

# ICIN Bank

## (AN ONLINE BANKING WEB APP)

GITHUB LINK: <https://github.com/AnishAugustin09/ICIN-BANK>

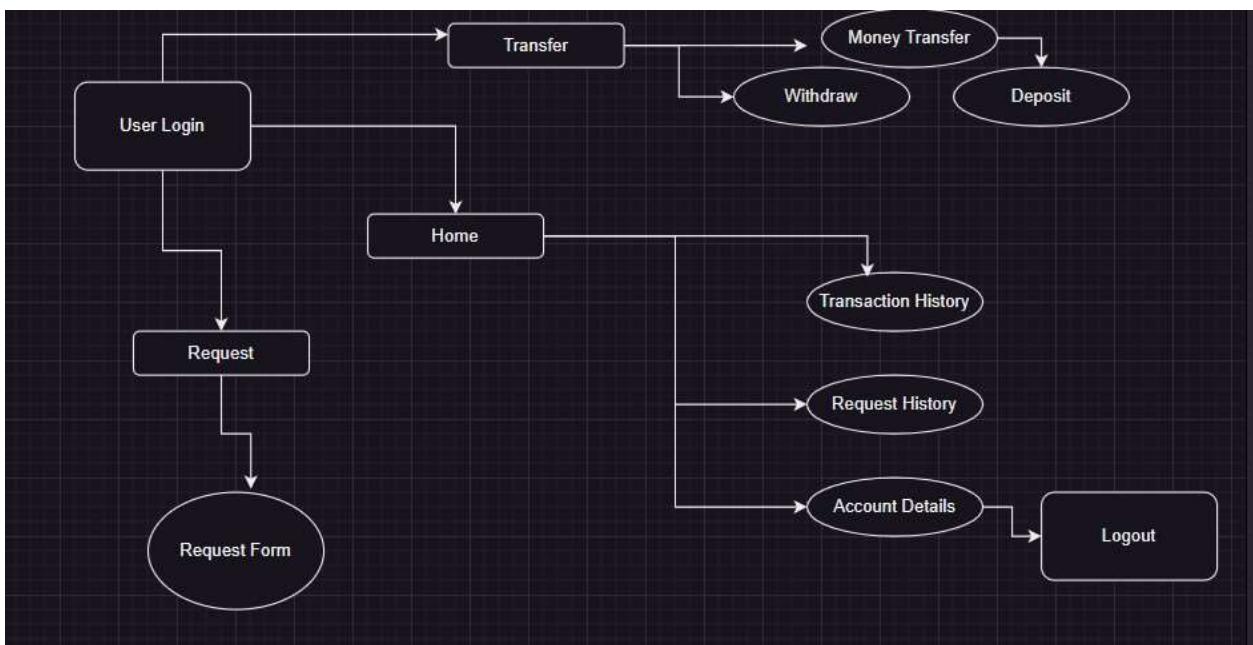
This document contains the:

- [Sprint Planning](#)
- [Flow of Project](#)
- [Concepts used in Project](#)
- [Working on Eclipse IDE](#)
- [Conclusion](#)

