National Bank Of India

Banking project using servlet and html

Presented by
Name: Rajesh Gajraj

Under the guidance of-
Guide Name: Ms Dheeraj Choudhary
Designation : Java Developer

Login page of nboi project

NBOI - Login Page

○ Customer   ○ Bank Employee

User Name

Password

Login

Open New Account? click
Check your application stutas? check

There are two radio buttons on Nboi login page and user id and password are two fields. Two links are given below the login button.

->From here we are diverted in different directions which are as follows

1. Open new account
2. Check your application status
3. Login as bank employee
4. Login as bank customer

1. Open new account

NBOI Bank Account Opening Form

* First Name:
* Last Name:
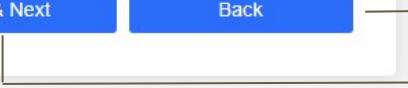
* Father's Name:
* Mother's Name:

* Date of Birth: [dd - mm - yyyy]
* Email Address:

* Mobile Number:

* Aadhar Number:

* PAN Number:

* Account Type: [Saving Account ▾]

[Save & Next] [Back]

In this basic details form, you have to fill your basic details and validation is done in this HTML form as given below.

- It is necessary to fill all these fields.
- Email- must be email formate(ex- abc@gmail.com).
- Mobile - Mobile number is made up of batch numbers from 0 to 9 and length should be 10.
- Aadhar - Aadhar number is made up of batch numbers from 0 to 9 and length should be 12.
- Pan -length should be 10.

When we click on back button we return to Nboi login page.

When you click on Save & Next button, the data of the form gets saved with auto genrated temporary account number and the address details form opens.

NBOI Bank Address Form

Present Address:-

Ward No/Street:	
Colony:	
Village:	
Block:	
City:	
District:	
State:	
Pincode:	

☐ Permanent address same as present address

Ward No/Street:	
Colony:	
Village:	
Block:	
City:	
District:	
State:	
Pincode:	

Save & Next

In this Address form, you have to fill your Persent Address and Permanent Address. validation is done in this HTML form as given below.

- It is necessary to fill all these fields.
- If present address and permanent address is same then click on checkbox (When the checkbox is clicked, the text fields with permanent address get hidden. For this we have used JavaScript on the new checkbox.)

NBOI Bank Address Form

Present Address:-

Ward No/Street:	15
Colony:	naya kuaa
Village:	chala
Block:	neemkathana
City:	neemkathana
District:	neemkathana
State:	rajasthan
Pincode:	332706

☑ Permanent address same as present address

Save & Next

When we click on save&Next button, if the present address and permanent address are different then it gets saved or if it is the same, both the addresses are saved the same. And open next document upload page

NBOI Customer Document Upload

Aadhar Card: [Choose File] No file chosen

PAN Card: [Choose File] No file chosen

Address Proof: [Choose File] No file chosen

Passport Photo: [Choose File] No file chosen

Signature: [Choose File] No file chosen

[Submit Documents]

In this Document upload form, you have to upload your document. It is necessary to upload all these fields.

When we upload all the documents and click on submit button, a folder is created in the name of the customer at the documents D:\NBOI_document location, all the uploaded documents are saved in that folder and the path of the documents is stored in the DB.Next page open

Banking Application

☐ Issue Checkbook

☐ Issue ATM

☐ Issue Credit Card

Final Submit

in this page if you want to generate atm, checkbook and credit card tab click on checkbox

Pop-up

localhost:13964 says

Your Application is successfully submited. Your Temporary Account Number:11022770015 and Password is: RAJE2024

OK

When we click on the submit button, the new account opening form is completely completed. Then some tasks are performed such as

- In db, the default value of form fill completely is saved as false and by updating it, the true value is saved.
- A pop will be generated in which temp ac number and temp password will be shown.
- generate temporary account number from last number of table to next number
- Temporary password auto generated using first name's first 4 character with capital later and date of birth's year(yyyy)

Account opening request will go to Assistant Manager

assistant manager can approve/reject account opening request

The request for approval will be passed to the bank manager. The manager can approve or reject the opening request.

The rule/work for Assistant Manager and Manager has been given in this PPT.

2. Check your application status

Check Application Status

Temporary Account Number:

[   ]

Date of Birth:

[dd - mm - yyyy   📅]

Password:

[   ]

[Check Status]   [Back]

In this Check Application Status form, you have to fill your Temporary details and validation is done in this HTML form as given below.
- It is necessary to fill all these fields.
- Temporary account number is made up of batch numbers from 0 to 9 and length should be 11.

