

Project by : [Simplilearn](https://www.simplilearn.com/)

Full Stack Java Developer Capstone Project:

Title : ICIN Online Bank

Des : A online bank services portal.

Developed by : B.Uday

Date: 02-05-2023

Link : <https://github.com/UdayBoppapuram/ICIN>

Repository Name.	ICIN
GitHub Link.	https://github.com/UdayBoppapuram/ICIN/

Contents.

- 1.Features...
- 2.Project Outputs.....
- 3.Source Link.....
- 4.Screenshots.....
- 5.Technology Used in the Project

Features of ICIN Bank portal

Admin Portal:

--It deals with all the back-end data generation and product information. The admin user should be able to:

- Authorize the roles and guidelines for the user
- Grant access to the user regarding money transfer, deposits, and withdrawal
- Block the user account in case of any threat
- Authorize the cheque book requests

User Portal:

It deals with the user activities. The user should be able to:

- Register or log in to the application to maintain a record of activities
- Deposit and withdraw money from the account
- View transactions and balance in the primary and savings account
- Transfer funds between different accounts and add recipients
- Request cheque books for different accounts

Features of the application:

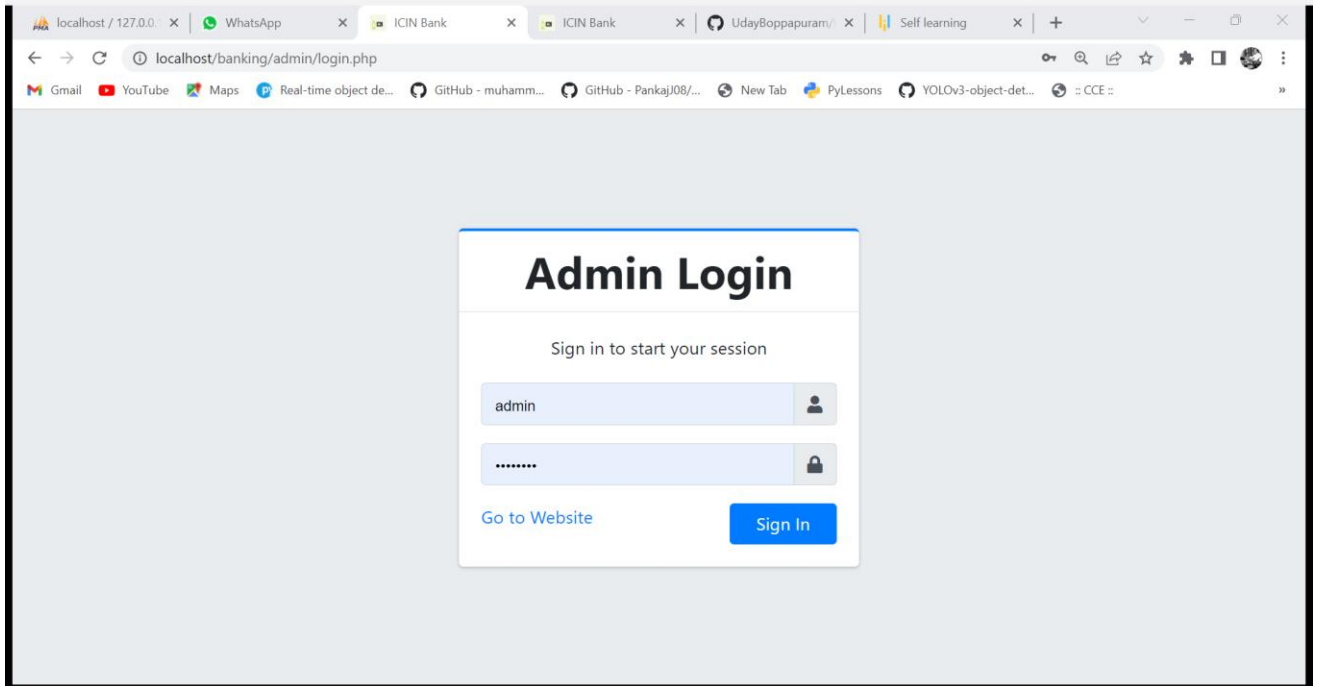
1. Registration
2. Login
3. Account transactions
4. Transfers
5. Savings details
6. Profile settings
7. Requesting cheque books

Technologies Used:

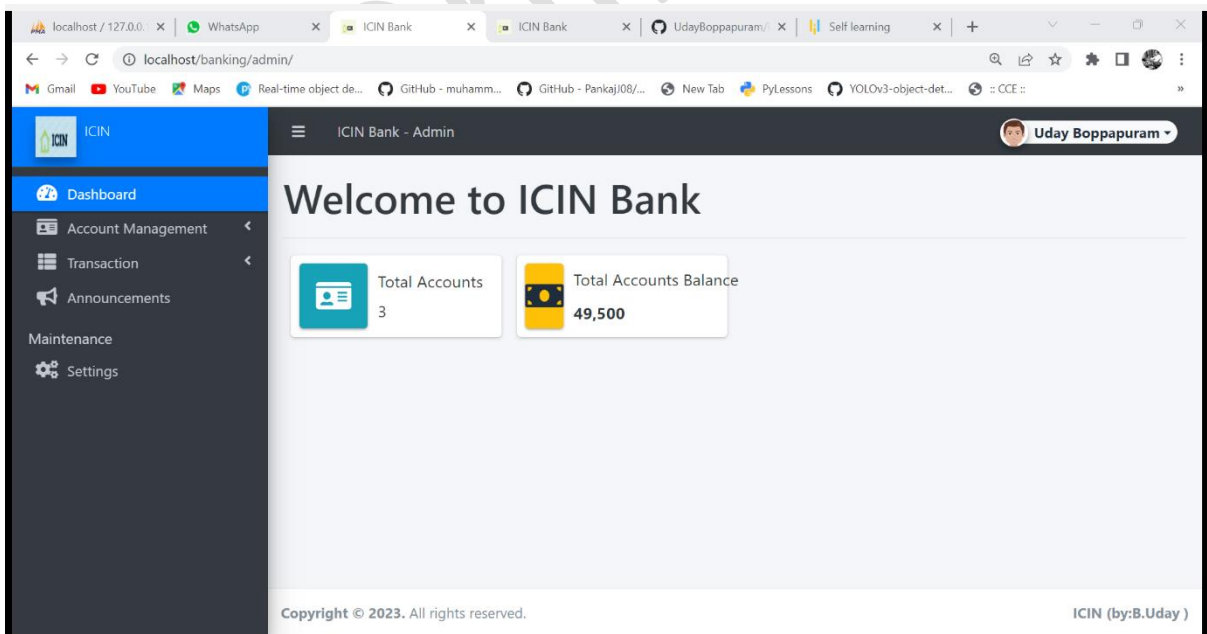
1. Database management: MySQL
2. Back-end logic: Java programming, Spring-Boot framework, PHP
3. Front-end development: Angular 2, HTML/CSS
4. Automation and testing technologies: Selenium and JUnit
5. DevOps and production technologies: Git, GitHub, Jenkins, Docker, and AWS.

ADMIN Side View

Login Portal



Admin Dashboard:



Creating a new Account For customer from User side

localhost / 127.0.0.1 x (1) WhatsApp x ICIN Bank x ICIN Bank x UdayBoppapuram/ x Self learning x +

localhost/banking/admin/?page=accounts/manage_account

ICIN Bank - Admin Uday Boppapuram

Create New Account

Account Number

First Name **Middle Name** **Last Name**

(optional)

Email

Password

 [Generate](#)

localhost / 127.0.0.1 x WhatsApp x ICIN Bank x ICIN Bank x UdayBoppapuram/ x Self learning x +

localhost/banking/admin/?page=accounts/manage_account

ICIN Bank - Admin Uday Boppapuram

First Name **Middle Name** **Last Name**

(optional)

Email

Password

 [Generate](#)

PIN

Beginning Balance

 0

[Save](#) [Cancel](#)

Managing Account:

localhost / 127.0.0.1 x WhatsApp x ICIN Bank x ICIN Bank x UdayBoppapuram/ x Self learning x +

localhost/banking/admin/?page=accounts

ICIN Bank - Admin Uday Boppapuram

Dashboard
Account Management
New Account
Manage Account
Transaction
Announcements
Maintenance
Settings

List of Accounts + Create New

Show 10 entries Search:

#	Account #	Name	Current Balance	Date Added	Date Last Update	Action
1	6231415	Smith, JohnD	18,000.00	2021-07-14 12:03:58	2021-07-14 15:56:12	Action
2	643042272255	Boppapuram, Udayb	10,000.00	2023-05-02 10:14:21	2023-05-02 10:14:44	Action
3	10140715	Blake, ClaireC	21,500.00	2021-07-14 12:05:19	2021-07-14 15:35:16	Action

Showing 1 to 3 of 3 entries Previous 1 Next

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Transactions:

localhost / 127.0.0.1 x WhatsApp x ICIN Bank x ICIN Bank x UdayBoppapuram/ x Self learning x +

localhost/banking/admin/?page=transaction

ICIN Bank - Admin Uday Boppapuram

Dashboard
Account Management
Transaction
Transactions
Deposit
Withdraw
Transfer
Announcements
Maintenance
Settings

Transactions

Show 10 entries Search:

#	Account #	Name	Amount	Transaction	Date Created
1	643042272255	Boppapuram, Udayb	10,000.00	Beginning balance	2023-05-02 10:14:21
2	6231415	Smith, JohnD	1,000.00	Withdraw	2021-07-14 15:56:12
3	6231415	Smith, JohnD	1,000.00	Deposits	2021-07-14 15:55:54
4	6231415	Smith, JohnD	5,000.00	Deposits	2021-07-14 15:49:15
5	6231415	Smith, JohnD	1,000.00	Transferred to 10140715	2021-07-14 15:35:16
6	10140715	Blake, ClaireC	1,000.00	Transferred from 6231415	2021-07-14 15:35:16
7	6231415	Smith, JohnD	1,000.00	Withdraw	2021-07-14 15:25:20
8	6231415	Smith, JohnD	3,000.00	Deposits	2021-07-14 15:23:21
9	6231415	Smith, JohnD	3,000.00	Transferred to 10140715	2021-07-14 13:51:04
10	10140715	Blake, ClaireC	3,000.00	Transferred from 6231415	2021-07-14 13:51:04

Showing 1 to 10 of 14 entries Previous 1 2 Next

Deposit:

The screenshot shows the ICIN Bank Admin interface. The left sidebar contains navigation links: Dashboard, Account Management, Transaction (selected), Transactions, Deposit, Withdraw, Transfer, Announcements, Maintenance, and Settings. The main content area is titled 'Deposit' and contains the following fields:

- Account Number:** A text input field.
- Name:** A text input field.
- Balance:** A text input field.
- Deposit Amount:** A text input field with the value '0'.

At the bottom of the form are two buttons: 'Submit' (in blue) and 'Cancel' (in white). The footer of the page includes the copyright notice 'Copyright © 2023. All rights reserved.' and the text 'ICIN (by:B.Uday)'.

Announcements:

The screenshot shows the ICIN Bank Admin interface with the 'Announcements' section selected in the sidebar. The main content area is titled 'List of Announcements' and includes a '+ Create New' button in the top right corner. Below the title, there is a 'Show 10 entries' dropdown and a search bar. The table below displays the list of announcements:

#	Date Created	Title	Body	Date Last Update	Action
1	2021-07-14 14:33:41	ANNOUNCEMENT	We are pleased to announce that our bank has been recognized as one of the top performers in the industry by the independent financial research firm, XYZ. This recognition is a testament to...	2023-05-02 10:25:01	Action
2	2021-07-14 14:10:09	Sample 101	This is a sample Announcement only.	2021-07-14 14:11:30	Action

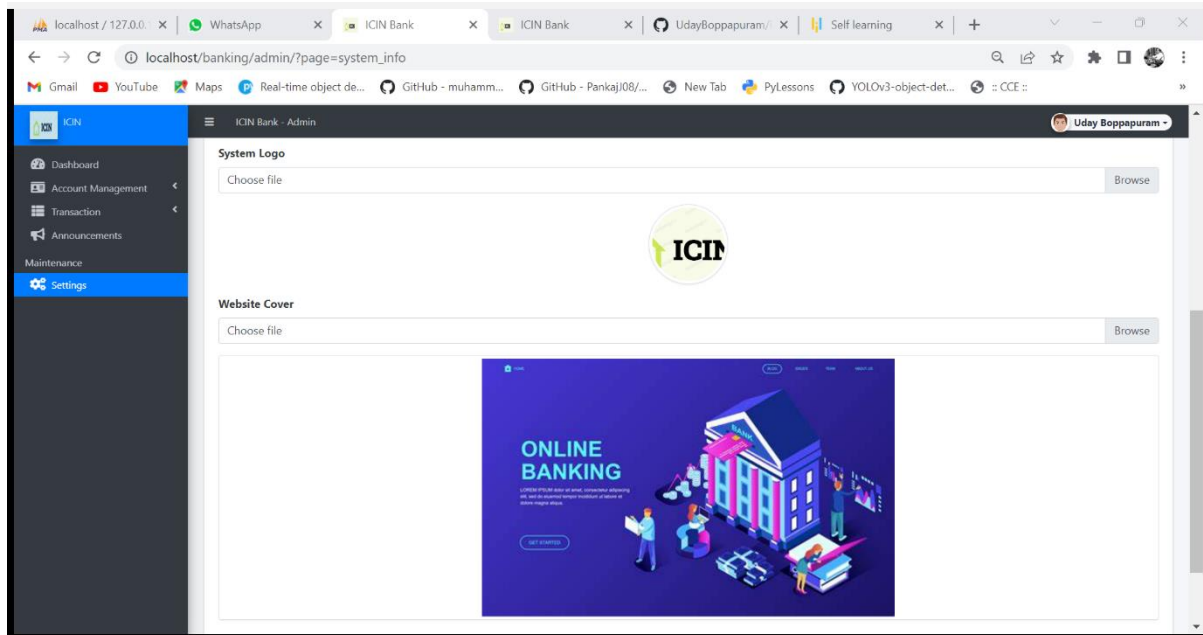
Below the table, it says 'Showing 1 to 2 of 2 entries'. At the bottom right of the table area are 'Previous', '1' (selected), and 'Next' buttons. The footer of the page includes the copyright notice 'Copyright © 2023. All rights reserved.' and the text 'ICIN (by:B.Uday)'.

