

1. Installation and Starting Web Server:

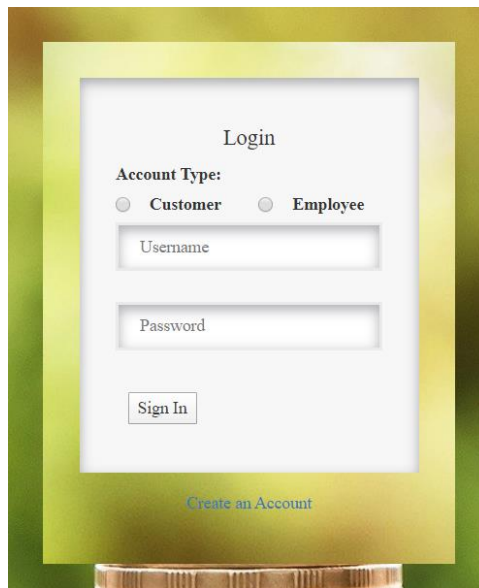
Refer readme.txt for installation details.

2. Navigating Website:

CUSTOMER EXPERIENCE

Home Page:

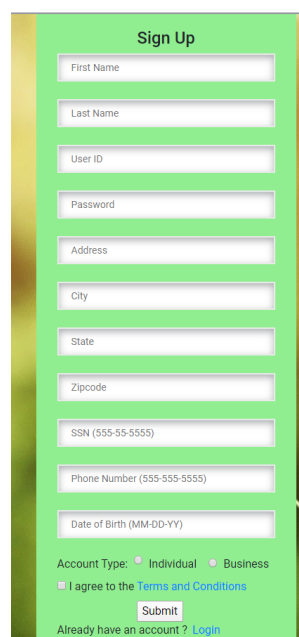
URL - <http://127.0.0.1:5000/>

A login form titled "Login" is centered on a white background with a yellow border. It features two radio buttons for "Account Type": "Customer" (selected) and "Employee". Below these are input fields for "Username" and "Password", followed by a "Sign In" button. At the bottom, there is a link that says "Create an Account".

Click on Create an Account to direct to signup page. If Username and Password already available select account type and hit sign in.

Sample Username: **vish** Password: **23** Account type: **Customer**

Signup Page:

A sign-up form titled "Sign Up" is displayed on a green background. It contains several input fields: "First Name", "Last Name", "User ID", "Password", "Address", "City", "State", "Zipcode", "SSN (555-55-5555)", "Phone Number (555-555-5555)", and "Date of Birth (MM-DD-YY)". Below the fields are two radio buttons for "Account Type": "Individual" (selected) and "Business". There is a checkbox for "I agree to the Terms and Conditions" with a link to "Terms and Conditions". At the bottom, there is a "Submit" button and a link for "Already have an account? Login".

Enter the information asked in the form and hit submit to create an account.
Terms and Conditions can be read by clicking on terms and conditions.

Terms and Conditions

Following table represents the information stored with us, its purpose and the duration in months for which it will be stored with us.
You have the right to view, update or delete this information at any point in time.

Information	Purpose of Storage	Duration for Storage
Address, City, Postal Code, State	To post correspondence and promotional mails.	50
SSN	To verify earnings.	100
First and Last Name	To identify account holder.	100
Phone number	For initial verification of Account and promotional calls.	12
Date of Birth	For identity verification of Account Holder.	12

[Go back to Sign Up page](#)

After you click submit, the page will redirect to home page. Use user id and password used in signup sheet to login into the system.

Account Home Page:

3IT Bank

TransferMy InfoLogout

Account Summary

Account Number : - 101
Account Balance : - \$88927

Show 10 entries

Search:

Transaction ID	Amount	Date	Type
1001	100000	2020-04-28	depo
1002	50	2020-04-28	with
1003	5000	2020-04-28	with
1004	6000	2020-04-28	with
1007	23	2020-04-28	with

Showing 1 to 5 of 5 entries

Previous1Next

Account Number, Balance and recent transactions can be viewed here.
Click on Transfer option in upper right corner to go to Transfer page.
Click on MyInfo option to view, update and delete personal data stored in the system.