When we click on back button we return to Nboi login page.

- ## When we enter a wrong temp AC number then
  (pop-up :- your application is not available in my record. Please open new account)

  localhost:13964 says

  your application is not available is my record. please open new account!!!

  OK
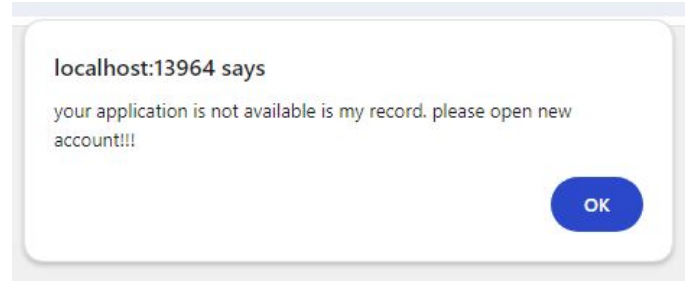
- ## When we enter a wrong Date of Birth then

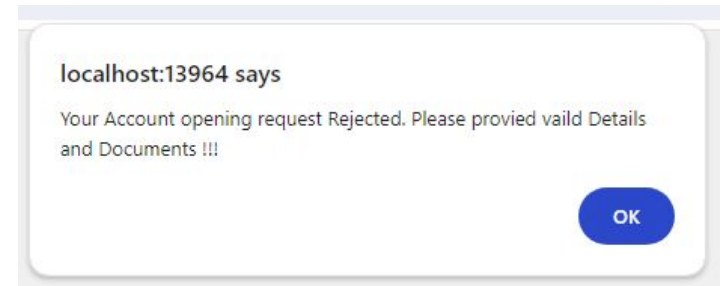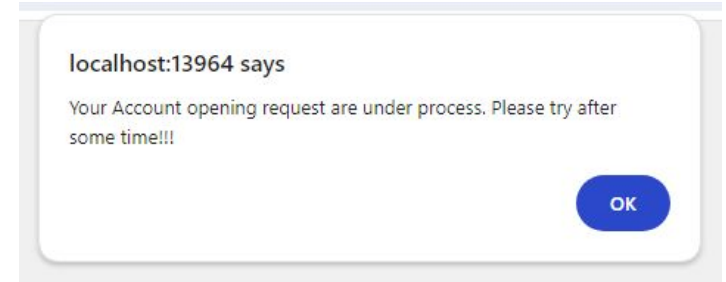 (pop-up :- you Enter wrong date of birth!!!)

  localhost:13964 says

  You Enter wrong Date of Birth!!!

  OK

- ## When we enter a wrong password then
  (pop-up :- you Enter wrong password!!!)

  localhost:13964 says

  You Enter wrong Password!!!

  OK
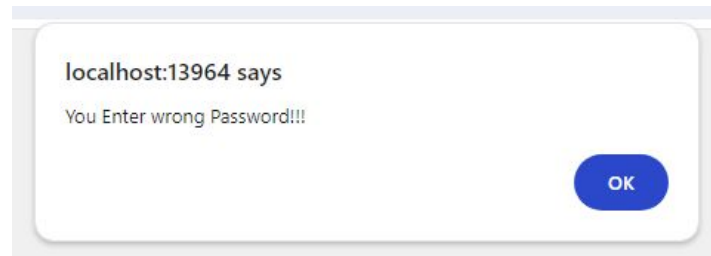
On clicking the OK button of these three popups, the check your application stutas form itself opens.

When you fill all the details correctly in the form and click on the check button then three situations can happen.

- Application Under process

- Application Rejected

localhost:13964 says

Your Account opening request are under process. Please try after some time!!!

OK

localhost:13964 says

Your Account opening request Rejected. Please provied vaild Details and Documents !!!

OK

- Application Accepted

localhost:13964 says

Your Account opening request accepted. Please set User and Password !!!

OK
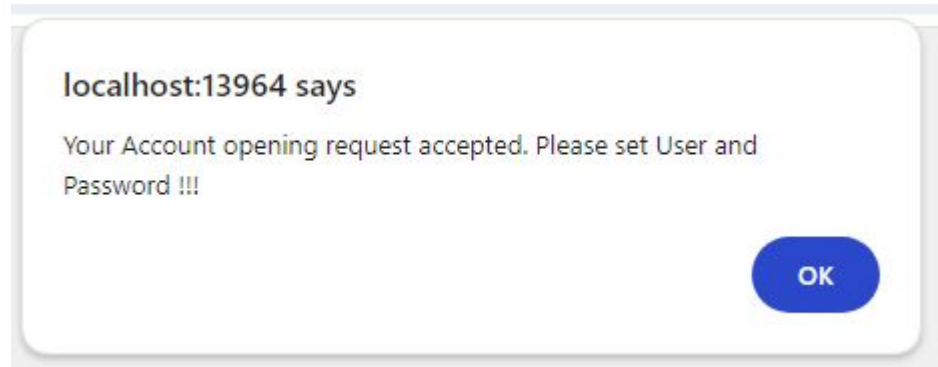
On clicking the OK button of this popup, the Update User Password form itself opens.

