

User Documentation: Welcome to Bank Management System

This documentation offers guidance for customers on utilizing the available features.

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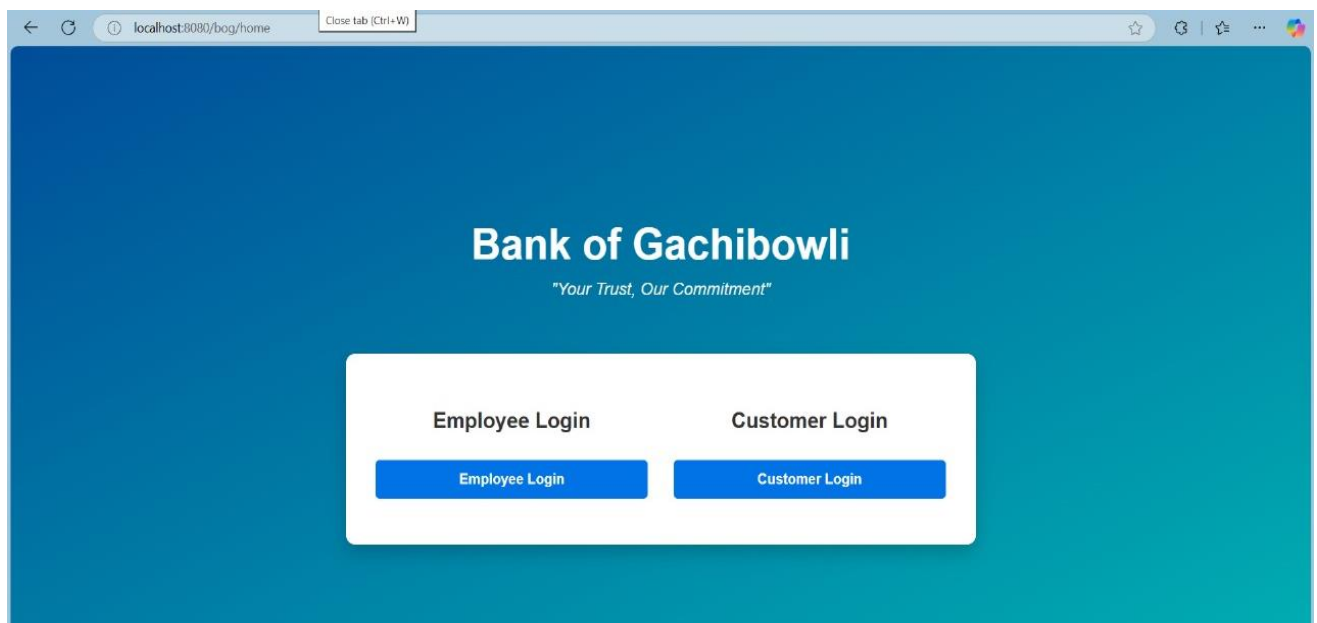
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1. Introduction

The Bank Management System is a web-based application designed to simplify and automate core banking operations. Built with Java using the Model-View-Servlet (MVS) architecture, it offers secure, efficient features for both employees and customers. Employees can manage customer records, transactions, and overdrafts, while customers can access self-service features like balance inquiries, fund transfers, and transaction history. The system incorporates advanced security measures, such as session management and hashed passwords, ensuring data integrity and confidentiality. Its modular design ensures scalability and ease of use for all stakeholders.