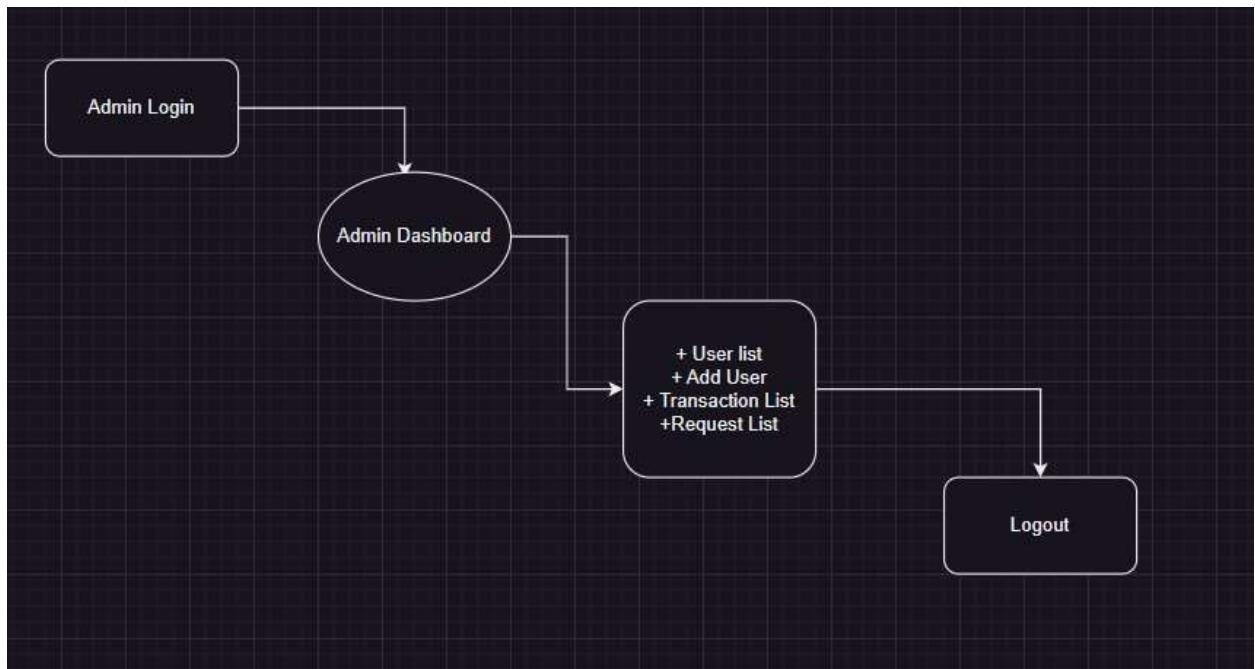
### Sprint Planning:

For this project, I've planned to complete the project in 4 Sprints. And the task is completed according to that. And This is a Full Stack Java Project so Backend & Frontend Technologies used here

### User Flow of Project:



## Admin Flow of Project:



## VS Code:

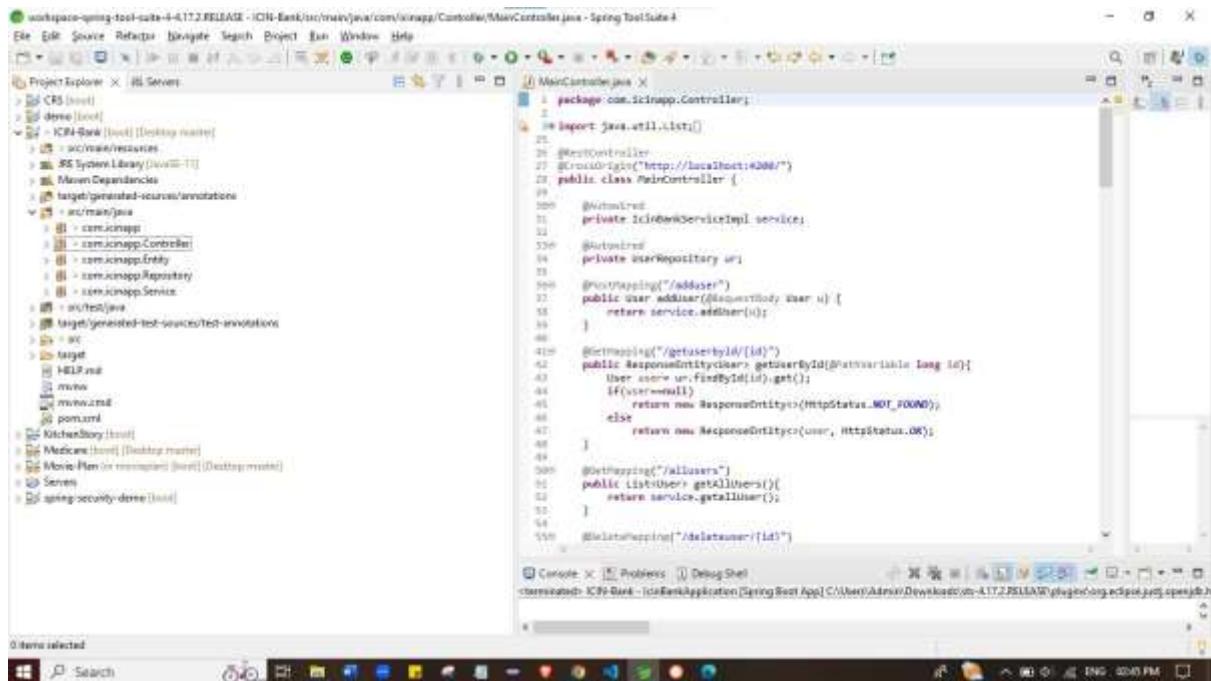
The screenshot shows the VS Code interface with the 'app-routing.module.ts' file open in the center editor tab. The code defines routes for various components, including 'userlogin', 'home', 'profile', 'req', 'requestlist', 'transaction', 'update-request', 'userlist', and 'admin'. The 'admin' route points to the 'AdminDashboardComponent'.

```
import { NgModule } from '@angular/core';
import { RouterModule, Routes } from '@angular/router';

const routes: Routes = [
  { path: 'userlogin', component: UserLoginComponent },
  { path: 'home', component: HomeComponent },
  { path: 'profile', component: ProfileComponent },
  { path: 'req', component: ReqComponent },
  { path: 'requestlist', component: RequestlistComponent },
  { path: 'transaction', component: TransactionComponent },
  { path: 'update-request', component: UpdateRequestComponent },
  { path: 'userlist', component: UserlistComponent },
  { path: 'admin', component: AdminComponent },
  { path: 'adminDashboard', component: AdminDashboardComponent },
  { path: 'userlist', component: UserlistComponent },
  { path: 'transactionList', component: TransactionListComponent },
  { path: 'requestList', component: RequestlistComponent },
  { path: 'blockUserList', component: BlockUserComponent },
  { path: 'updateReqList', component: UpdateReqListComponent },
  { path: '**', component: UserLoginComponent }
];

@NgModule({
  imports: [RouterModule.forRoot(routes)],
  exports: [RouterModule]
})
export class AppRoutingModule { }
```