Update User Password

New Username:

New Password:

Update

After the account opening request is accepted, it is necessary to set the user name and password so that you can login.

After setting the user name and password, you will not be able to set it again.

- After setting the user name and password, when you click on the update button, the user and password are updated and the popup is generated.

When you click on ok button of popup it redirects you to nboi bank login page.

localhost:13964 says

Your User name and Password updated successfully !!!

OK
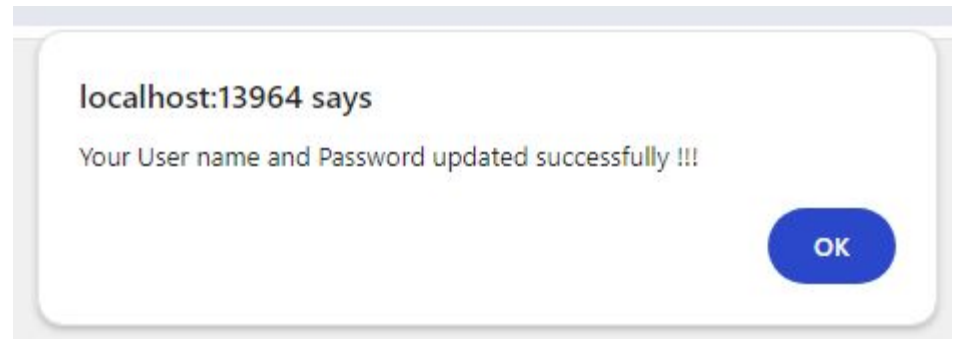
- After setting the user password, when we again check the application through virtual check, we get a popup generated.

localhost:13964 says

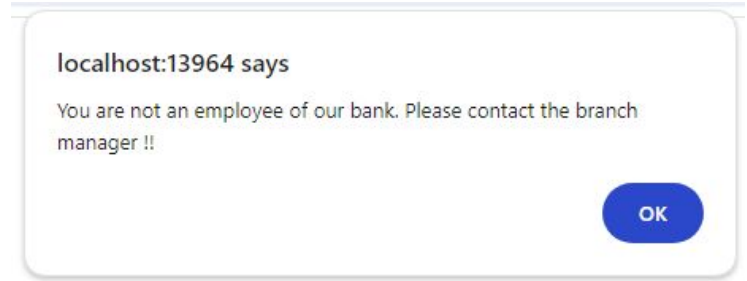You already checked account stutas. please login our site!!!

OK
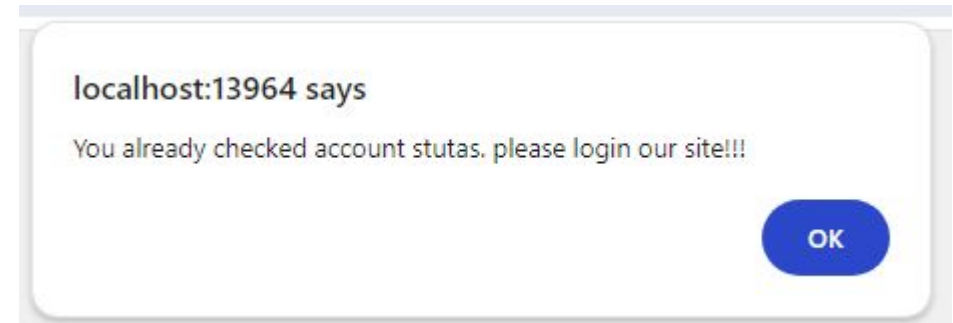
3. Login as Bank Employee

To login as a bank employee, first select the bank employee radio button

Popup generated when radio button is not selected

localhost:13964 says
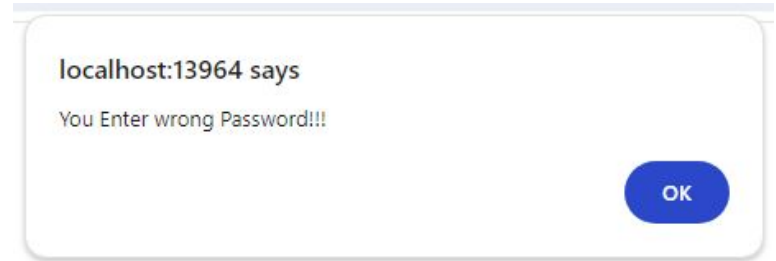
Please Select one from both the options!!!