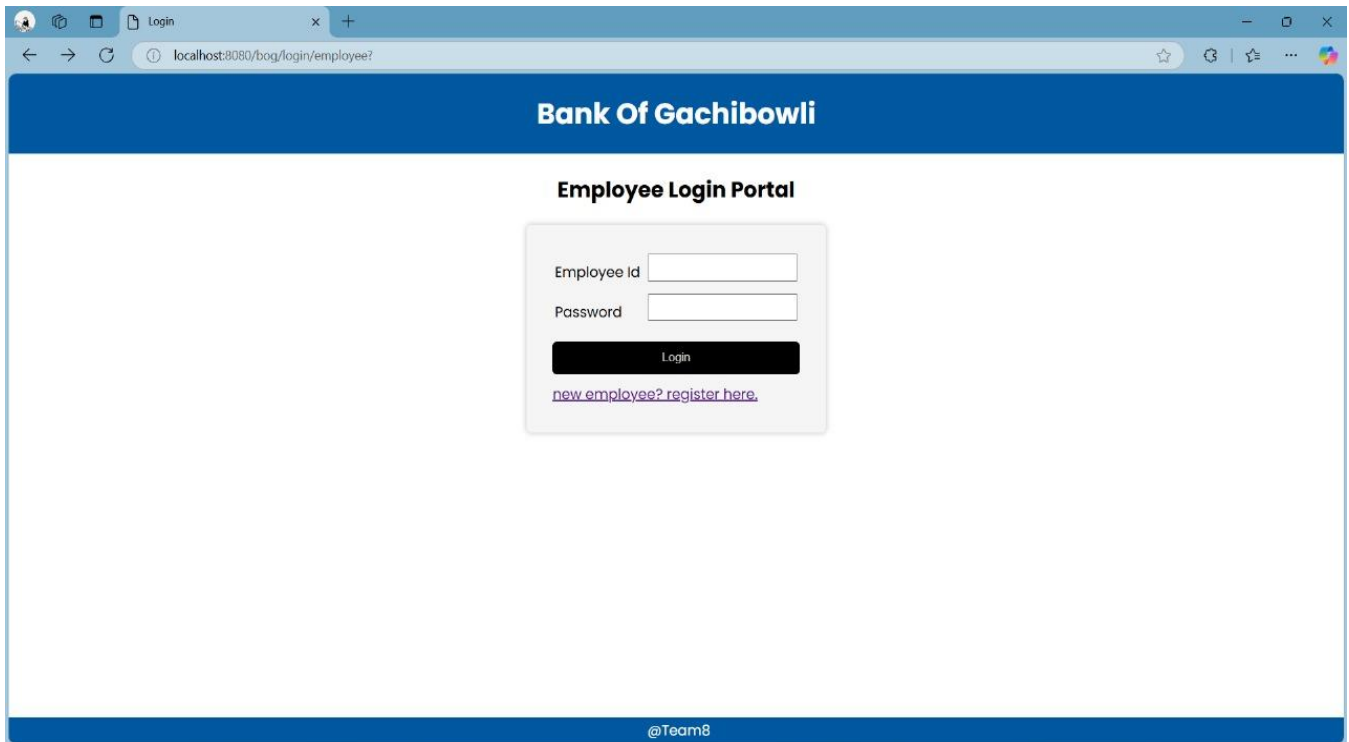
2. Landing Page

The landing page serves as the entry point to the Bank Management System, offering login options for employees and customers. It provides a user-friendly interface with clear navigation to their respective dashboards. Secure session management ensures only authorized access to the system.



3. Employee Login

- To log in as an employee, enter your Employee ID and Password in the respective fields.
- If you are a new employee, click on the "**New Employee Registration**" link.
- If the login is successful, you will be redirected to the **Employee Dashboard**.



