

Capstone Project

Bank Account Management System

Team Members:

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Features

- **Login/ Sign up.**
 1. Check if User is registered.
 2. No user registration
- **Account Management**
 1. Deposit/ withdraw.
 2. Account details update
 3. Transaction History
- **Banking Facilities**
 1. Account Details
 2. Registration
 3. Balance enquiry
 4. Transaction history
 5. Deposit/ withdraw.
 6. OTP authentication
 7. Account Type

Detailed explanation

- **Create Account:** Following fields need to be filled.
 1. Name
 2. Age
 3. Mobile Number
 4. Date of Birth
 5. Pin
 6. Account Type (Savings/ Current)
 7. Minimum deposit (Savings- 2000/ Current 1000)
 8. OTP generation and Verification

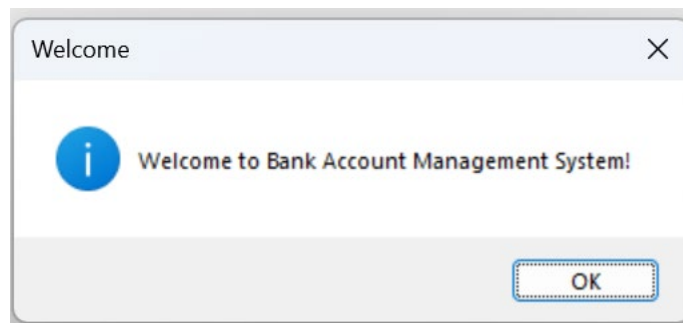
Note: Error pop up will appear if,

- All fields are not filled.
 - Characters entered in age.
 - Pin is entered other than 4-digit number.
 - Initial deposit is less than minimum deposit.
 - OPT entered is invalid.
- Login: Enter valid pin to login to your account. Wrong pin leads to error pop up.
 - Account Details: It contains Details such as Name, Age, Mobile number, Date of Birth, Current Balance.
Following operations can be performed.

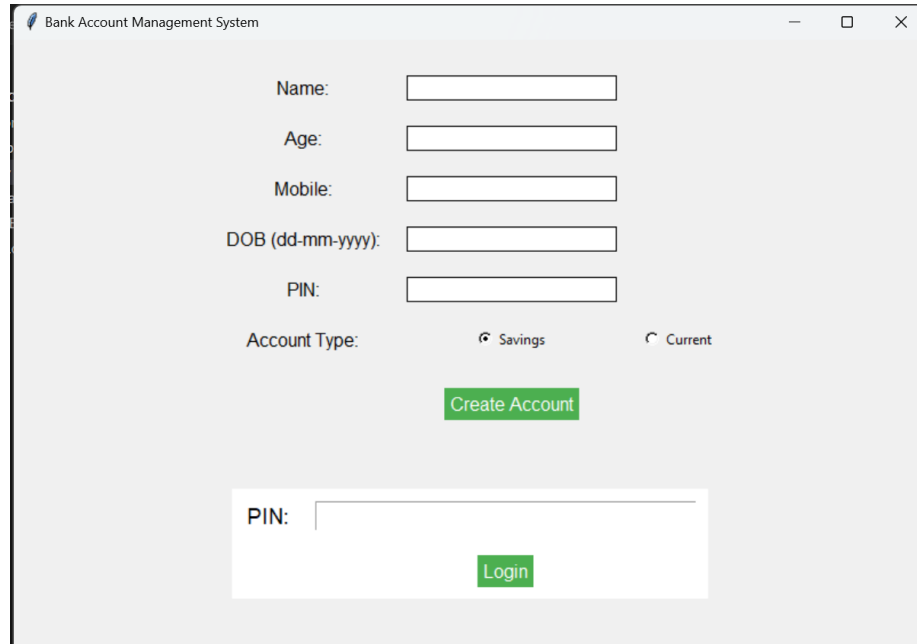
1. Deposit- Deposit amount to your bank. It will be updated in current balance automatically.
2. Withdraw- Withdraw amount from your bank account. If amount entered exceeds current balance, then error pop up will appear saying Insufficient balance.
3. Transaction History- All transaction that you have made can be seen.
4. Logout: You can logout from your account, and you can login back using PIN.