Creating a new Announcement :

The screenshot shows the ICIN Bank Admin interface. The left sidebar contains navigation links: Dashboard, Account Management, Transaction, Announcements (highlighted), Maintenance, and Settings. The main content area is titled 'Create New Announcement'. It features a 'Title' text input field and an 'Announcement' rich text editor with a toolbar including bold, italic, underline, strikethrough, text color, background color, font family, font size, bulleted list, numbered list, indent, outdent, link, unlink, and source code. At the bottom of the form are 'Save' and 'Cancel' buttons.

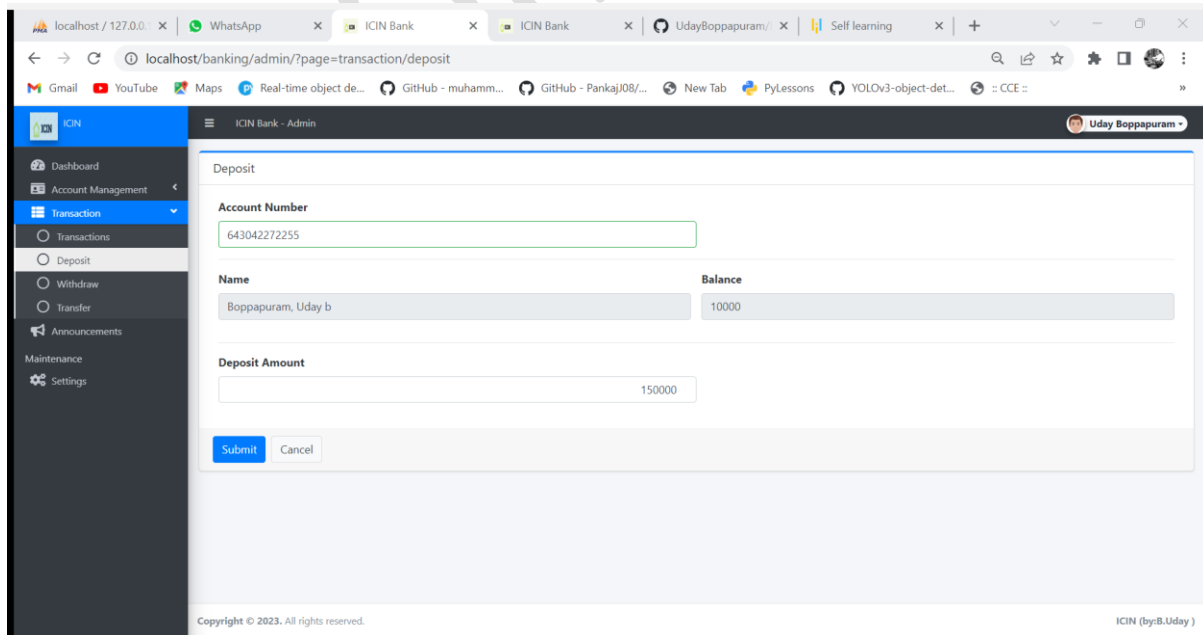
Admin settings:

The screenshot shows the ICIN Bank Admin interface with the 'Settings' option highlighted in the sidebar. The main content area is titled 'System Information'. It contains three sections: 'System Name' with a text input field containing 'ICIN Bank', 'System Short Name' with a text input field containing 'ICIN', and 'About Us' with a rich text editor. The 'About Us' editor contains the following text: 'Welcome to our online banking application (ICIN) ! Our platform is designed to make your banking experience simple, secure, and convenient. With our user-friendly interface, you can manage your finances from the comfort of your home or on-the-go using your mobile device. Our online banking application offers a wide range of features to meet your banking needs. You can view your account balances, track your transactions, transfer funds between accounts, pay bills, and more. You can also set up alerts to receive notifications when your account balance reaches a certain threshold or when a transaction is made. Our platform is built with the latest security features to ensure your information is always protected. We use multi-factor authentication,'. At the bottom of the form is a 'System Logo' label.