Bank Of Gachibowli

Employee Login Portal

Employee Id

Password

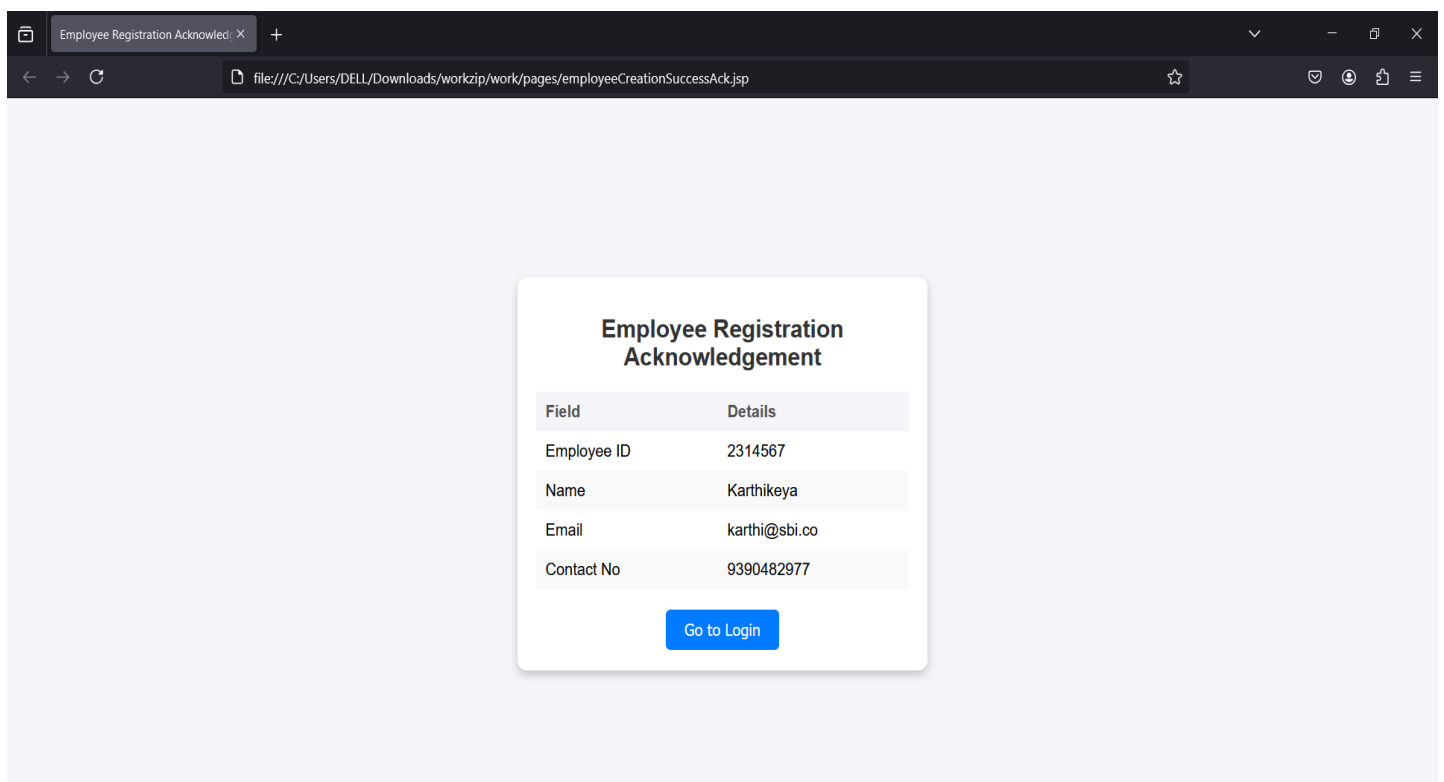
Login

[new employee? register here.](#)

@Team8

4. Employee Registration

- Complete the registration form with your details and submit it to register.
- Upon successful registration, you will receive an acknowledgment with your **Employee ID**.