OK
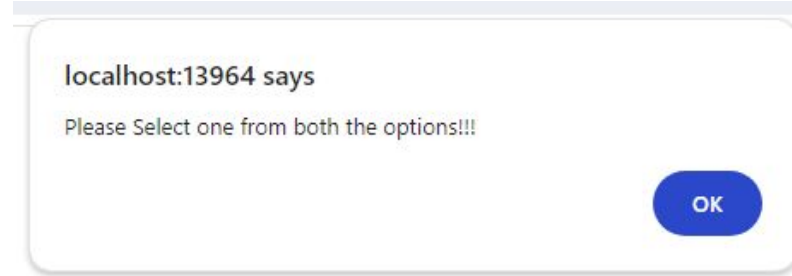
then enter the employee id and password and then click on the login button.

- When you click on the login button And if you are not a bank employee then a popup will show.

localhost:13964 says

You are not an employee of our bank. Please contact the branch manager !!

OK

- And even if the password is wrong the popup will show

localhost:13964 says

You Enter wrong Password!!!

OK

When all the details are correct then NBOI home page opens as shown below.

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Task Manager

Panding Task (6)

Search Account

Search Loan Account

Add New Employee

Show All Loan Account

Show All Account

Below is the list of works that a bank employee can do after logging in.
- Panding task
- Search account
- Search loan account
- Add new Employee
- Show all loan account
- Show all account
- Logout

* Panding task:-

Pending Task is a two type application
- New Account Opening Aplication
- Loan Application

New account opening request pending at assistant manager and manager level is shown. In which auto approval is done from lower hierarchy that only higher hierarchy's pass will show the pending task.

Loan account request pending is shown at clerk, assistant manager and manager level. In which auto approval is done from lower hierarchy so that only pass pending task of higher hierarchy will be shown.
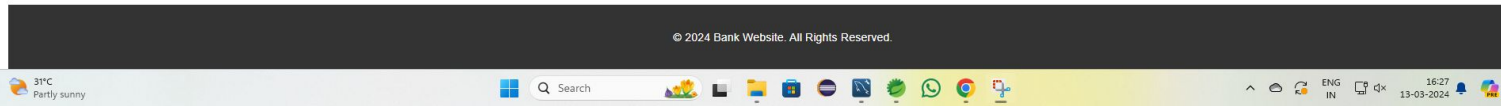

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Welcome rajesh choudhary Ji [Logout]

Task Manager

- Panding Task (6)
- Search Account
- Search Loan Account
- Add New Employee
- Show All Loan Account
- Show All Account
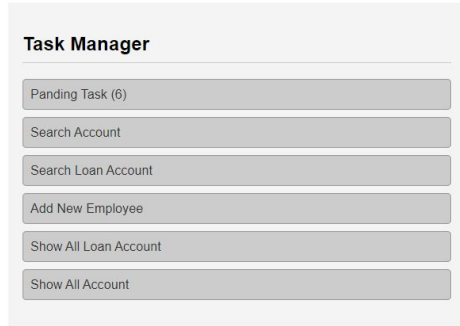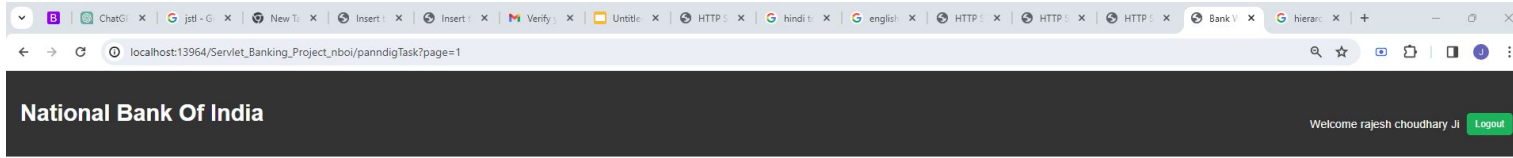
Pannding Task List