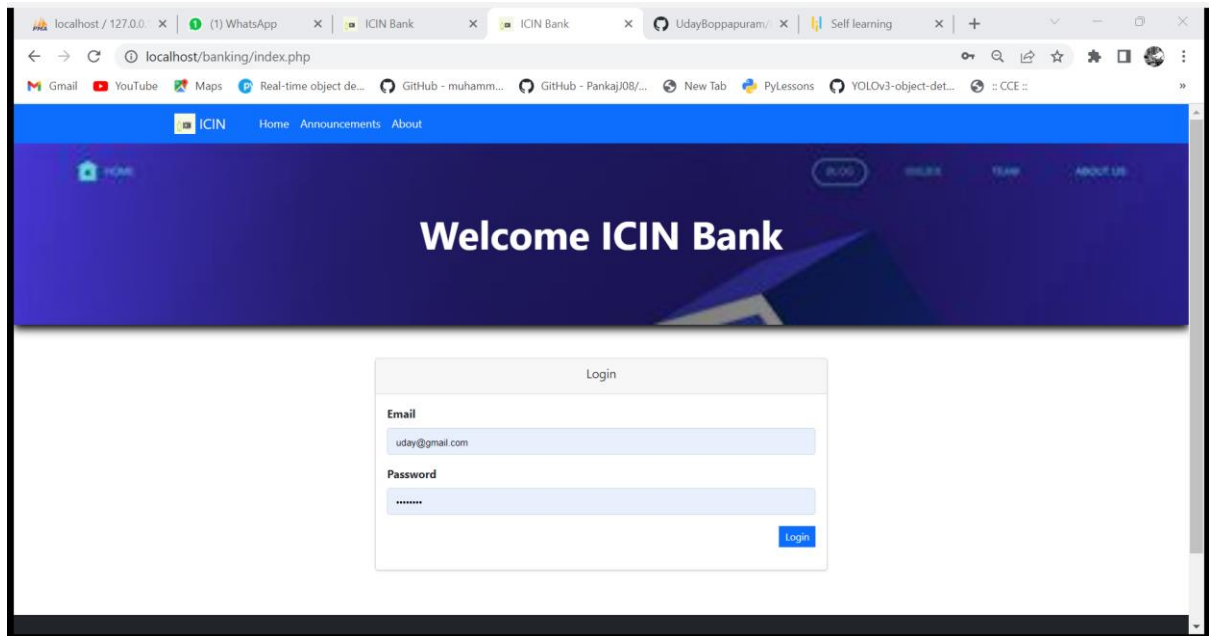
Every Change that made by Admin like changing of logo , About Announcements adding new customer, adding balance in accounts will reflect in user side also..

Adding amount to user account:

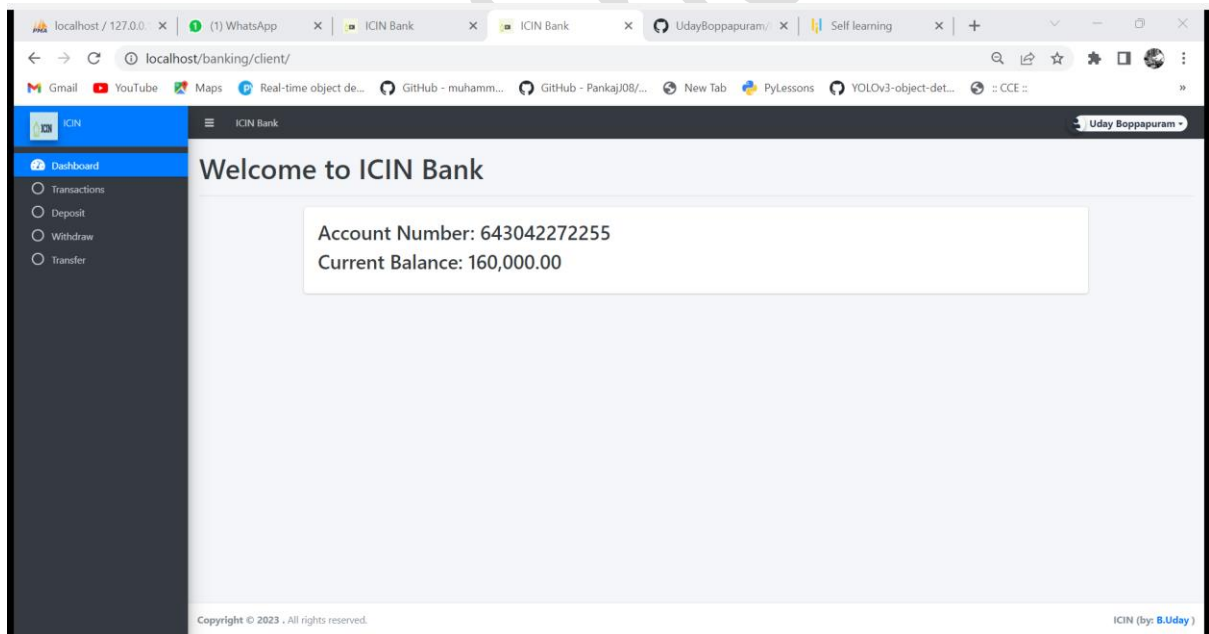


Customer side View

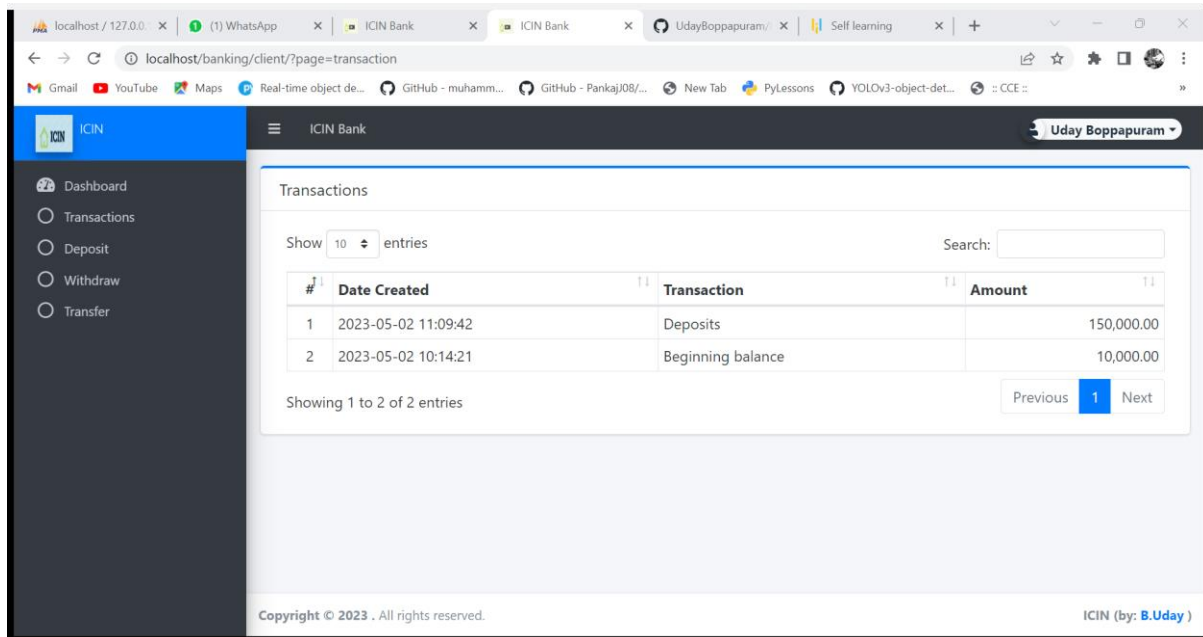
Login:



Customer Dashboard:



Transaction Details:



localhost / 127.0.0.1 x (1) WhatsApp x ICIN Bank x ICIN Bank x UdayBoppapuram x Self learning x +

localhost/banking/client/?page=transaction

ICIN

ICIN Bank

Uday Boppapuram

Dashboard

Transactions

Deposit

Withdraw

Transfer

Transactions

Show 10 entries

Search:

#	Date Created	Transaction	Amount
1	2023-05-02 11:09:42	Deposits	150,000.00
2	2023-05-02 10:14:21	Beginning balance	10,000.00

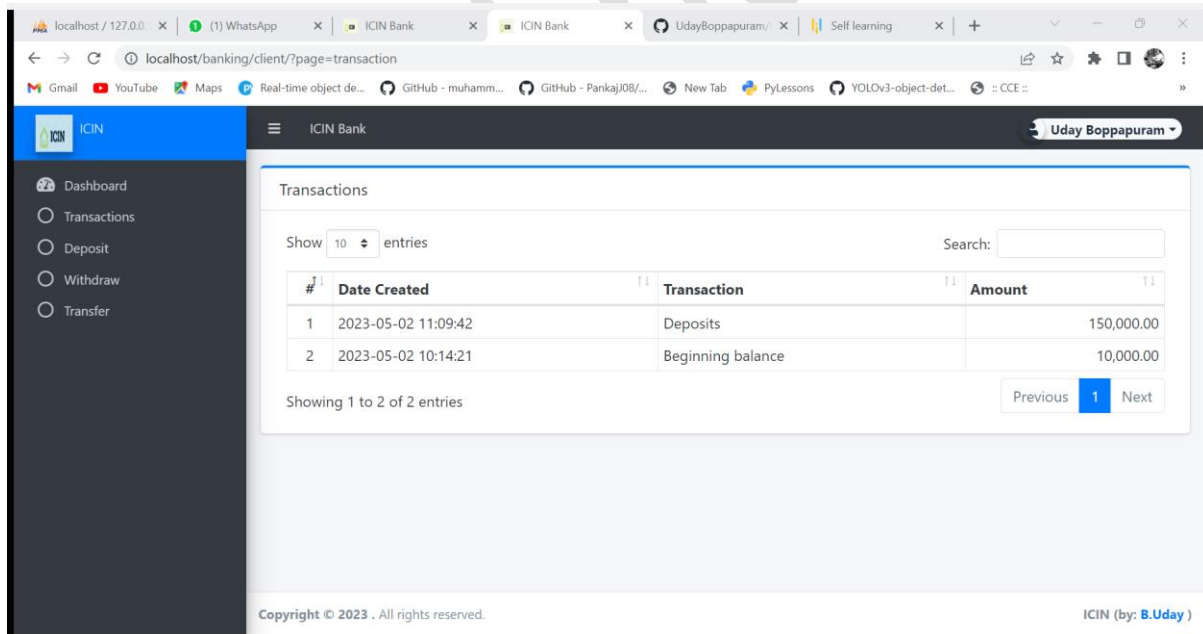
Showing 1 to 2 of 2 entries

Previous 1 Next

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Deposit:



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localhost/banking/client/?page=transaction

ICIN

ICIN Bank

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Dashboard

Transactions

Deposit

Withdraw

Transfer

Transactions

Show 10 entries

Search:

#	Date Created	Transaction	Amount
1	2023-05-02 11:09:42	Deposits	150,000.00
2	2023-05-02 10:14:21	Beginning balance	10,000.00

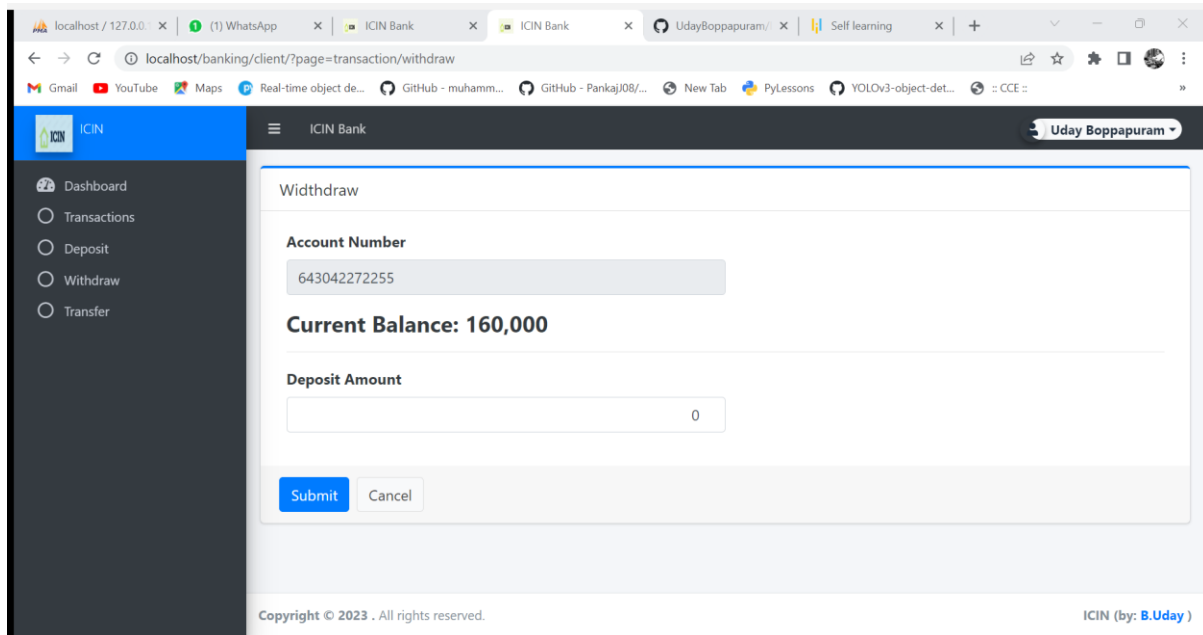
Showing 1 to 2 of 2 entries

Previous 1 Next

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Withdraw Details:



The screenshot shows a web browser at localhost/banking/client/?page=transaction/withdraw. The page has a dark sidebar with a menu: Dashboard, Transactions, Deposit, Withdraw, and Transfer. The main content area is titled 'Withdraw' and contains the following fields: 'Account Number' with the value '643042272255', 'Current Balance: 160,000', 'Deposit Amount' with the value '0', and two buttons: 'Submit' and 'Cancel'. The footer includes 'Copyright © 2023 . All rights reserved.' and 'ICIN (by: B.Uday)'.

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localhost/banking/client/?page=transaction/withdraw

