

BANKING SYSTEM DESIGN

**GROUP MEMEBER ID – 20201001,
20201003, 20201016, 20201020, 20201025**

SECTION- A1

HOME PAGE

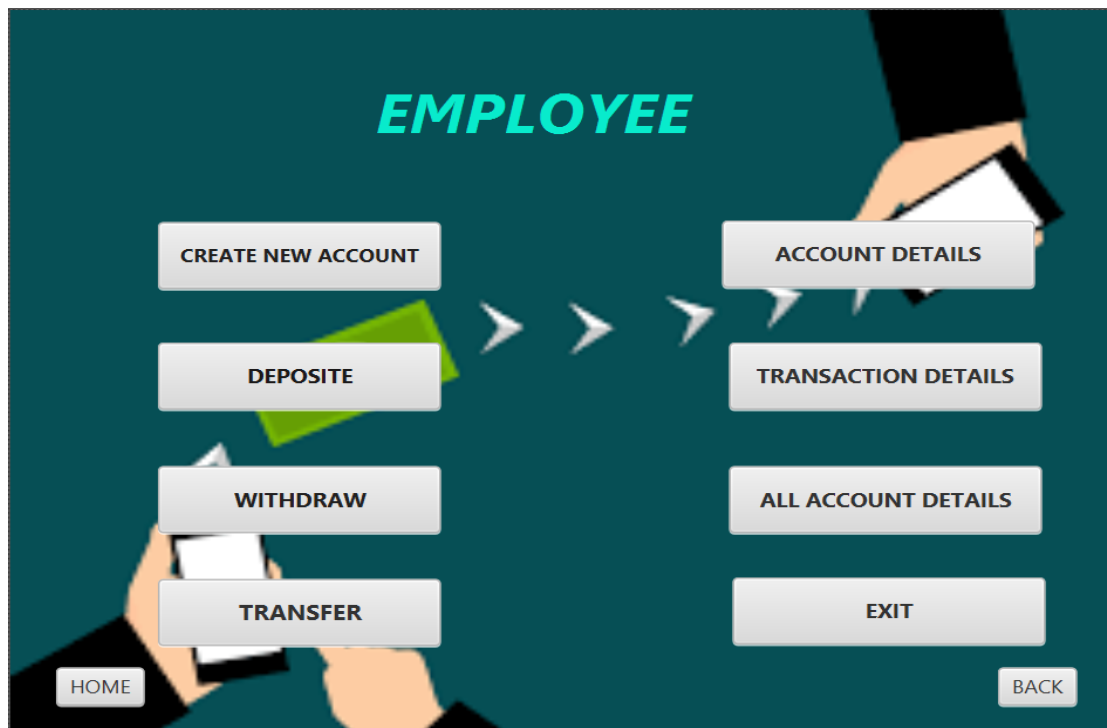
There are 2 types of users for this system; a bank employee and account holder. A user can log in as a bank employee or account holder.