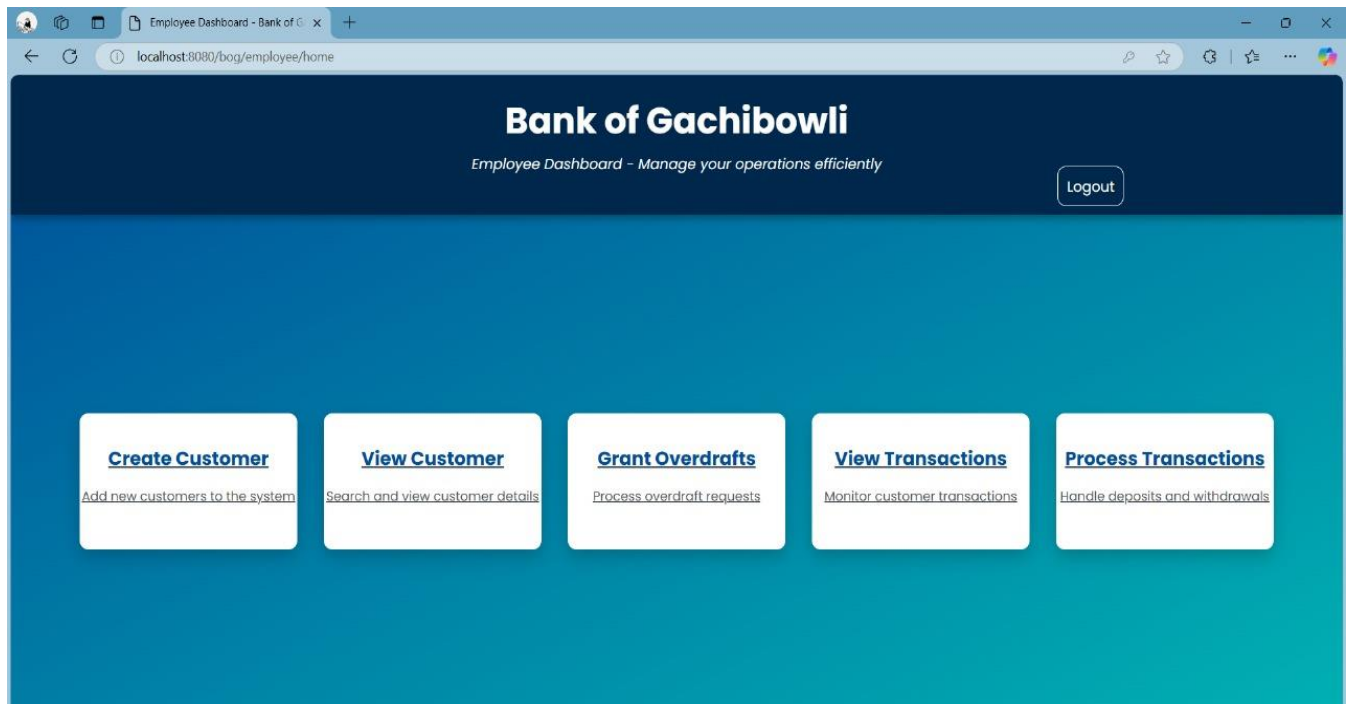
Employee Registration Acknowledgement

Field	Details
Employee ID	2314567
Name	Karthikeya
Email	karthi@sbi.co
Contact No	9390482977

Go to Login

5. Employee Dashboard

- The Employee Dashboard serves as a central hub for managing banking operations.
- Employees can add new customers by entering essential details like name, contact information, and account type.
- Features include viewing and editing customer profiles or deleting customer records if required.
- Employees can process customer transactions, such as deposits and withdrawals, ensuring real-time updates.
- Approve overdraft requests for eligible current account holders.
- Access transaction histories by searching with account numbers or transaction IDs for detailed records.



6. Customer Management

- Customer Management allows employees to handle customer-related operations efficiently.
- Add new customers by collecting details like name, email, phone number, and account type.
- View and update customer profiles to keep information accurate and up-to-date.
- Delete customer records if required, ensuring database integrity.

A screenshot of a web browser displaying the 'Create Customer' form for 'Bank Of Gachibowli'. The browser's address bar shows 'localhost:8080/bog/employee/create-customer'. The form is titled 'Customer Creation Service' and is divided into three sections: 'Account Details', 'Customer Details', and 'Gender'. The 'Account Details' section includes fields for 'Customer SSN Id' and 'Balance', and a radio button for 'Account Type' with options 'Savings' and 'Current'. The 'Customer Details' section includes fields for 'Customer Name' and 'Dob' (with a date picker set to 'dd-mm-yyyy'). The 'Gender' section includes radio buttons for 'Male' and 'Female'. The form is set against a light blue background with a dark blue header. The footer of the browser window shows '@Team8'.

Customer Details

656535344246

Name
saleesh

Address
hyd

Email
k@L.com

Contact Number
8888888888

Balance
20135000

Overdraft
0

Account Type
current

Gender
m

Date of Birth
25-05-2003

Marital Status
s

[Update](#) [Delete](#)

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7. Process Transactions

- Process Transactions enables employees to handle deposits and withdrawals efficiently.
- Perform Withdrawals to deduct specified amounts from customer accounts.
- Conduct Deposits to credit funds into customer accounts instantly.
- Access and review Transaction History by searching with account numbers or transaction IDs