Output:

- Start of Application:



- Home Page:
 - Home page

A screenshot of the 'Bank Account Management System' home page. The title bar says 'Bank Account Management System'. The form contains the following fields and controls:

- Name:
- Age:
- Mobile:
- DOB (dd-mm-yyyy):
- PIN:
- Account Type: ☒ Savings ☐ Current
-
- PIN:
-

- Details filled.

Name:

Age:

Mobile:

DOB (dd-mm-yyyy):

PIN:

Account Type: ☒ Savings ☐ Current


- Initial deposit

Initial Deposit

Enter the initial deposit amount (minimum Amount is 2000):

- OTP Generation

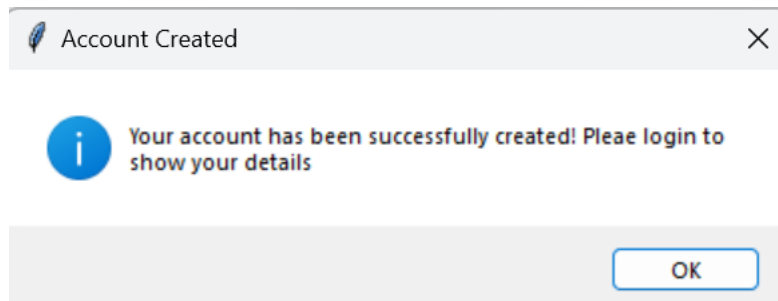
OTP Sent

 OTP sent to 6362248128: 9695

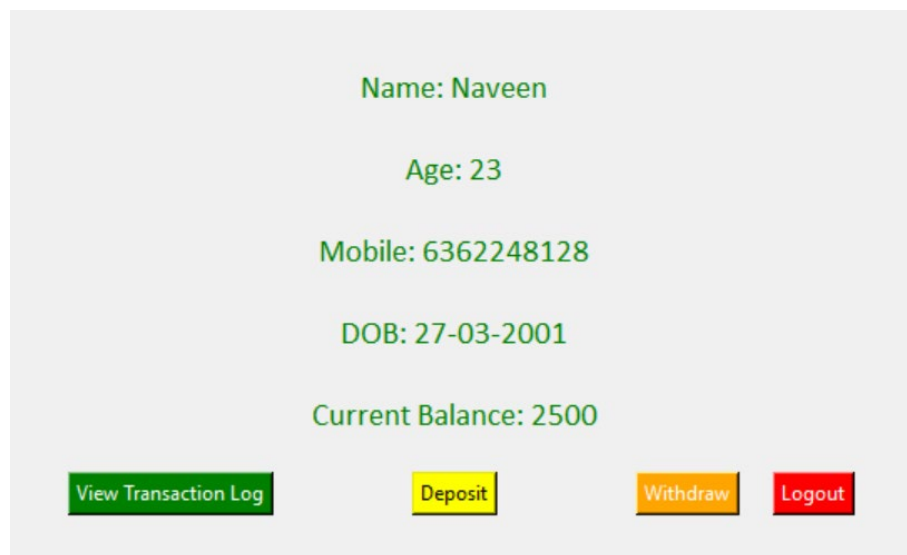
- OTP validation

OTP

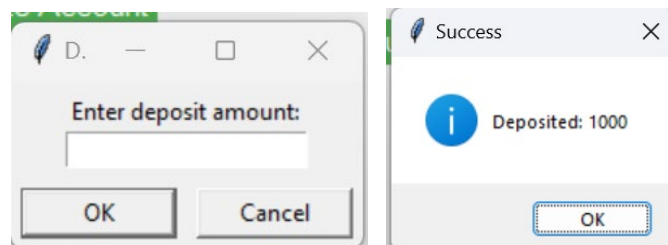
Enter the OTP sent to your mobile:



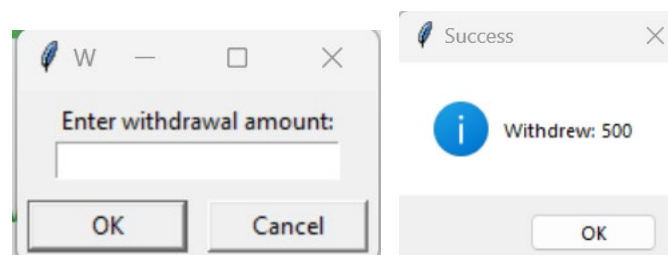
- Account details interface
 - Account details interface



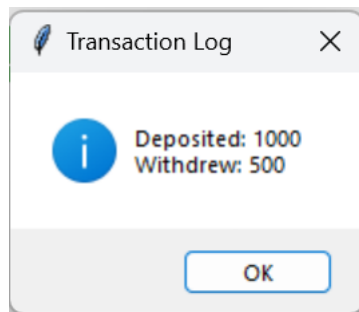
- Deposit



- Withdraw

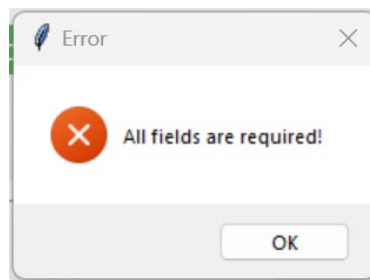


➤ Transaction History

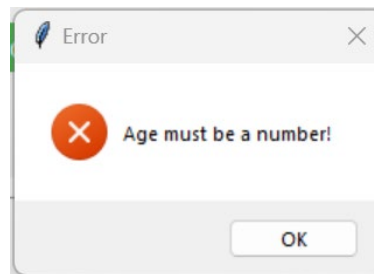


- Error messages

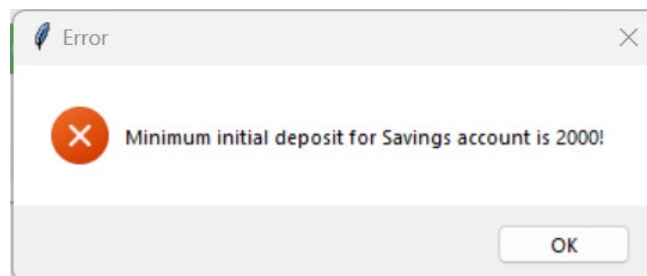
➤ All fields are not filled.



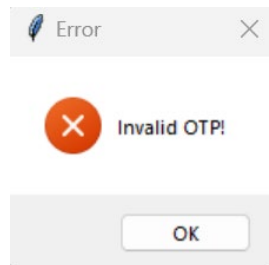
➤ Number is not entered in Age field.



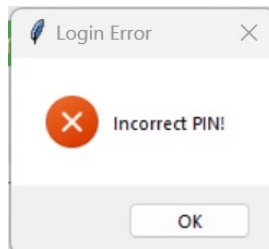
➤ Initial minimum deposit.



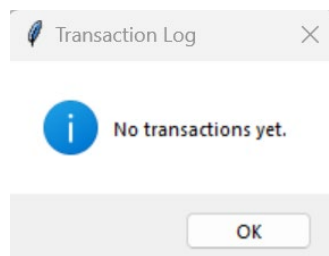
- Invalid OTP.



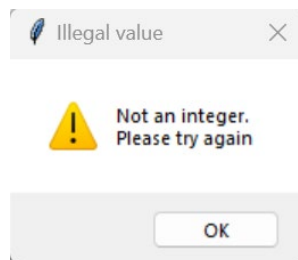
- Invalid PIN.



- No Transactions Done.



- Invalid Deposit/ withdraw.



- Withdraw amount is greater than current balance.