EMPLOYEE MENU

Bank Employee will have the following functionalities

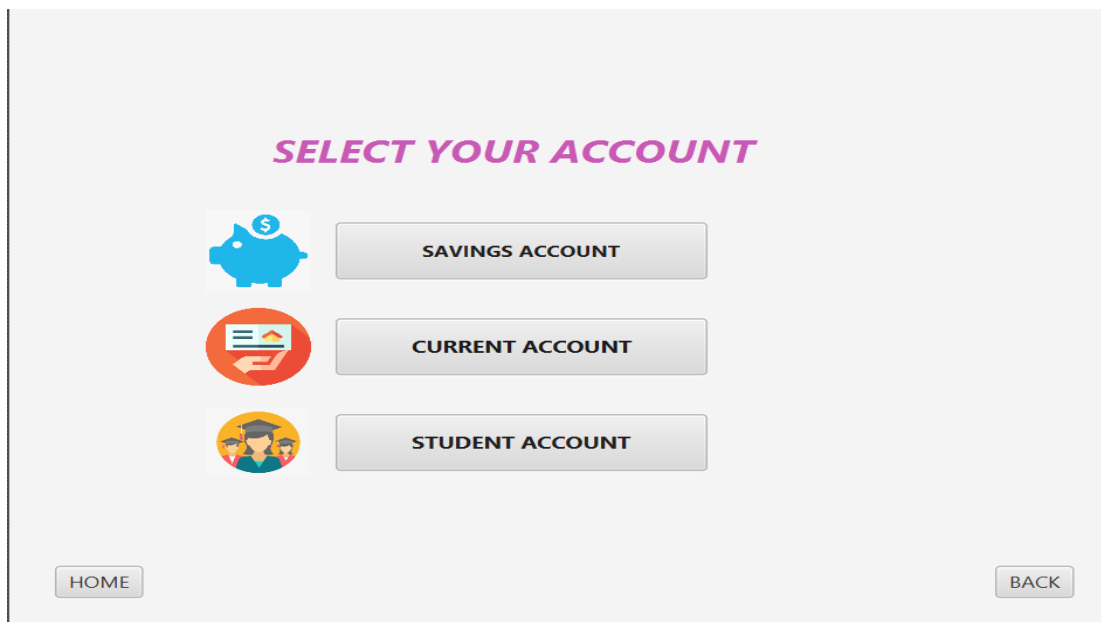
- a. Create new Account into in the system.
- b. Deposit money to an account on behalf of the customer.
- c. Withdraw money from a specific account on behalf of customer.
- d. Transfer money from one account to another
- e. View the summary of an account (name, nid, account number, type, and balance)
- f. View the transaction details of a specific account.
- g. View the list of specific type of Bank Accounts (Savings or Current or Student)
- h. View the list of all accounts.



CREATE NEW ACCOUNT

Create new account will have the following functionalities

1. SAVINGS ACCOUNT
2. CURRENT ACCOUNT
3. STUDENT ACCOUNT



SAVING ACCOUNT

A savings account allows user to accumulate interest on funds he has saved for future needs. Savings account required a minimum balance. From savings account, user is only allowed to withdraw a maximum amount of money which will be set up during the account creation and user also have to provide name, NID no., initial balance during the account creation.



CREATE SAVINGS ACCOUNT

YOUR NAME:

NID NO. :

INITIAL BALANCE:

MAX WITHDRAW LIMIT :

SUBMIT

[HOME](#) [BACK](#)

CURRENT ACCOUNT

Current account offers easy access to your money for your daily transactional needs and help keep your cash secure. You need a trading license to open a Current account and also have to provide name, NID no., initial balance during the Current account creation.

CREATE CURRENT ACCOUNT

YOUR NAME:

NID NO. :

INITIAL BALANCE

TRADE LISENCE NO. :

SUBMIT

[HOME](#) [BACK](#)

STUDENT ACCOUNT

You need to provide name, NID no., student id, institution name, initial balance during the student account creation.

CREATE STUDENT ACCOUNT

YOUR NAME:

NID NO. :

STUDENT ID:

INSTITUTION NAME

INITIAL BALANCE:

SUBMIT

[HOME](#) [BACK](#)

DEPOSITE:

You need to provide Account number and deposit amount to deposit money to your account.



DEPOSIT MONEY

ACCOUNT NUMBER:

DEPOSITE AMOUNT:

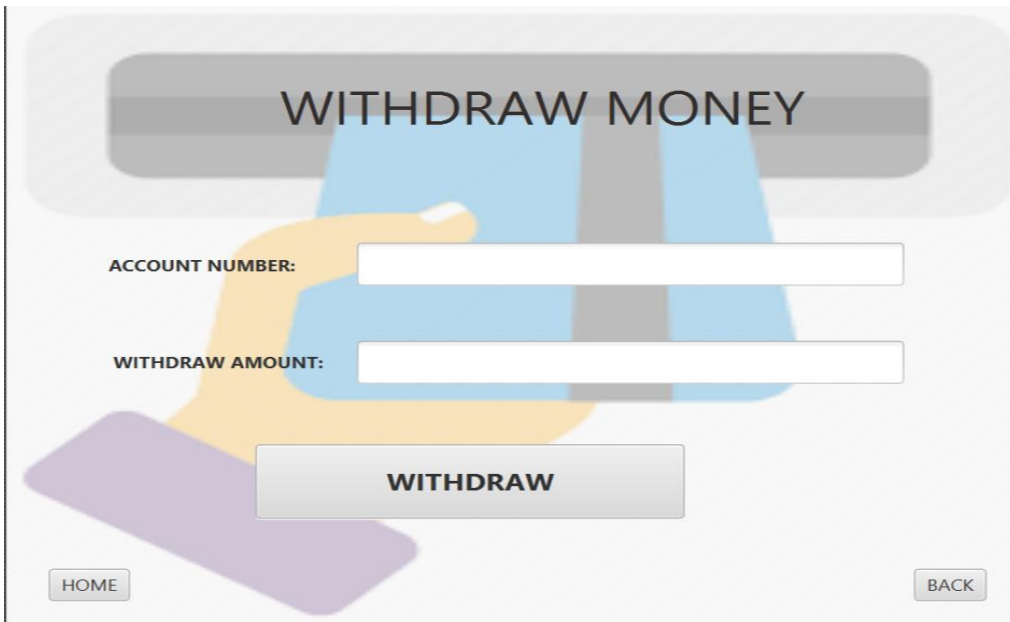
DEPOSIT

HOME BACK

The form features a light gray background with a faint illustration of a hand dropping a gold coin into a slot, a large blue percentage sign, and a classical building facade. At the bottom right, there are two stacks of gold coins. The title 'DEPOSIT MONEY' is centered at the top in a bold, black, sans-serif font. Below it, the labels 'ACCOUNT NUMBER:' and 'DEPOSITE AMOUNT:' are in a smaller, bold, black font, followed by white text input fields. A prominent gray button with the word 'DEPOSIT' in bold black text is centered below the input fields. At the bottom left is a 'HOME' button and at the bottom right is a 'BACK' button, both in small gray boxes.

WITHDRAW

You need to provide Account number and withdraw amount to withdraw money from your account.



WITHDRAW MONEY

ACCOUNT NUMBER:

WITHDRAW AMOUNT:

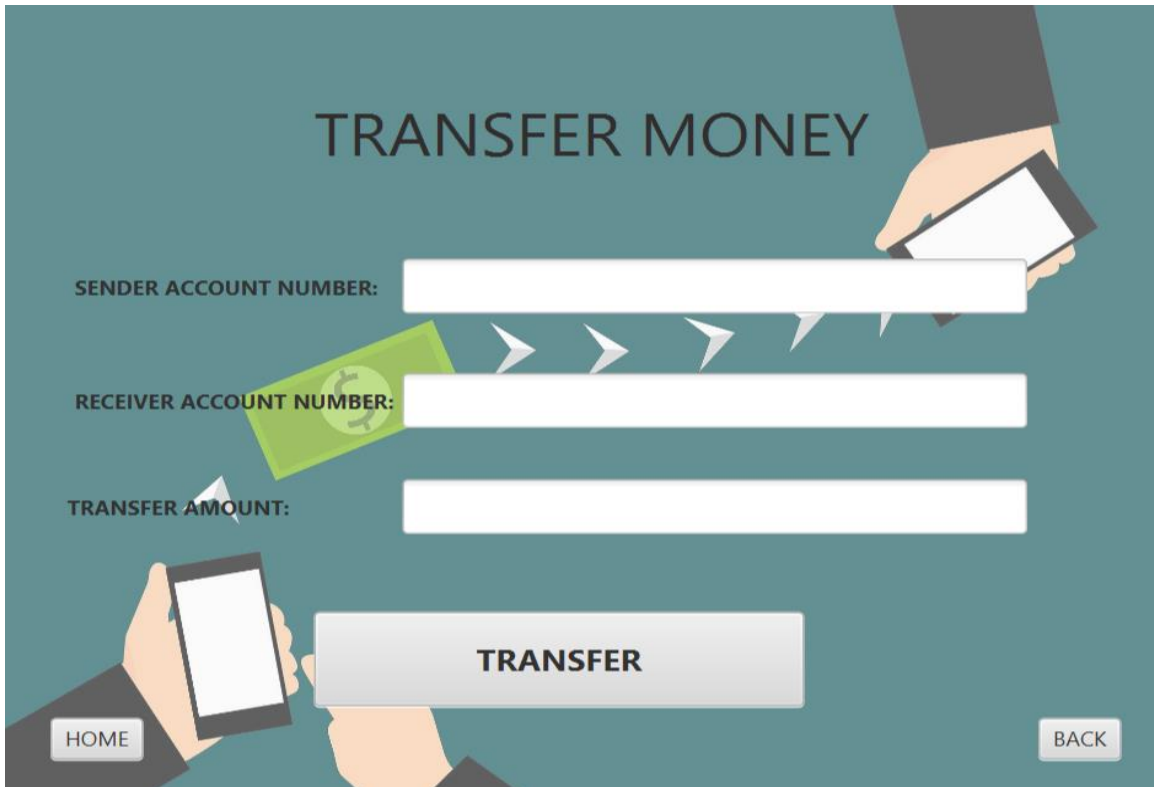
WITHDRAW

HOME BACK

The form has a light gray background with a faint illustration of a hand holding a blue banknote. The title 'WITHDRAW MONEY' is centered at the top in a bold, black, sans-serif font. Below it, the labels 'ACCOUNT NUMBER:' and 'WITHDRAW AMOUNT:' are in a smaller, bold, black font, followed by white text input fields. A prominent gray button with the word 'WITHDRAW' in bold black text is centered below the input fields. At the bottom left is a 'HOME' button and at the bottom right is a 'BACK' button, both in small gray boxes.

TRANSFER

You need to provide Sender Account number, receiver account number and transfer amount to transfer money from one account to other.



TRANSFER MONEY

SENDER ACCOUNT NUMBER:

RECEIVER ACCOUNT NUMBER:

TRANSFER AMOUNT:

TRANSFER

HOME BACK

Display Account Details by Account Type

Display accounts will have the following functionalities

- 1.SAVINGS ACCOUNT
- 2.CURRENT ACCOUNT
- 3.STUDENT ACCOUNT

DISPLAY ACCOUNTS

SELECT ACCOUNT TYPE



SAVINGS ACCOUNT



CURRENT ACCOUNT



STUDENT ACCOUNT

HOME

BACK

Display Account Details

To show account details need to provide account number.

ACCOUNT DETAILS

ACCOUNT NUMBER:

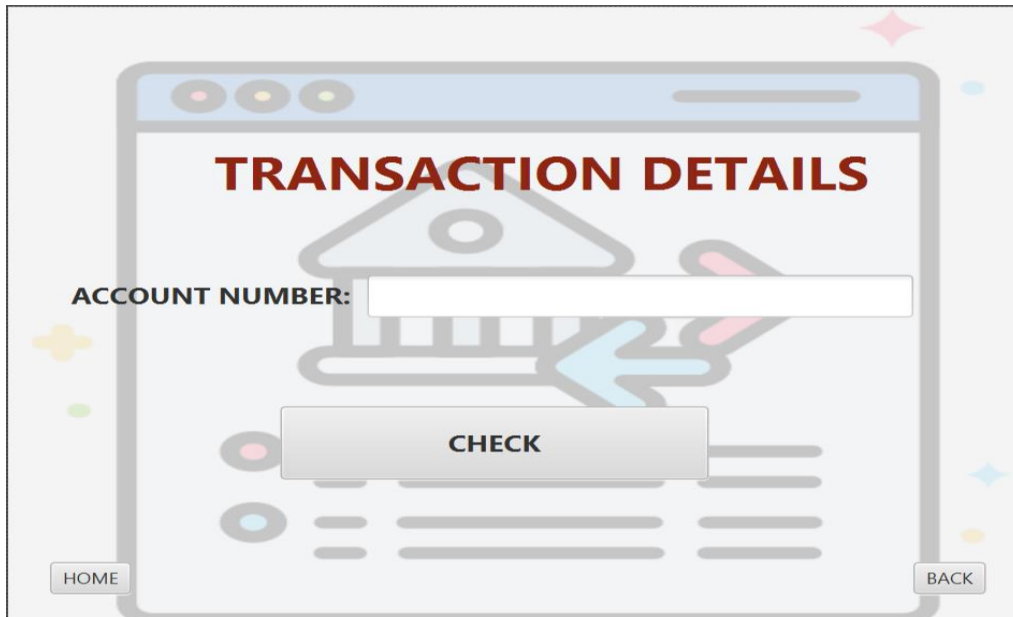
CHECK ACCOUNT DETAILS

HOME

BACK

Display Transaction Details

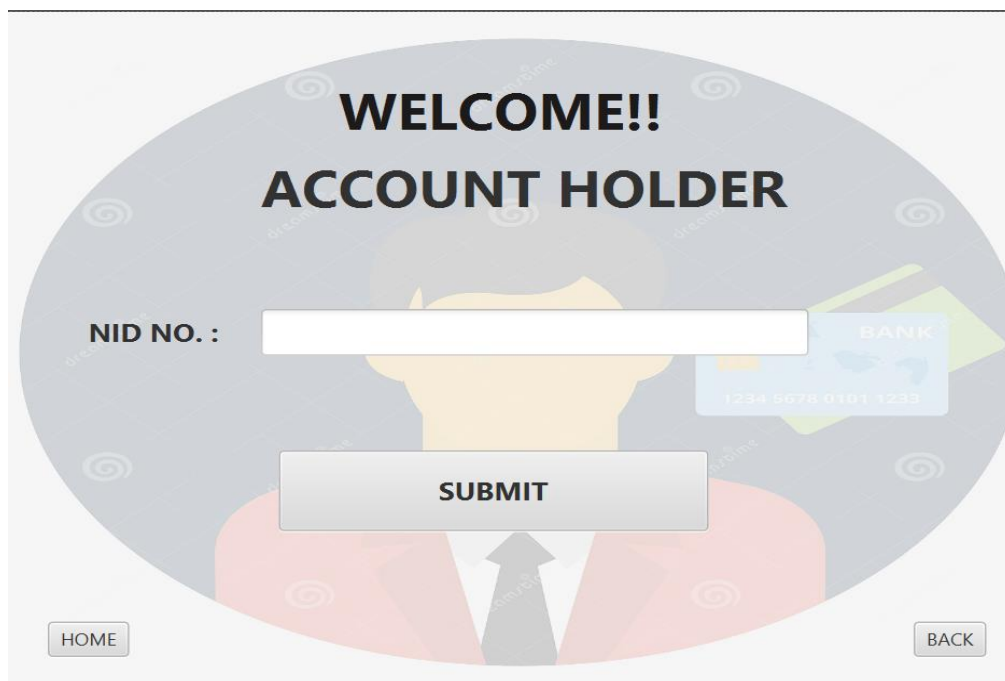
To show transaction details need to provide account number.



A screenshot of a mobile application screen titled "TRANSACTION DETAILS" in bold red text. Below the title is a light blue background with a faint illustration of a bank building and a hand holding a card. The screen features a label "ACCOUNT NUMBER:" followed by a white text input field. Below the input field is a grey button labeled "CHECK". At the bottom left is a "HOME" button and at the bottom right is a "BACK" button. The screen is decorated with colorful star and dot icons.

