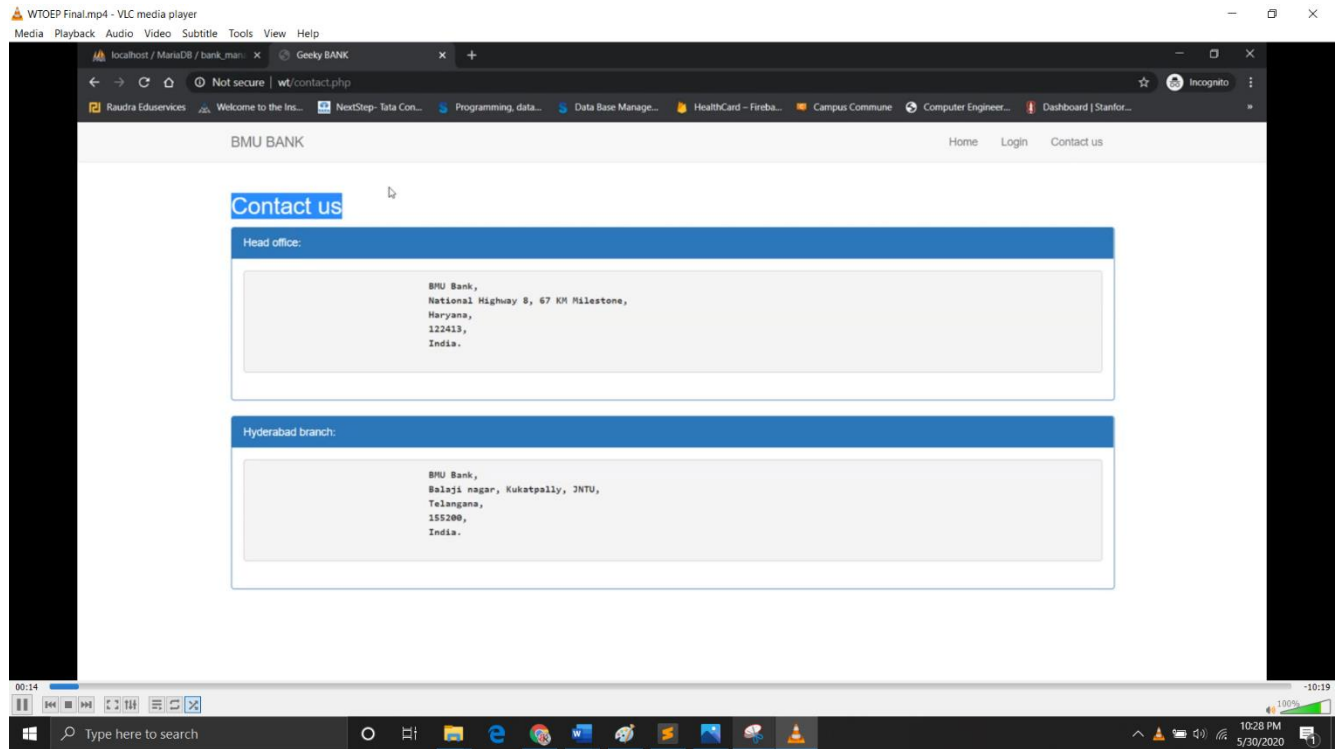
## Modules

These modules will be developed in PHP source code and MYSQL database.