# Spring Boot:



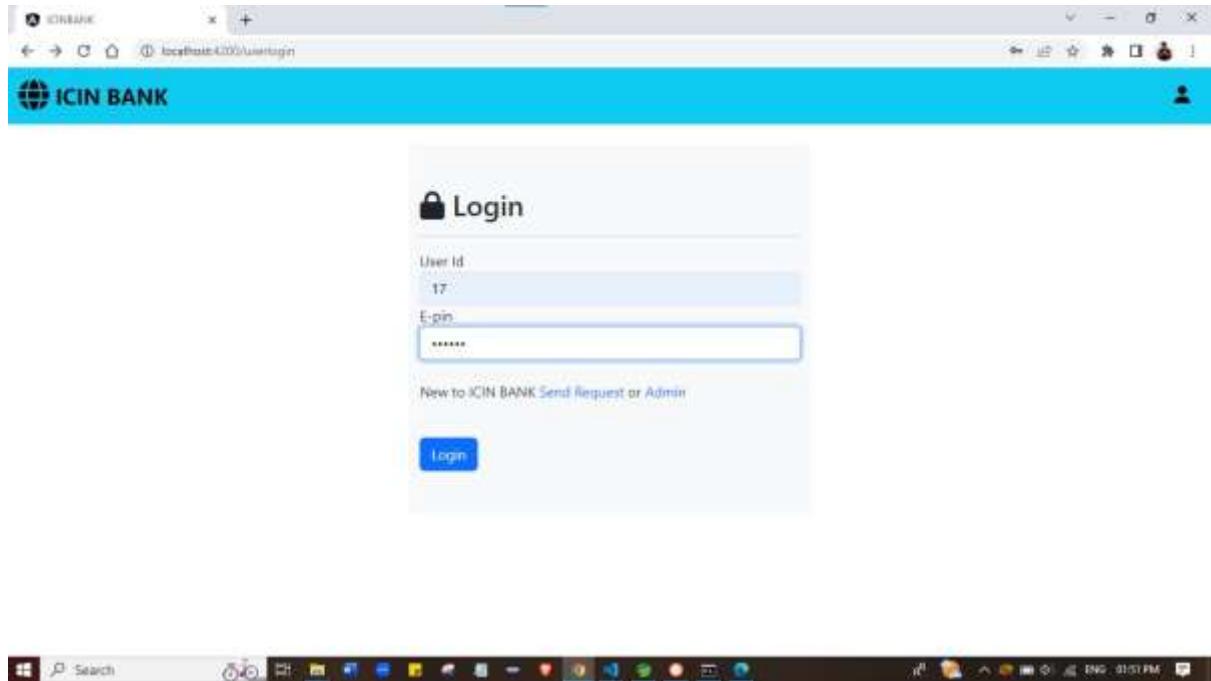
The screenshot shows the Spring Tool Suite 4 interface with the MainController.java file open in the editor. The code implements a RESTful API for managing users. It includes methods for adding, getting, updating, and deleting users. The code uses annotations like @RestController, @GetMapping, and @DeleteMapping. It also imports classes from the com.lcicapp package and the java.util.List class.

```
1 package com.lcicapp.Controller;
2
3 import java.util.List;
4
5 @RestController
6 @RequestMapping("http://localhost:4000/")
7 public class MainController {
8
9     @Autowired
10    private IciNewServiceimpl service;
11
12    @Autowired
13    private Userrepository ur;
14
15    @GetMapping("/adduser")
16    public User adduser(@RequestBody User u) {
17        return service.adduser(u);
18    }
19
20    @GetMapping("/getuserbyId/{id}")
21    public User getuserbyId(@PathVariable Long id) {
22        User user = ur.findById(id).get();
23        if(user==null)
24            return new ResponseEntity<User>(HttpStatus.NOT_FOUND);
25        else
26            return new ResponseEntity<User>(user, HttpStatus.OK);
27    }
28
29    @GetMapping("/allusers")
30    public List<User> getAllusers() {
31        return service.getAlluser();
32    }
33
34    @DeleteMapping("/Deleteuser/{id}")
35}
```