After Selecting Account Holder from Menu Option:

To log in as account holder need to provide NID no.



A screenshot of a mobile application screen titled "WELCOME!! ACCOUNT HOLDER" in bold black text. The background is a light blue oval with a faint illustration of a person in a suit and a bank card. The screen features a label "NID NO. :" followed by a white text input field. Below the input field is a grey button labeled "SUBMIT". At the bottom left is a "HOME" button and at the bottom right is a "BACK" button. The screen is decorated with faint circular patterns.

Account Holder Menu:

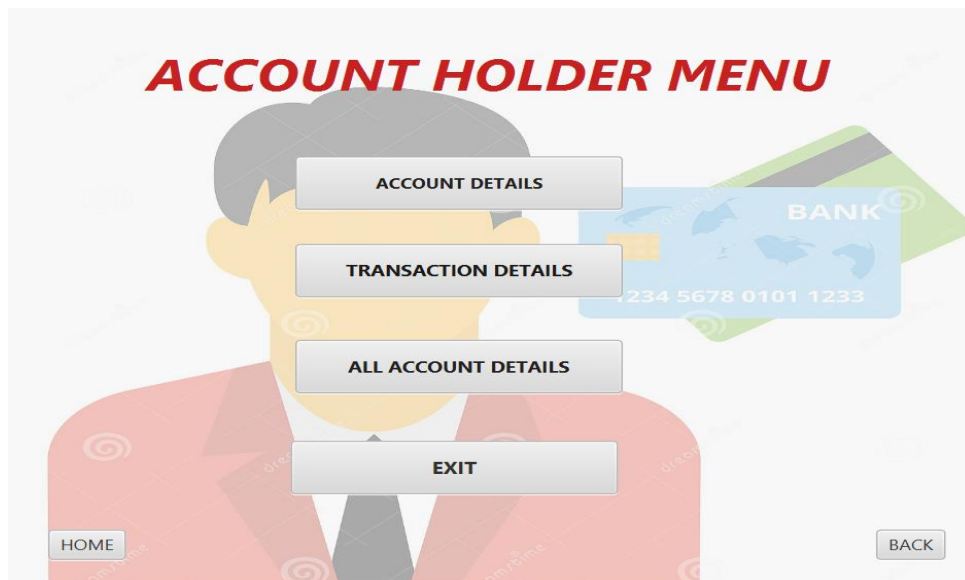
Account holder menu will have the following functionalities