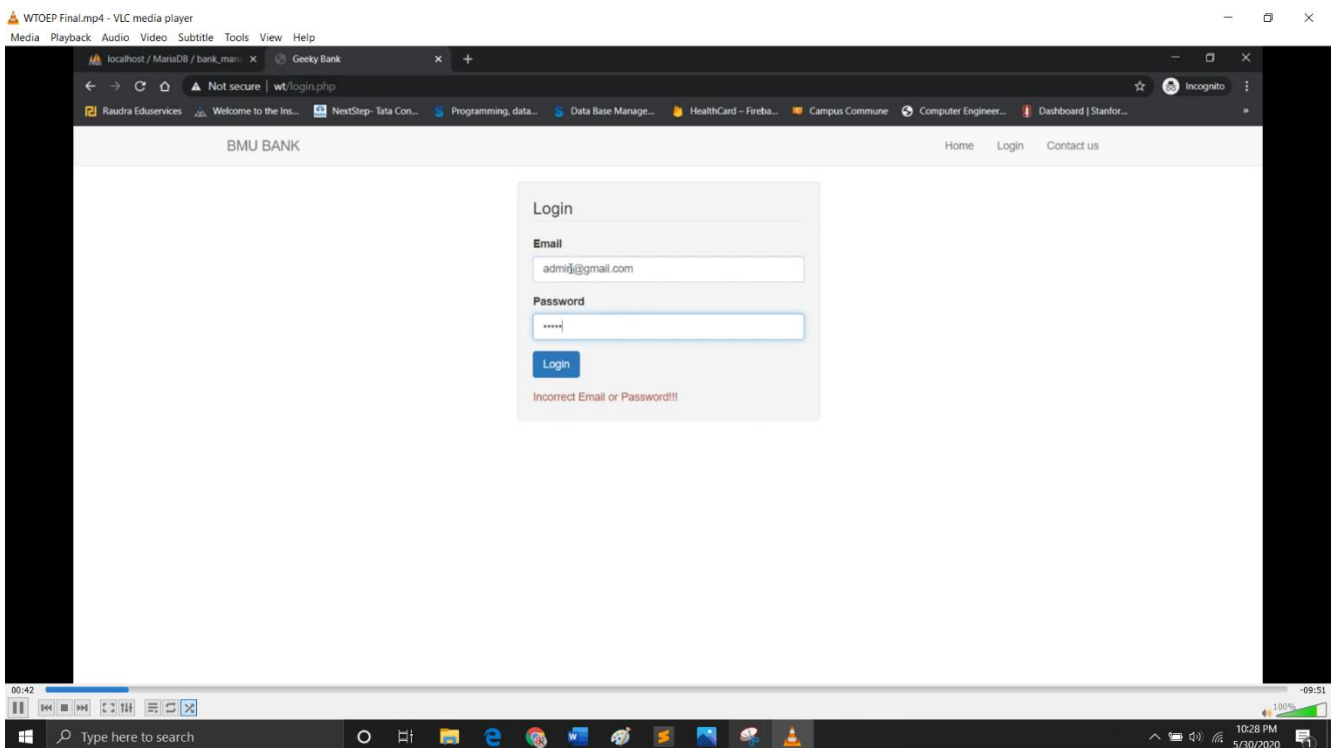
1. **Create New Account:** A customer who having the account in the world can create a account through this module. This module receives the customer profile details and the bank account details with the proof of the ownership of the bank account.
2. **Login:** Account holders and Admin can login in to the system using this module. Thus this is the secured login page for the customers in the website.
3. **Fund Transfer:** This is the module to make fund transfer to the virtual bank account holders or the usual bank account holders from the customer's specified bank account.
4. **Beneficiary:** Beneficiary is a person who receives money. Here the customer can add the beneficiaries to make fund transfer in the future.
5. **Transactions:** This module displays the transactions made by the customer in the particular date with the transaction details.
6. **Administrative Control:** This module contains the administrative functions such as view all account, transactions, approve bank accounts etc...
7. **Loan Grant:** In this module the admin can grant a loan customer of bank.
8. **Loan Payment:** In this module Customer can pay a loan through transaction.

# Screenshots

## Contact Us



## Log In



# Admin

## (i) Add Account

WTOEP Final.mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

localhost / MariaDB / bank\_man... x Geeky Bank x +

Not secure | wt/addaccount.php

Raudra Eduservices Welcome to the Ins... NextStep- Tata Con... Programming, data... Data Base Manage... HealthCard - Fireba... Campus Commune Computer Engineer... Dashboard | Stanfor...