Bank Of Gachibowli

Logout

Withdraw Or Deposit Portal

Account Number 23899056506707180000

Amount 10000

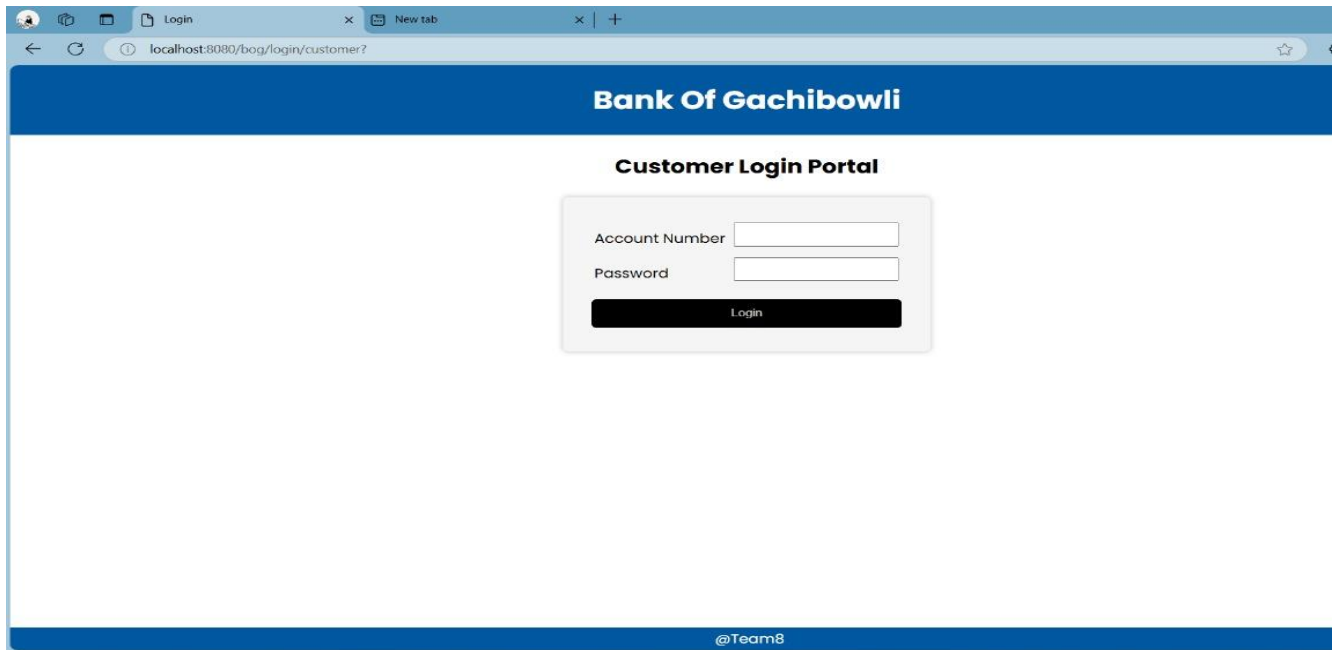
[Withdraw](#)

[Deposit](#)

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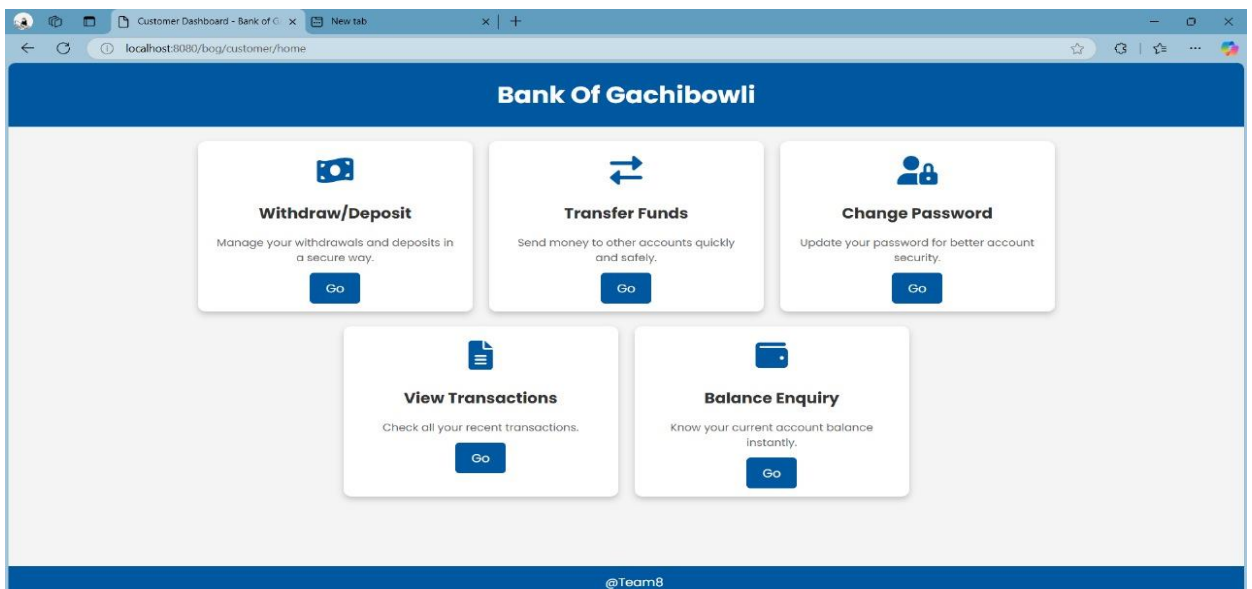
8. Customer Login