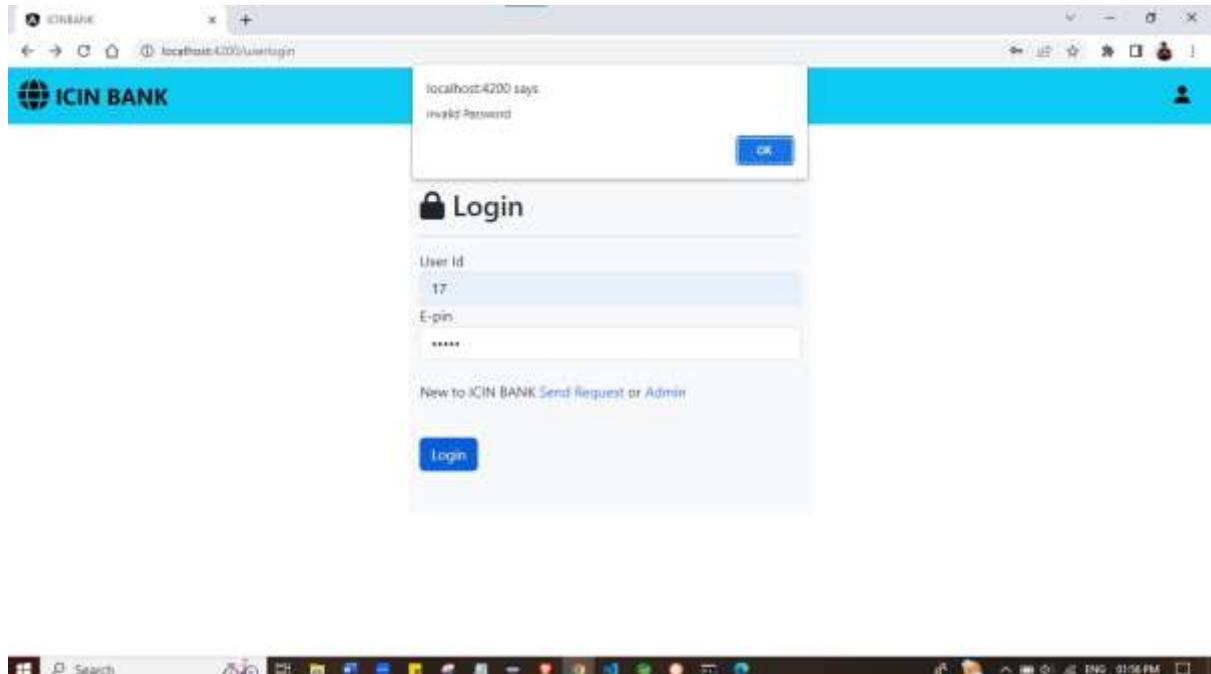
## Concepts used in Project:

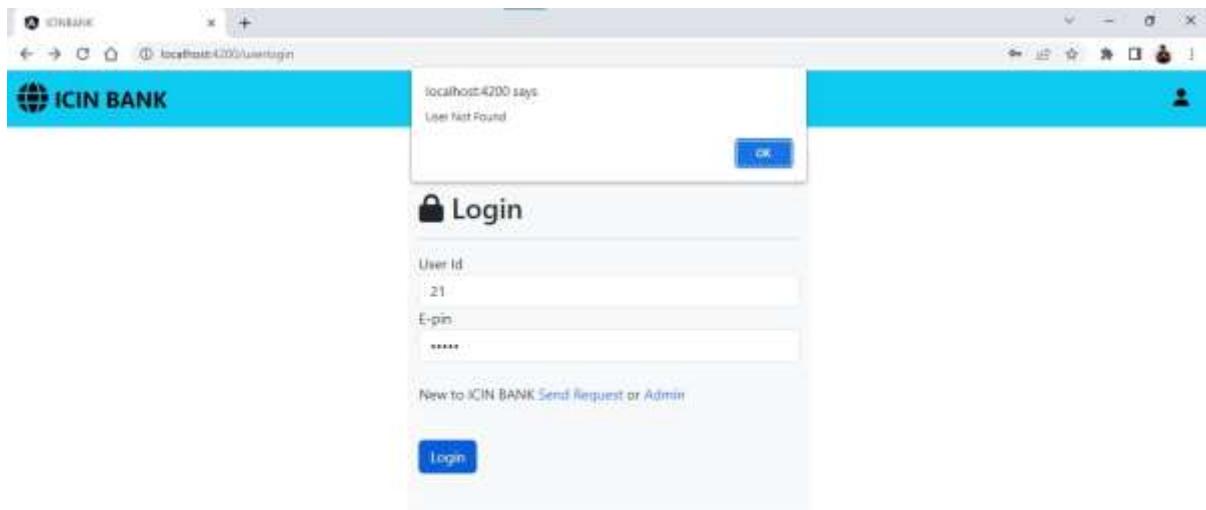
- HTML, CSS & JS
- ANGULAR
- JAVA , API, MAVEN
- SQL DATABASE
- SPRING TOOL SUITE 4
- Tomcat Server 9.0
- Git & Github
- POSTMAN
- VS Code

## Login page:

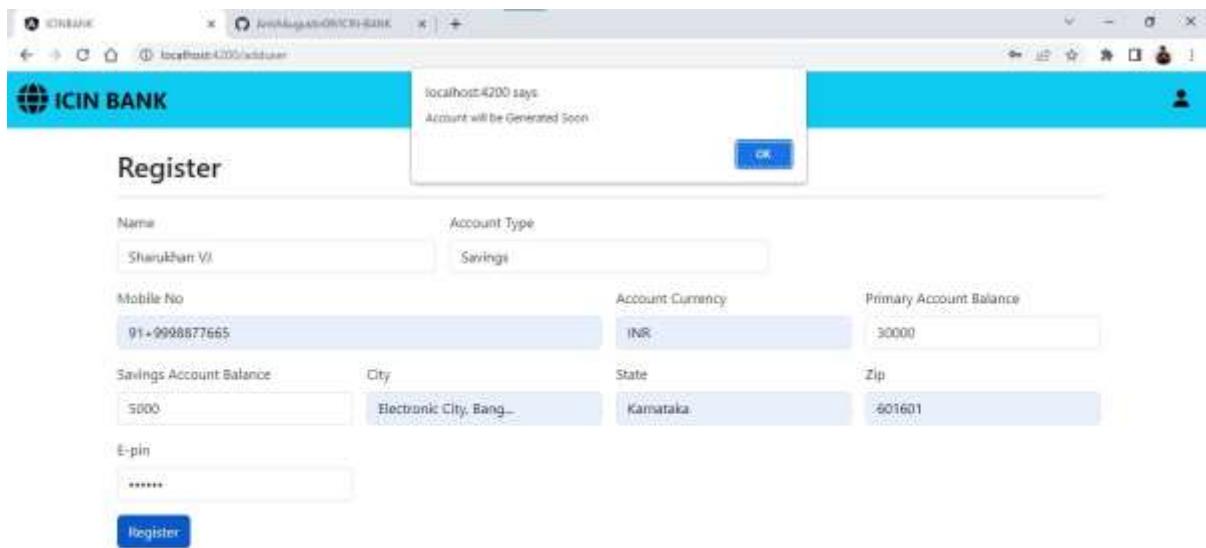


## Login validation:





## Register page:



## Home page:

The screenshot shows a web browser window for 'ICIN BANK' at 'localhost:4200/home'. The header includes the bank logo and navigation links for 'Home', 'Transfer', and 'Request'. The main content displays account information for 'Anish Augustin C' with account number 100988776655, account type Savings, primary amount 20000, and savings amount 8000. A 'View details' button is present. Below this is a 'Transaction History' section with a table:

ID	Receiver Account	Account Holder Name	Amount	Notes	Operation
27	908070605040	Rohith Sharma	2000	Flat Rent.	<button>Resend</button>

### Transaction History

ID	Receiver Account	Account Holder Name	Amount	Notes	Operation
27	908070605040	Rohith Sharma	2000	Flat Rent.	<button>Resend</button>

The screenshot shows a second instance of the 'ICIN BANK' home page at 'localhost:4200/home'. The layout is identical to the first, displaying account information for 'Anish Augustin C' and a transaction history table.

### Transaction History

ID	Receiver Account	Account Holder Name	Amount	Notes	Operation
27	908070605040	Rohith Sharma	2000	Flat Rent.	<button>Resend</button>

### Request History

ID	Account Holder	Account Number	Notes	Status
28	Anish Augustin C	100988776655	Request for Cheque Book.	



## Profile:

My Profile

Name	Account Number	Account Type
Anish Augustin C	50100360590042	Savings
Mobile No	Account Currency	Account Balance
91+9998877665	INR	10000
City	State	Zip
Coimbatore south	Tamil Nadu	641048

**Logout**

## Logout:

localhost:4200 says  
Logout Success

**OK**

My Profile

Name	Account Number	Account Type
Anish Augustin C	1009988776655	Savings
Mobile No	Account Currency	Account Balance
91+9998877665	INR	5000
City	State	Zip
Coimbatore south	Tamil Nadu	641048

**Logout**

## Money Transfer :

A screenshot of a web browser window titled "ICIN BANK". The URL bar shows "localhost:4200/transfer". The main content area is titled "Send Money". It contains the following fields:

- Account Number:
- Re-Enter Account Number:  (Value: 90007060504)
- Account Holder Name:  (Value: Rohith Sharma)
- Enter Amount:  (Value: 2000)
- E-pin:
- Note:  (Value: Flat Rent)

At the bottom left is a blue "Send" button.

## Deposit :

A screenshot of a web browser window titled "ICIN BANK". The URL bar shows "localhost:4200/transfer". The main content area is titled "Deposit Money". It contains the following fields:

- Account Holder Name:  (Value: Anish Augustin C)
- Account Number:  (Value: 1009988776655)
- Enter Amount:
- E-pin:
- Note:  (Value: Leave a text here.)

At the bottom left is a blue "Send" button.

## Withdraw Money :

A screenshot of a web browser window titled "ICIN BANK". The URL is "localhost:4200/transfer". The page contains a "Leave a text here" input field and a "Send" button. Below this, the title "Withdraw Money" is displayed. The form includes fields for "Account Holder Name" (Anish Augustin C), "Account Number" (1009988776655), "Enter Amount", "E-pin", and "Note". Each field has a corresponding "Leave a text here" input area below it. A "Send" button is located at the bottom left of the form.

## Request :

A screenshot of a web browser window titled "ICIN BANK". The URL is "localhost:4200/req". A modal dialog box is open, displaying the message "localhost:4200 says Request Submitted" with an "OK" button. The main page shows a "Request" section with fields for "Account Holder Name" (Anish Augustin C), "Account Number" (1009988776655), and "Note" (Request for Cheque Book). A "Send" button is located at the bottom left of the request form. The browser's taskbar at the bottom shows various open tabs and system icons.

## Admin Login :

The screenshot shows a web browser window with the title bar "ICIN BANK" and the URL "localhost:4200/admin/login". The main content area is titled "Admin Login" with a lock icon. It contains two input fields: "Admin Email" with the value "admin@gmail.com" and "Password" with masked input. Below the fields is a message: "Only Authorized user can access this page". At the bottom is a blue "Login" button.

## Admin Dashboard:

The screenshot shows a web browser window with the title bar "ICIN BANK" and the URL "localhost:4200/admin/dashboard". The main content area starts with "Welcome Admin" and "ICIN Bank Application Progress below". Below this are five navigation links: "User-List", "Add-User", "Transaction-List", "Request-List", and "Logout".