Admin Dashboard Log Out

**Add an account**

**Add an account**

Full Name \* Enter your name

Account number \* Enter account number

IFSC Code \* Enter IFSC Code

Email-address \* Enter Email-address

Password \* Enter password

Account type \* Savings

Account balance \* Enter the balance

Submit

## (ii) Account Information

WTOEP Final.mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

localhost / MariaDB / bank\_man... x Geeky Bank x +

Not secure | wt/viewaccounts.php

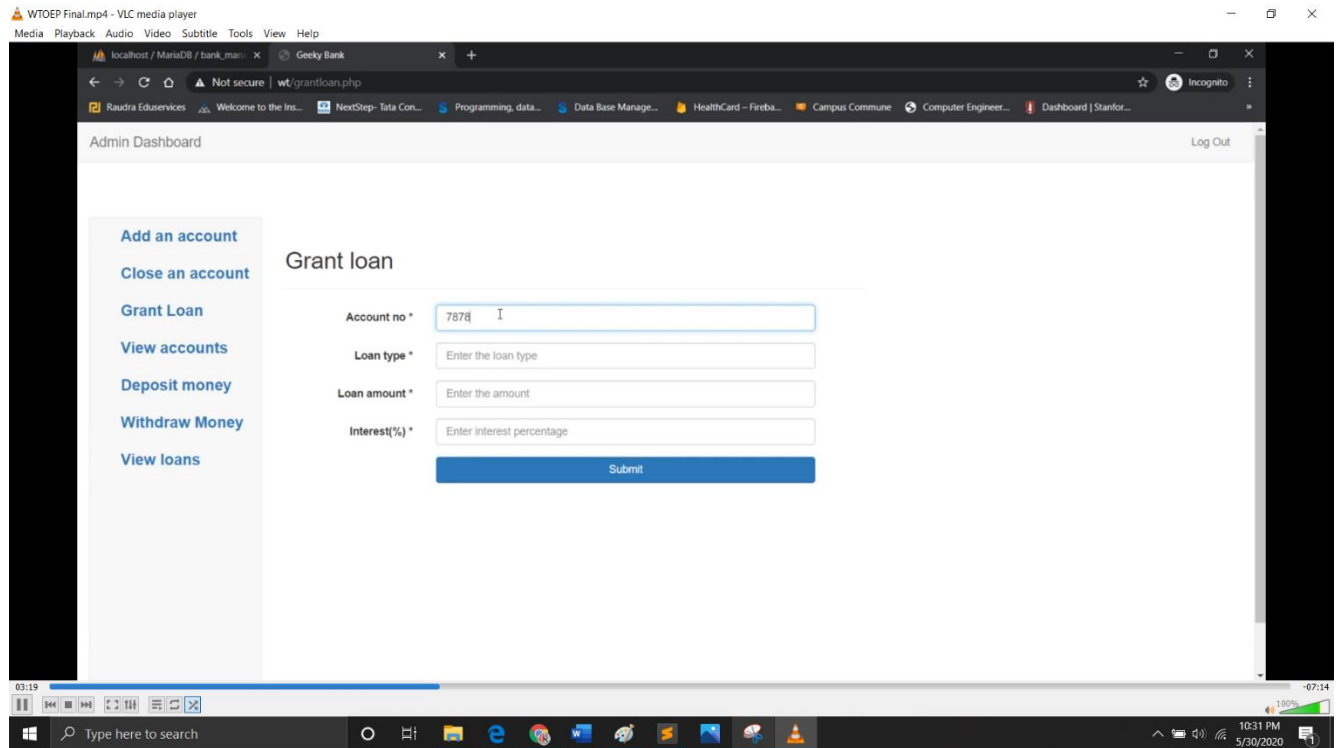
Raudra Eduservices Welcome to the Ins... NextStep- Tata Con... Programming, data... Data Base Manage... HealthCard - Fireba... Campus Commune Computer Engineer... Dashboard | Stanfor...