Temp A/C Number	Name	DoB	Aadhar	Pan Card	A/C Type	Mobile	Document	Design
11022770002	zxgsd mitharwal	2024-02-26	123456789123	bzzzz1245d	saving	9119112172	View	Approve Reject
11022770004	ramesh gajraj	2024-03-01	869599665544	bzzzz1245o	current	9414445113	View	Approve Reject
11022770008	ramesh gajraj	2024-03-06	869599665544	bzzzz1245o	current	8094208665	View	Approve Reject
11022770009	fdaas asfas	2024-03-05	123456789123	bzzzz1245o	current	9119112172	View	Approve Reject
11022770010	ravi tandan	1993-03-03	869599665545	bzzzz1245o	saving	9966448855	View	Approve Reject
11022770014	ramesh mitharwal	2024-03-13	123456789123	bzzzz1245d	saving	8094208666	View	Approve Reject

1

When we click on view link

then open a document view page

When we click on approve link then file will be forwarded to higher hierarchy

And if click on the Reject link then application rejected

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Task Manager

Panding Task (6)

Search Account

Search Loan Account

Add New Employee

Show All Loan Account

Show All Account

Customer Document Details

Aadhar card	Pan Card	Address Prof	Photo	Signature
view	view	view	view	view

When we click on view link then open the selected doucument as below screen given

If you click on Aadhar card view link
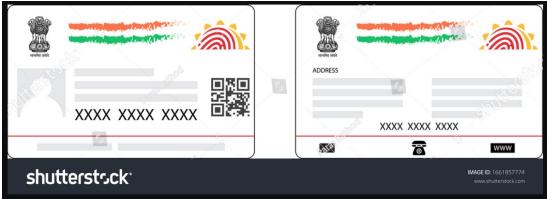
Manager level panding task:-

Managers have two types of pending tasks-   1.Account opening 2. Loan approve

1. Account opening:-   if manager approves the account opening request then Permanent account number is allotted to the customer and the minimum balance for opening a new account is Rs 10000 credited. permanent account number is given to the next number from the last account number of db.

2. Loan Application:-   When the manager approves the loan application, the system checks that our customer's remaining loan amount and applied loan amount + interest total is equal or less than Rs 10 lakh, then the loan will be approved else a popup will be shown in which click on the OK button then file gets rejected.
    Once the loan file is approved, the loan account number will be generated and Which is the last loan number of the present last loan account number and the next number will be provided in the database.Once the loan is approved, the loan amount will be credited to the customer's account with transaction history and loan amount and interest will be added to the loan account and the remaining loan amount balance will be updated

→   When the customer has paid the total loan amount, the loan account is automatically closed. Customer's closed loan account also shows with current status closed

* Search account :-
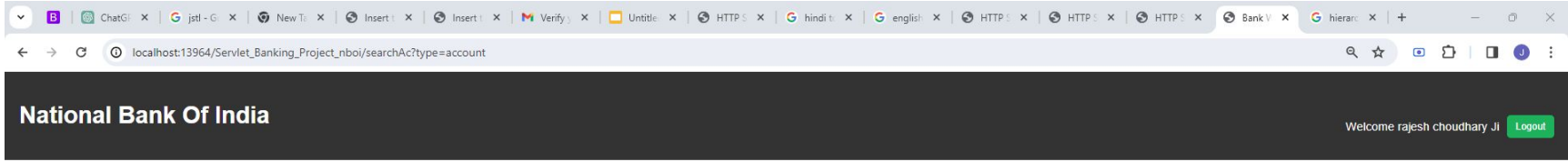
National Bank Of India

Welcome rajesh choudhary Ji   Logout

Task Manager

Panding Task (6)

Search Account

Search Loan Account

Add New Employee

Show All Loan Account

Show All Account

Search Account Details

Enter Account Number:

Enter Account Number

Get Basic Details   Get Account Transaction

Account number is made up of batch numbers from 0 to 9 and length should be 11.

If the account of this account number is Percent in our bank then a new interface will open.

localhost:13964 says

this is not our Bank customer !!!