## User-List

ICIN BANK

Users

ID	Owner name	Account Number	Mobile Number	Account Type	Savings Amount	Primary Amount	Operation
25	Rachel Swetha	0	91+9998877665	Savings	2000	1000	<button>Block</button>
26	Anish Augustin C	1009988776655	91+9998877665	Savings	5000	20000	<button>Block</button>

## Transaction-List :

ICIN BANK

Transaction list

ID	Sender Account	Receiver Account	Account Holder	Amount	Notes	Operation
27	1009988776655	900070605040	Robith Sharma	2000	Flat Rent	<button>View</button>
29	1009988776655	90007060600	Veera Raghavan	3000	Send To Veera	<button>View</button>

Screenshot of a web browser showing a transaction success message.

localhost:4200 says  
Transaction success

Send Money

Account Number  
\*\*\*\*\*

Re-Enter Account Number  
90007060600

Account Holder Name  
Veera Raghavan

Enter Amount  
3000

E-pin  
\*\*\*\*\*

Note  
Send To Veera

**Send**

Windows taskbar at the bottom.

## Request-List :

Screenshot of a web browser showing a list of requests.

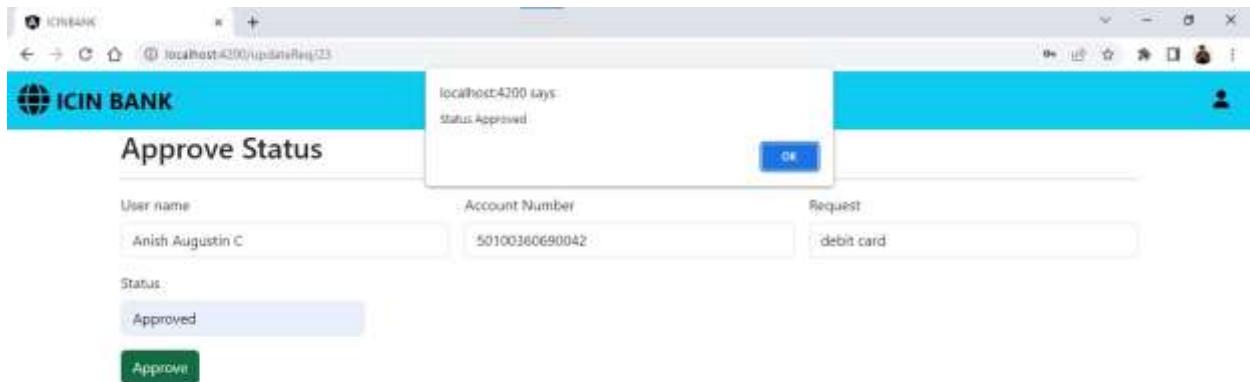
localhost:4200/transfer

Request List

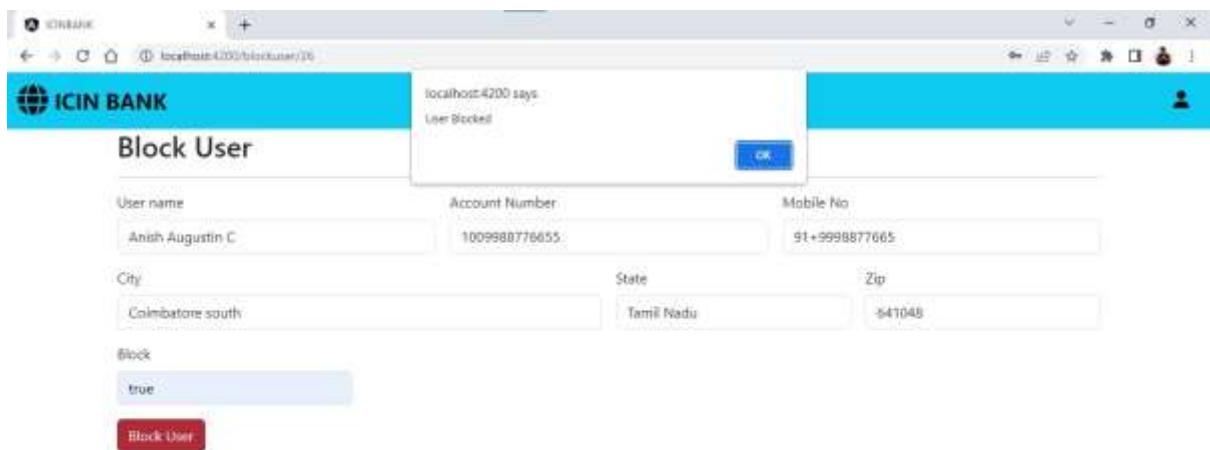
ID	Owner Name	Account Number	Request	Status	Operation
14	Anish Augustin C	50100360690042	Request for cheque book	Approved	<b>Approve</b>
23	Anish Augustin C	50100360690042	debit card		<b>Approve</b>
28	Anish Augustin C	1009988776655	Request for Cheque Book		<b>Approve</b>