Admin Dashboard Log Out

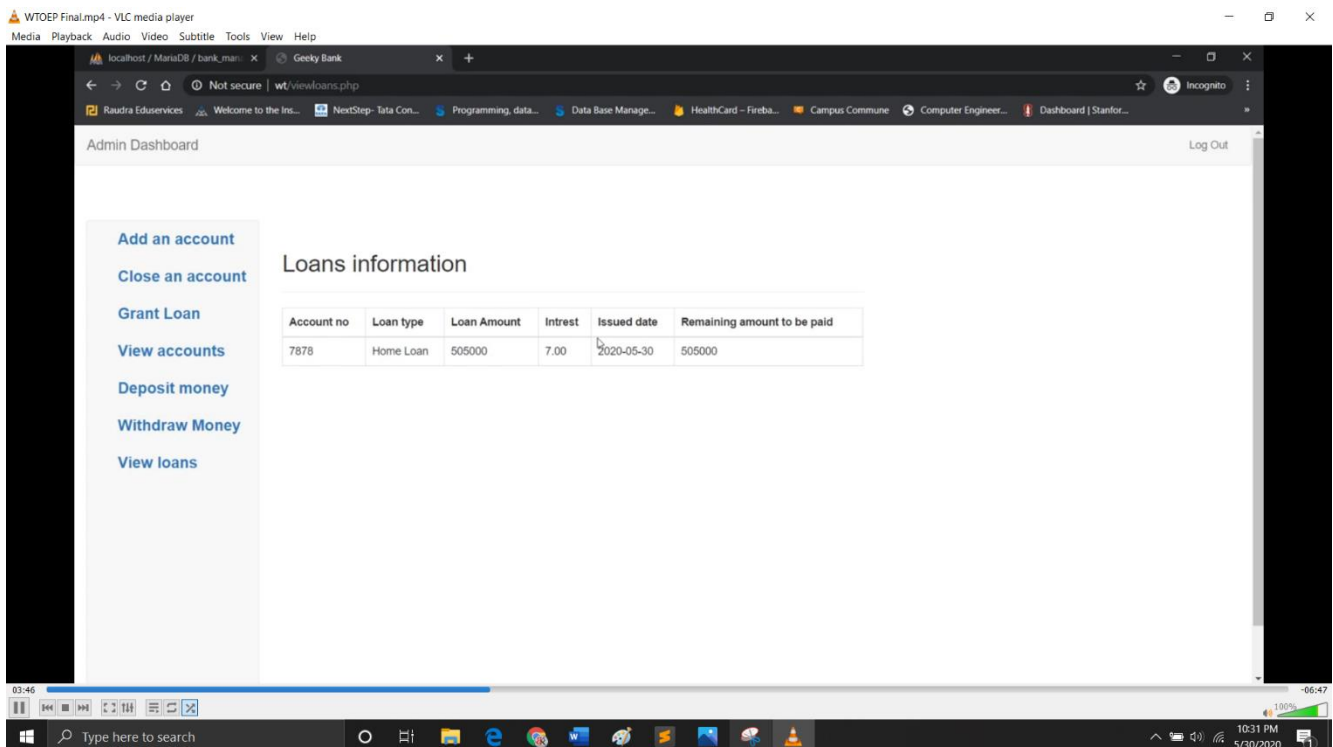
**Accounts information**

Account no	Holder name	Balance
7896	Brijesh Kargar	23500
7878	Rohit Bhalala	20000

### (iii) Grant Loan



### (iv) Loan Information



## (v) Deposit Money

WTOEP Final.mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

localhost / MariaDB / bank\_man... x Geeky Bank x +

Not secure | wt/depositmoney.php

Raudra Eduservices Welcome to the Ins... NextStep- Tata Con... Programming, data... Data Base Manage... HealthCard - Fireba... Campus Commune Computer Engineer... Dashboard | Stanfor...

Admin Dashboard Log Out

**Add an account**  
**Close an account**  
**Grant Loan**  
**View accounts**  
**Deposit money**  
**Withdraw Money**  
**View loans**

### Deposit money

Full Name \*

Account number \*

IFSC Code \*

Amount \*

04:12 -06:21

Type here to search

10:12 PM 5/30/2020

## (vi) Withdraw Money

WTOEP Final.mp4 - VLC media player

Media Playback Audio Video Subtitle Tools View Help

localhost / MariaDB / bank\_man... x Geeky Bank x +

Not secure | wt/withdrawmoney.php

Raudra Eduservices Welcome to the Ins... NextStep- Tata Con... Programming, data... Data Base Manage... HealthCard - Fireba... Campus Commune Computer Engineer... Dashboard | Stanfor...