OK

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Get basic details button output with not editable

Personal Details

Account Number:
33022770003

Name:
rajesh mitharwal

Father's Name:
harphool

Mother's Name:
mewa

Date of Birth:
2024-03-10

Email:
rajeshgajraj911@gmail.com

Mobile:
9119112172

Aadhar:
123456789123

PAN Card:
bzzzz1245d

Account Type:
saving

User ID:
rajesh

Current Balance:
₹10000

Parmanent Address:
15,naya kuaa,chala,neemkathana,neemkathana,neemkathana,rajasthan,332706

Persent Address:
15,naya kuaa,chala,neemkathana,neemkathana,neemkathana,rajasthan,332706

Go Back

Get ac transction button output with pagination

National Bank Of India

Welcome rajesh choudhary Ji   Logout

Task Manager

Panding Task (6)

Search Account

Search Loan Account

Add New Employee

Show All Loan Account

Show All Account

Account Transction History

Account Number	Credit	Debit	Transction ac	Balance	Date & Time
33022770001	50000	0	77022770001	50000	2024-02-23 12:14:04.0
33022770001	0	100	77022770001	59900	2024-02-23 12:23:20.0
33022770001	0	2000	Cash	57900	2024-02-23 12:23:30.0
33022770001	0	450	mobile recharge	57450	2024-02-23 12:23:39.0
33022770001	0	10	77022770001	57440	2024-02-23 12:26:19.0
33022770001	0	100	Cash	57340	2024-02-23 12:26:26.0
33022770001	0	200	electrict	57140	2024-02-23 12:26:32.0
33022770001	0	10	38011770006	57130	2024-02-23 12:45:56.0
33022770001	0	500	Cash	56630	2024-02-23 12:46:06.0
33022770001	0	1000	bike chalan pay	55630	2024-02-23 12:46:26.0

1

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*Search loan account :-

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Welcome rajesh choudhary Ji   Logout

Task Manager

- Panding Task (6)
- Search Account
- Search Loan Account
- Add New Employee
- Show All Loan Account
- Show All Account

Search Account Details

Enter Account Number:

Enter Account Number

Get Basic Details   Get Account Transaction

Loan Account number is made up of batch numbers from 0 to 9 and length should be 11.

If the account of this account number is Percent in our bank then a new interface will open.

localhost:13964 says

this is not our Bank customer !!!

OK

Personal Details

Account Number:
33022770003

Name:
rajesh mitharwal

Father's Name:
harphool

Mother's Name:
mewa

Date of Birth:
2024-03-10

Email:
rajeshgajraj911@gmail.com

Mobile:
9119112172

Aadhar:
123456789123

PAN Card:
bzzzz1245d

Account Type:
saving

User ID:
rajesh

Current Balance:
₹10000

Parmanent Address:
15,naya kuaa,chala,neemkathana,neemkathana,neemkathana,rajasthan,332706

Persent Address:
15,naya kuaa,chala,neemkathana,neemkathana,neemkathana,rajasthan,332706

Go Back

National Bank Of India

Welcome rajesh choudhary Ji   Logout

Task Manager

Panding Task (6)

Search Account

Search Loan Account

Add New Employee

Show All Loan Account

Show All Account

Account Transction History

Account Number	Credit	Debit	Transction ac	Balance	Date & Time
77022770001	50000	0	33022770001	60000	2024-02-23 12:14:04.0
77022770001	100	0	33022770001	0	2024-02-23 12:23:20.0
77022770001	10	0	33022770001	0	2024-02-23 12:26:19.0

1

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Task Manager

Panding Task (6)

Search Account

Search Loan Account

Add New Employee

Show All Loan Account

Show All Account

Add New Employee

Enter Employee Id:

Enter Employee Id

Enter Name:

⚠ Please fill out this field.

Enter Name

Enter Email Id:

Enter Email Id

Select Gender:

Male

Select Post:

Manager

Enter Password:

Enter Password

Enter Mobile Number:

Enter Mobile Number

Add Employee

==Bank manager can add employee==

*show all loan accounts:-

National Bank Of India

Welcome rajesh choudhary Ji   Logout

Task Manager

- Panding Task (6)
- Search Account
- Search Loan Account
- Add New Employee
- Show All Loan Account
- Show All Account

Loan Account List

Loan A/C Number	Loan Amount	Remining Amount	Remining Emi
77022770001	50000	55890	11

When you click on Show All Loan Account button, then show details of all Nboi Loan accounts are shown with pagination.

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*show all account :-

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Welcome rajesh choudhary Ji   Logout

Task Manager

| Panding Task (6) |
| Search Account |
| Search Loan Account |
| Add New Employee |
| Show All Loan Account |
| Show All Account |

Account Transction History

Account Number	Customer Name	Account Type	Balance
33022770001	ramesh mitharwal	saving	55630
33022770004	mukesh gajraj	current	10000
33022770005	jitu sharma	current	10000
33022770002	parkash gajraj	saving	10000
33022770003	rajesh mitharwal	saving	10000

1

When you click on Show All Accounts button, then details of all Nboi accounts are shown with pagination.

➤ When we click on the logout button, we log out and come to the Nboi login page.