- Customer Login requires entering the Account Number and Password.
- First-time users are prompted to change their default password for enhanced security.
- On successful login, customers are redirected to their **Dashboard**.
- Secure session management ensures authorized access and data protection.
- Provides customers with seamless access to self-service banking features.



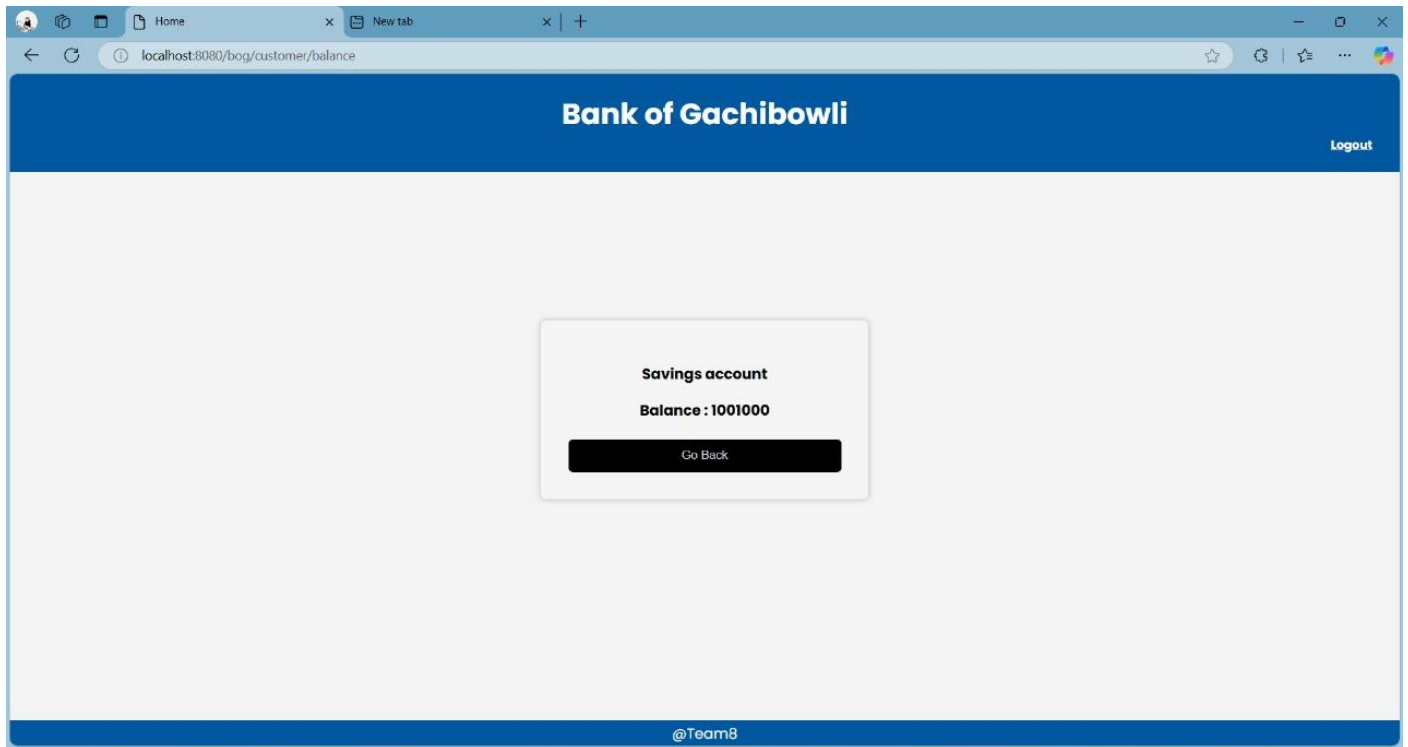
9. Customer Dashboard

- Withdraw Funds: Allows customers to withdraw money from their account.
- Deposit Funds: Enables customers to deposit money into their account.