Admin Dashboard Log Out

**Add an account**  
**Close an account**  
**Grant Loan**  
**View accounts**  
**Deposit money**  
**Withdraw Money**  
**View loans**

### Withdraw money

Account number \*

IFSC Code \*

Amount \*

04:46 -05:47

Type here to search

10:33 PM 5/30/2020



## Customer(Account Holder)

### (i) Account Detail

Account Details	
Account name	Rohit Bhalala
Account no	7878
IFSC Code	SBIN0011020
Email-address	rohit@gmail.com
Account type	Current
Account balance	522430
Open date	2020-05-30

### (ii) Pay Loan

Pay loans

Loan type \*

Amount \*

### (iii) Loan Payments

BMU Bank

Welcome, Rohit Bhalala

Account details

My Transactions

Transfer Amount

Register a payee

Remove Payee

Pay loans

Loan payments

Loan info

### Loan payments

Loan type	Amount	Transaction date
Home Loan	85000	2020-05-30

### (iv) Loan Info

BMU Bank

Welcome, Rohit Bhalala

Account details

My Transactions

Transfer Amount

Register a payee

Remove Payee

Pay loans

Loan payments

Loan info

### Loan info

Loan type	Loan Amount	Remaining amount to be paid	Interest	Issued Date
Home Loan	500000	440000	7.00	2020-05-30

## (v) Register a payee

The screenshot shows a web browser window with the URL `localhost / MariaDB / bank_man / wt/payee.php`. The page title is "BMU Bank" and the user is logged in as "Rohit Bhalala". A sidebar on the left contains links: "Account details", "My Transactions", "Transfer Amount", "Register a payee" (highlighted), "Remove Payee", "Pay loans", "Loan payments", and "Loan info". The main content area is titled "Register a Payee" and contains a form with the following fields:

- Full Name \***: Text input with placeholder "Enter your name".
- Account number \***: Text input with placeholder "Enter account number".
- Account type \***: Dropdown menu with "Savings" selected.
- IFSC Code \***: Text input with placeholder "Enter IFSC Code".

A blue "Submit" button is located below the IFSC Code field. Below the button, a message states: "Payee registered successfully!".

## (vi) Transfer Amount

The screenshot shows a web browser window with the URL `localhost / MariaDB / bank_man / wt/transfer.php`. The page title is "BMU Bank" and the user is logged in as "Rohit Bhalala". A sidebar on the left contains links: "Account details", "My Transactions", "Transfer Amount" (highlighted), "Register a payee", "Remove Payee", "Pay loans", "Loan payments", and "Loan info". The main content area is titled "Transfer amount" and contains a form with the following fields:

- Select a payee \***: Dropdown menu with "Brijesh Kargar" selected.
- Enter amount \***: Text input with placeholder "1250".

A blue "Submit" button is located below the "Enter amount" field.

## (vii) Remove a Payee

The screenshot shows a web browser window with the address bar displaying 'localhost / MariaDB / bank\_man' and 'Geeky Bank'. The page title is 'BMU Bank' and the user is logged in as 'Rohit Bhalala'. The main content area is titled 'Remove a Payee' and contains a form with two input fields: 'Payee Name \*' with the value 'Brijesh Kargar' and 'Account number \*' with the value '7896'. A red 'Submit' button is located below the input fields. A sidebar on the left contains a list of links: 'Account details', 'My Transactions', 'Transfer Amount', 'Register a payee', 'Remove Payee', 'Pay loans', 'Loan payments', and 'Loan info'.

localhost / MariaDB / bank\_man x Geeky Bank x +

Not secure | wt/removepayee.php

Raudra Eduservices Welcome to the Ins... NextStep- Tata Con... Programming, data... Data Base Manage... HealthCard - Fireba... Campus Commune Computer Engineer... Dashboard | Stanfor...

BMU Bank Log Out

Welcome, Rohit Bhalala

Account details  
My Transactions  
Transfer Amount  
Register a payee  
Remove Payee  
Pay loans  
Loan payments  
Loan info

### Remove a Payee

Payee Name \* Brijesh Kargar

Account number \* 7896

Submit

## **Limitations**

Our system aims at ultimate user satisfaction. But due to certain constraints, there remain a few drawbacks. A person interested in withdrawing or depositing funds has to do it manually by visiting their respective traditional bank. Moreover for the creation of a new account, a person has to visit the bank in reality with original documents. This provision is kept to prevent the creation of fake accounts.

## **Conclusion**

This was a small attempt from our side to create a prototype of a system, vital nowadays in everyone's life. In spite of its drawbacks, hope it will serve the people upto a certain extent and on our side we shall try to enhance the system for the betterment of society.