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ICIN

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Dashboard

Transactions

Deposit

Withdraw

Transfer

Withdraw

Account Number

643042272255

Current Balance: 160,000

Deposit Amount

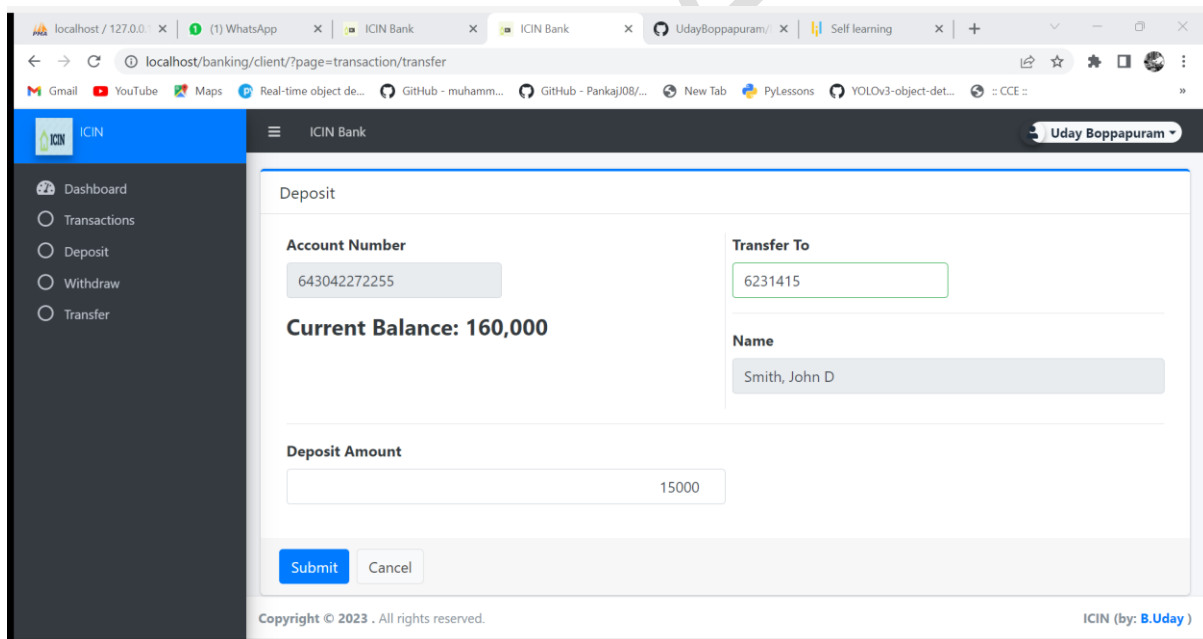
0

Submit Cancel

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Transfer money to some-other account



The screenshot shows a web browser at localhost/banking/client/?page=transaction/transfer. The page has a dark sidebar with a menu: Dashboard, Transactions, Deposit, Withdraw, and Transfer. The main content area is titled 'Deposit' and contains the following fields: 'Account Number' with the value '643042272255', 'Current Balance: 160,000', 'Transfer To' with the value '6231415', 'Name' with the value 'Smith, John D', and 'Deposit Amount' with the value '15000'. There are two buttons: 'Submit' and 'Cancel'. The footer includes 'Copyright © 2023 . All rights reserved.' and 'ICIN (by: B.Uday)'.

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localhost/banking/client/?page=transaction/transfer

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ICIN

ICIN Bank

Uday Boppapuram

Dashboard

Transactions

Deposit

Withdraw

Transfer

Deposit

Account Number

643042272255

Current Balance: 160,000

Transfer To

6231415

Name

Smith, John D

Deposit Amount

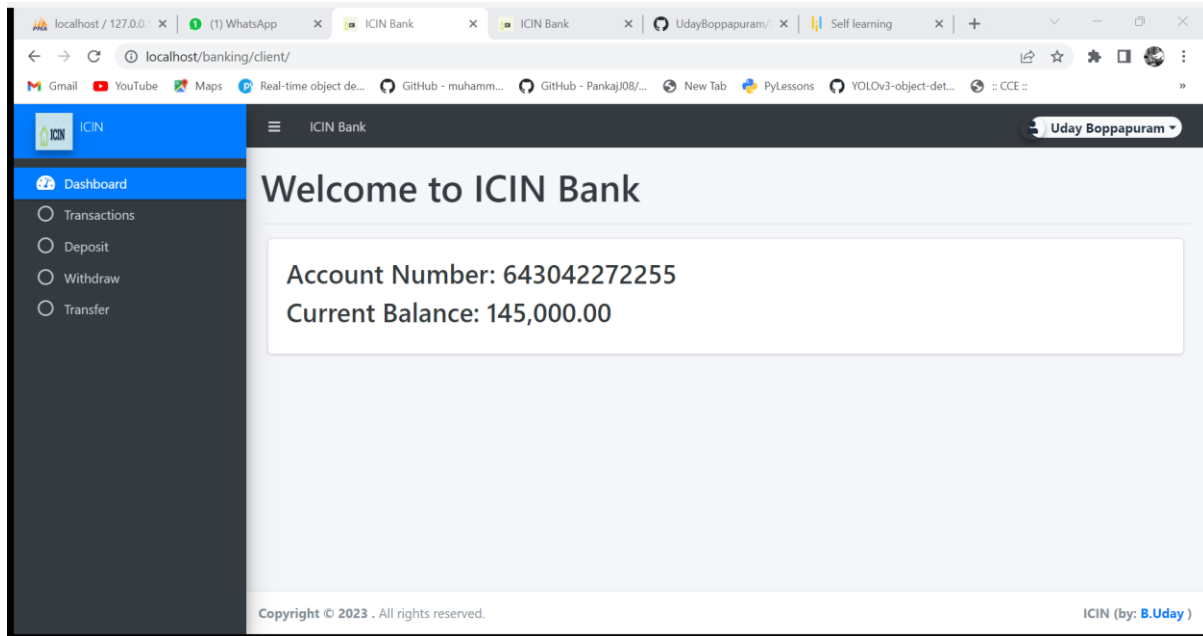
15000

Submit Cancel

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After Transaction remaining balance:



Thank you

--B.Uday.