- Transfer Funds: Customers can transfer funds to other accounts.
- View Transactions: Displays a history of all transactions related to the customer's account.
- Balance Enquiry: Customers can check their current account balance.
- Change Password: Option to change the default password (**Pan+Name**) after first login.



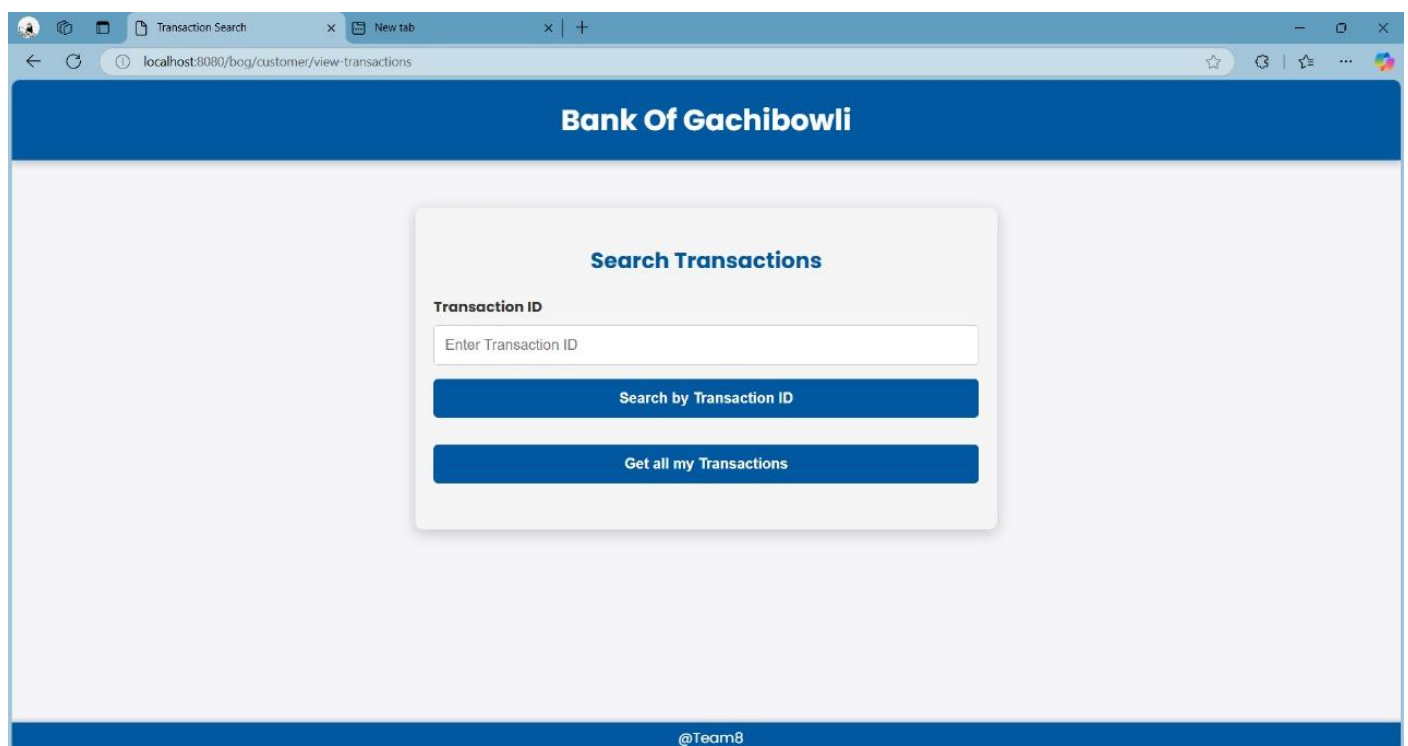
10. Balance Enquiry

- When clicked, the current balance is displayed without requiring the account number, as it is securely stored in the session and cookies from the login.