ACCOUNT details

Transaction details

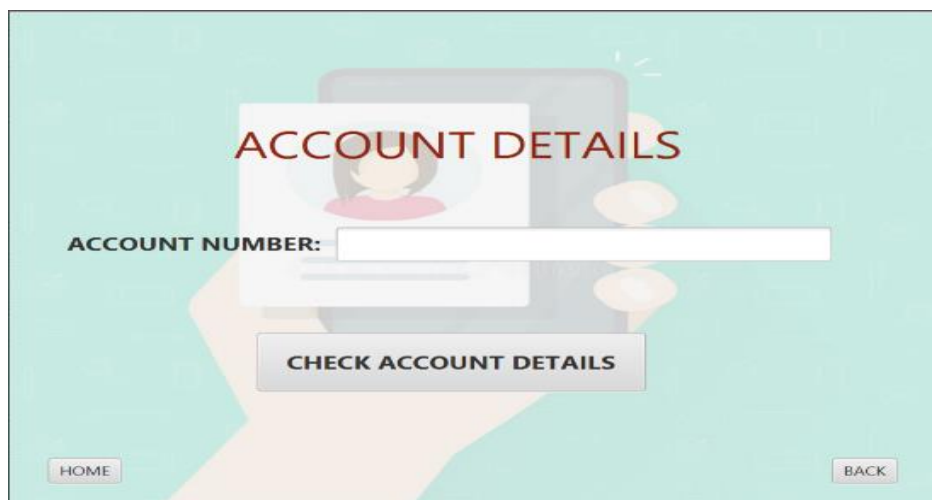
All account details

Exit



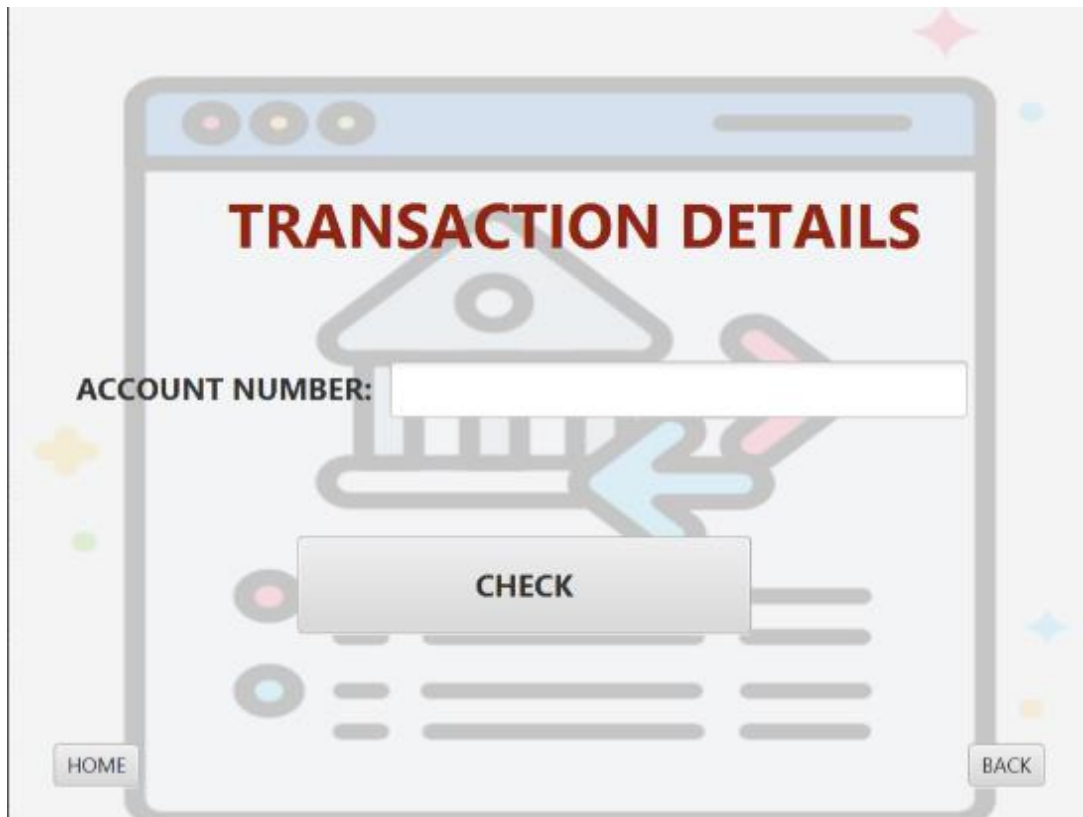
Account Details:

To show account details need to provide account number.



Transaction Details

To show transaction details need to provide account number.



A screenshot of a web application interface for viewing transaction details. The interface is displayed within a browser window frame. At the top, the title "TRANSACTION DETAILS" is shown in a large, bold, dark red font. Below the title, there is a label "ACCOUNT NUMBER:" in a bold, black font, followed by a white text input field. A large, faint background illustration of a hand holding a check is visible behind the input field. Below the input field is a prominent grey button with the text "CHECK" in bold, black capital letters. At the bottom left of the interface is a small grey button labeled "HOME", and at the bottom right is a small grey button labeled "BACK". The entire interface is decorated with colorful, stylized star and plus-shaped icons.