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4. Login as Bank Customer

To login as a bank customer, first select the customer radio button

Popup generated when radio button is not selected   →

localhost:13964 says

Please Select one from both the options!!!

OK

then enter the user id and password and then click on the login button.
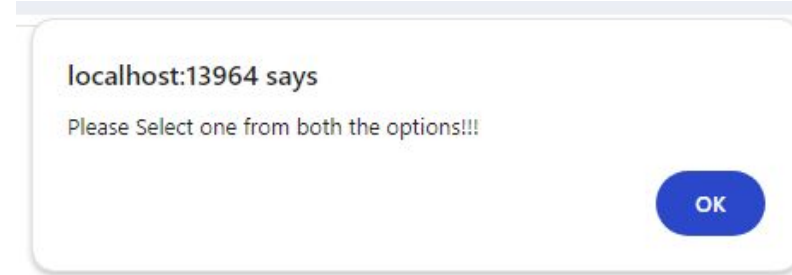
- When you click on the login button
  And if you are not a bank customer then a popup will show.

localhost:8080 says

Either you do not have an account with our bank or your account opening request has not been accepted.
 Please check your details.!!!!!

OK

- And even if the password is wrong the popup will show

localhost:13964 says

You Enter wrong Password!!!

OK
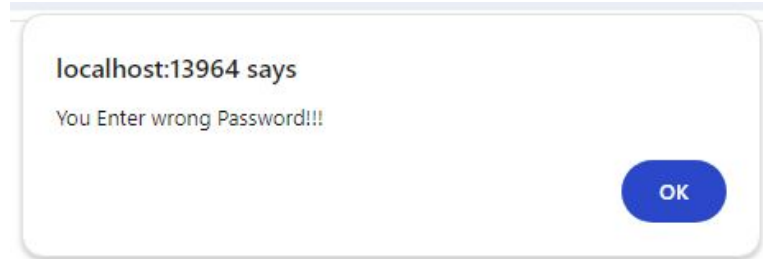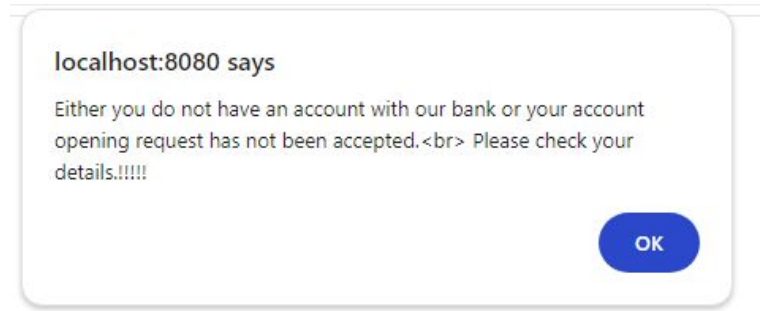
When all the details are correct then NBOI customer home page opens as shown below.

National Bank Of India

Welcome ramesh mitharwal Ji   Logout

Our Services

Personal Details

Transaction History Download

Fund Transfer

ATM Withdrawal

Apply For Loan

Bill Payment

Account Details

Account Number	Balance	Transaction
33022770001	55630	View Transactions

Loan Account Details

Loan Account Number	Remining Balance	Transaction
77022770001	55890	View Transactions

If click on view Transactions link then show last 10 transaction of ac

After login the customer can perform the following tasks.
- View transction history
- Update personal details
- Transction history download
- Fund transfer
- ATM withdrawal
- Apply for Loan
- Bill payment
- Logout

- ● View transction history:-

    If click on view Transactions link then show last 10 transaction of ac

National Bank Of India

Welcomeramesh mitharwal Ji [Logout]

Our Services

| Personal Details |
| Transaction History Download |
| Fund Transfer |
| ATM Withdrawal |
| Apply For Loan |
| Bill Payment |

Account Transction History

Account Number	Credit	Debit	Transction ac	Balance	Date & Time
33022770001	0	2000	78022770005	53416	2024-03-15 12:56:40.0
33022770001	0	2	38011770006	55416	2024-03-15 12:56:29.0
33022770001	0	100	Cash	55418	2024-03-15 12:56:21.0
33022770001	0	12	electrict	55518	2024-03-15 12:56:08.0
33022770001	0	100	38011770006	55530	2024-03-15 12:54:52.0
33022770001	0	1000	bike chalan pay	55630	2024-02-23 12:46:26.0
33022770001	0	500	Cash	56630	2024-02-23 12:46:06.0
33022770001	0	10	38011770006	57130	2024-02-23 12:45:56.0
33022770001	0	200	electrict	57140	2024-02-23 12:26:32.0
33022770001	0	100	Cash	57340	2024-02-23 12:26:26.0

- ## Update personal details:-

  When you click on the personal details then a new interface opens in which you can update father name, mother name, email id, mobile number and percent address, all other fields are not editable.