Transfer Page:

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Account Home

Account Number : 101
Account Balance : \$ 88927

Select operation and the amount

Operation :
☒ Deposit ☐ Withdraw

Amount :
\$

SUBMIT

Select operation to perform and enter amount to be deposited or withdrawn.
Click on Account home to go back to previous page

View Info Page:

Bank	Account Home
Personal Data	
First Name: vishvesh	
Last Name: kanwa	
Address: 220 John Street	
City: Rochester	
State: New York	
Postal Code: 14623	
Phone number: 585-967-9168	
Date of Birth: 07-23-1994	

This page shows personal information stored with bank.

Click on Account home to go back to previous page.

Update Info Page:

RIT Bk	Account Home
Select fields to Update data and Enter values in the box provided	
<div><div><input type="checkbox"/> First Name</div><div><input type="checkbox"/> Last Name</div><div><input type="checkbox"/> Address</div><div><input type="checkbox"/> City</div><div><input type="checkbox"/> State</div><div><input type="checkbox"/> Zipcode</div><div><input type="checkbox"/> Phone Number</div><div><input type="checkbox"/> Date of Birth</div></div>	
<div>Update</div>	

Select Fields to Update and enter the corresponding values and hit update to update personal information.

Click on Account home to go back to previous page.

Delete Info Page:

RIT Bk	Account Home
Select fields to Delete data.	
<div><div><input type="checkbox"/> Address</div><div><input type="checkbox"/> City</div><div><input type="checkbox"/> State</div><div><input type="checkbox"/> Postal Code</div><div><input type="checkbox"/> First Name</div><div><input type="checkbox"/> Last Name</div><div><input type="checkbox"/> Phone Number</div><div><input type="checkbox"/> Date of Birth</div></div>	
<div>Delete my information</div>	

Select fields and hit Delete my information to delete the personal information.

Click on Account home to go back to previous page.

Logout:

Click on Logout option of any page to logout.

Employee (Admin) EXPERIENCE

Creating admin accounts:

Open createAdmin.py file in Server folder.

```
import pymysql

def createAdmin(id, password, role):
    db = pymysql.connect("localhost", "root", "vrk230794", "bank_database")
    cursor = db.cursor()
    query = "INSERT INTO adminlogindetails VALUES ('" + encrypt(id) + "','" + encrypt(password) + "','" + encrypt(role) + "')"
    cursor.execute(query)
    cursor.close()
    db.commit()
    db.close()

id = "mil"
password = "01"
role = "3"
createAdmin(id, password, role)
```

Edit values of id, password, and role and run the file to create admin account.

Role Types:

- 1 – Manager
- 2 – Accountant
- 3 - Sales and Marketing

Home Page:

URL - <http://127.0.0.1:5000/>

Login

Account Type:

☐ Customer ☐ Employee

Username

Password

Sign In

[Create an Account](#)

Click on Create an Account to direct to signup page. If Username and Password already available select account type and hit sign in.

Sample ids:


Username: **vish** Password: **23** Account type: **Employee** (Role Assigned: Manager)

Username: **sal** Password: **15** Account type: **Employee** (Role Assigned: Accountant)

Username: **mil** Password: **01** Account type: **Employee** (Role Assigned: Sales and Marketing)

Admin Home Page:

RIT Ba

Delete Expired Data  Logout

Show 10 entries

Search:

CUST_ID	FIRST_NAME	LAST_NAME	DOB	PHONE_NUMBER	ADDRESS	CITY	CUST_TYPE_CD	SSN	POSTAL_CODE	STATE
1	Vishvesh	Karwa	07-23-1994	585-967-9168	220 John Street	Rochester	I	999-99-9999	14623	New York
2	Saloni	Poddar	08-25-1994	123-456-7890	220 John Street	Rochester	B	555-55-5555	14623	New York
3	Vishwa	Karwa	09-13-1998	098-765-4321	Main Road	Sangmamner	I	111-11-1111	42260	

Showing 1 to 3 of 3 entries

Previous

1

Next

Employee would be able to see information of customers based on role assigned to him. Managers can see personal information including SSN. Accountants can see account information and customer name. Sales and Marketing reps can only see Customer Name and Contact information.

Select “Delete Expired data” to delete all the data that has been expired.

**** Only managers can perform “Delete Expired data” action.**

Click on logout button to sign out