Windows taskbar at the bottom.

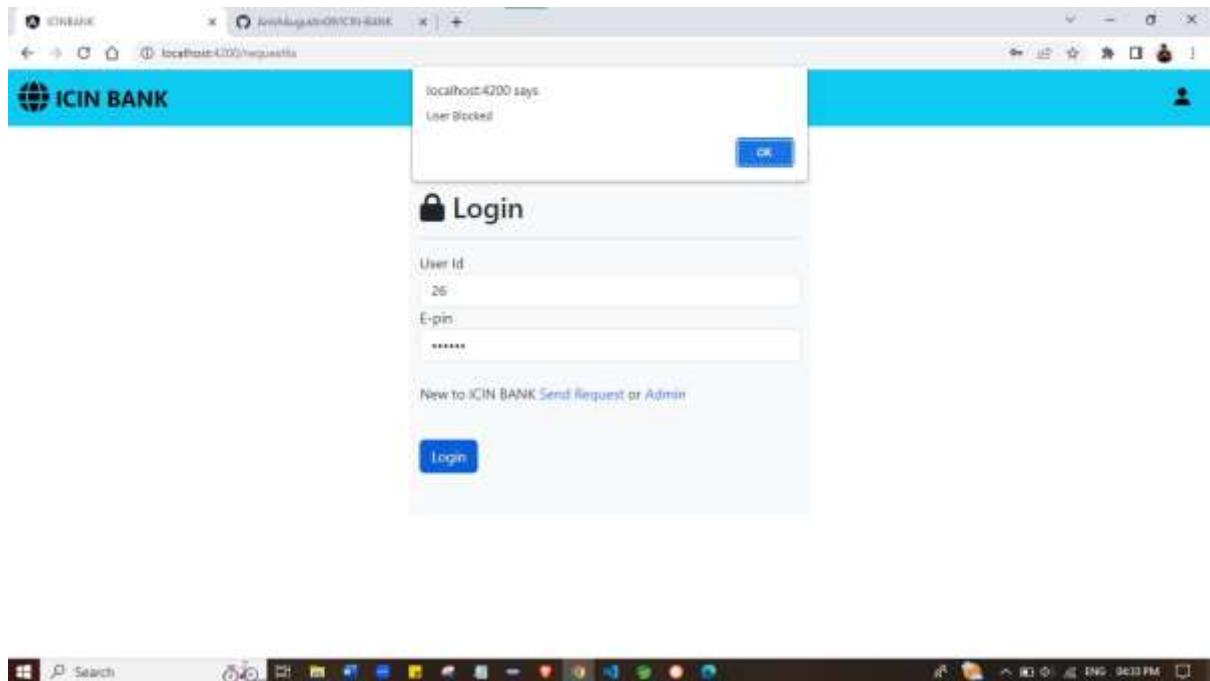
## Request Update :



## Block User :



## Blocked :



## FINAL SETTING : Upload files to GitHub Repository

- Open your command prompt and navigate to the folder where you have created your files.
- `cd <folder path>`
- Initialize repository using the following command:
- `git init`
- Add all the files to your git repository using the following command:
- `git add .`
- Commit the changes using the following command:
- `git commit . -m <commit message>`
- Push the files to the folder you initially created using the following command:
- `git push -u origin master`

## **Unique Selling Points:**

1. This application is used to store & manage the Company products, users & Purchase Record
2. This application will keep on running until user closes the program.
3. It allows the admin to add, update, delete, for the products, Users & Purchase Record.
4. It allows the admin to Update Password, Search Reports by date and Category & Search user by email.

## **Conclusion:**

Further enhancements to the application can be made which may include

To deliver better Front-end.

**THANK YOU**