When you click on Save & Go Back button then Customer's personal details get updated and a popup is shown.

localhost:13964 says

Your personal details update successfully!!!

OK

When you click on ok button of popup
it redirects you to nboi bank login page.

- Transction history download :-

When you click on Downlode Transction History button then Transaction history of the customer's primary account is downloaded and saved at the d:statement location and will be shown in a popup generated
.

localhost:13964 says

Statement Downloaded at 'D:Statements'!!!

OK

When you click on ok button of popup
it redirects you to nboi bank login page.

- # Fund transfer:-

If click on view Transactions link then show last 10 transaction of ac
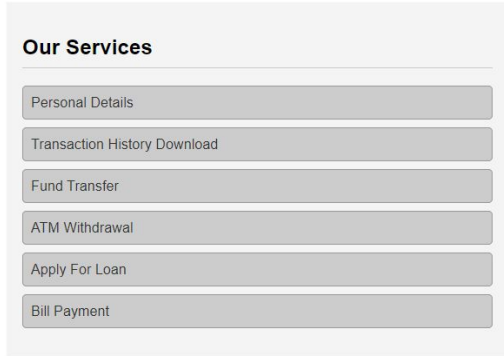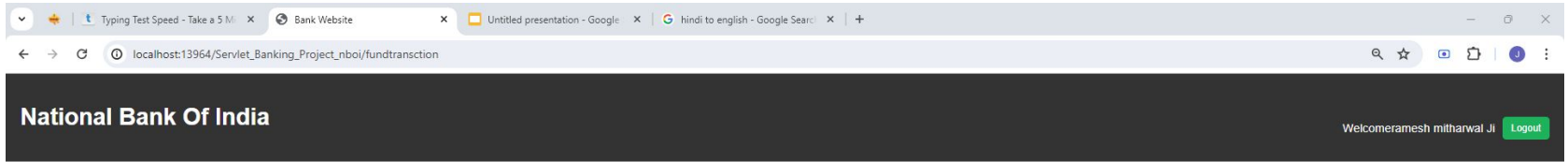
after enter the account number and amount then click on the submit button Or the amount is transferred to that account and a transaction is created in the transaction history of both accounts and the balance is updated.

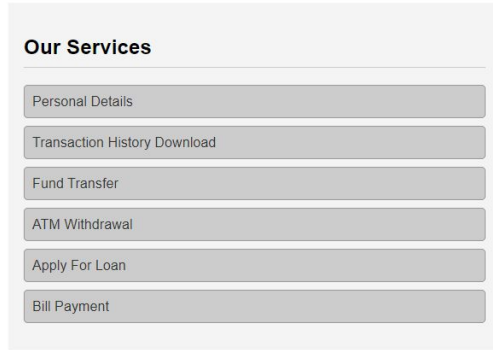- ## ATM Withdrawal :-

If click on ATM Withdrawal button then opens as shown below.
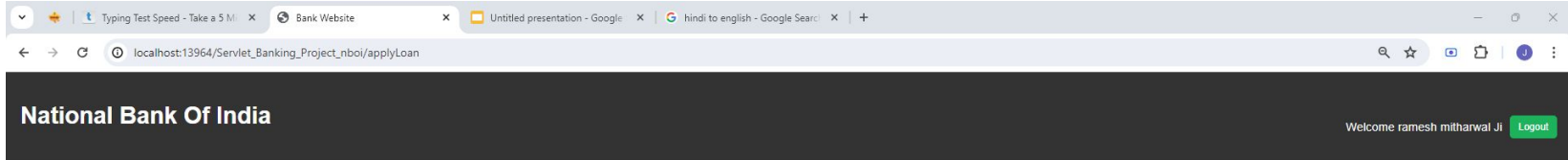

after enter the amount then click on the withdraw amount button a transaction is created in the transaction history of account and the balance is updated.

- # Apply For Loan :-

  If click on Apply for loan button then opens as shown below.

  When we enter loan type, duration of loan and amount then click on submit button to request loan application. Loan requests are waiting for bank employees.

- # Bill Payment :-

When we enter Bill type and amount then click on submit button a transaction is created in the transaction history of account and the balance is updated.

When we click on the logout button, we log out and come to the Nboi login page.

Thank You