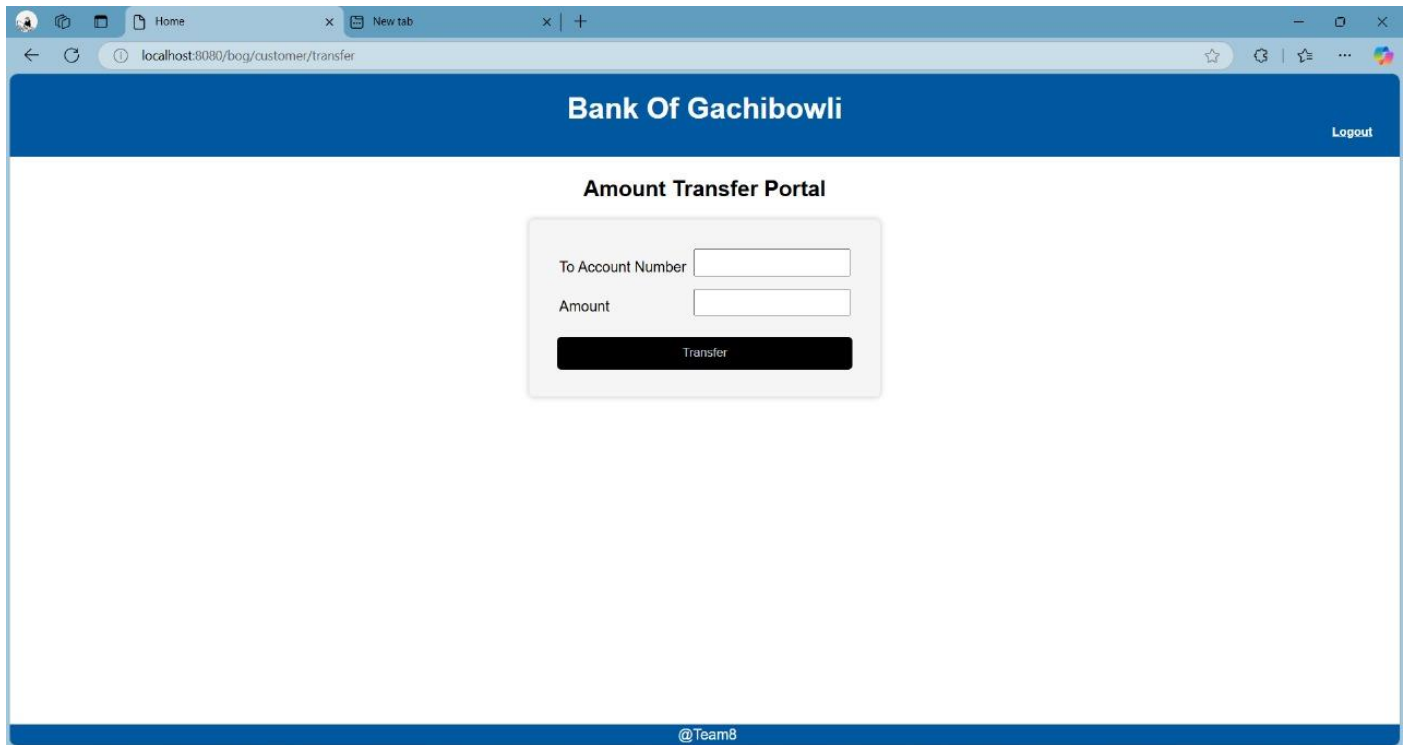
11. View Transactions

- Customers can view all their transactions or search for specific ones using the Transaction ID, with results displayed directly on the dashboard.



12. Fund Transfer

- Customers can transfer funds to other accounts by entering the recipient's account number and transfer amount, with the transaction processed and balances updated accordingly.



The screenshot shows a web browser window with the URL `localhost:8080/bog/customer/transfer`. The page has a blue header with the text "Bank Of Gachibowli" and a "Logout" link. Below the header, the title "Amount Transfer Portal" is centered. The main content area contains a form with two input fields: "To Account Number" and "Amount". Below these fields is a black button labeled "Transfer". The footer of the page displays "@Team8".

Bank Of Gachibowli

Logout

Amount Transfer Portal

To Account Number

Amount

Transfer

@Team8

Thankyou for Choosing the System