**Bank Account System**

**Purpose:**

The Bank Account System is a simple banking application designed to manage individual bank accounts. It allows customers to create accounts, deposit and withdraw money, check their account balances, and handles exceptions for insufficient balances. The system ensures that customers provide valid input, such as a name that consists of alphabetic characters and spaces.

**Classes:**

1. **InsufficientBalanceException**:
   * An exception class that extends the base **Exception** class. It is used to handle cases where there is an insufficient balance in the account.
2. **BankAccount**:
   * Represents an individual bank account.
   * Attributes:
     + **long accountNo**: The account number.
     + **double balance**: The current balance in the account.
     + **String accountHolderName**: The name of the account holder.
   * Methods:
     + **BankAccount(long accountNo, double balance, String accountHolderName)**: Constructor to initialize a bank account with an account number, initial balance, and account holder name.
     + **long getAccountNo()**: Returns the account number.
     + **double getBalance()**: Returns the current balance.
     + **String getAccountHolderName()**: Returns the account holder's name.
     + **void setAccountNo(long accountNo)**: Sets the account number.
     + **void setBalance(double balance)**: Sets the account's balance.
     + **VoidsetAccountHolderName(String accountHolderName)**: Sets the account holder's name.
     + **double deposit(double amount, double balance)**: Deposits the specified amount into the account.
     + **double withdraw(double amount, double balance) throws InsufficientBalanceException**: Withdraws the specified amount from the account, throwing an **InsufficientBalanceException** if the balance is insufficient.
     + **void display(double balance)**: Displays the account holder's name, account number, and current balance.
3. **Bank**:
   * The main class that serves as the entry point for the program.
   * It allows users to create an account, deposit, withdraw, and display account information.
   * The program ensures input validation and provides a user-friendly interface.

**Usage Examples:**

Here are some examples of how to use the Bank Account System:

1. Create an account:
   * Enter your name.
   * Enter your account number.
2. Perform banking operations:
   * Deposit money into your account.
   * Withdraw money from your account, handling insufficient balance exceptions.
   * Check your account balance.
3. Exit the program:
   * Select the option to exit the program when you're done.

The program ensures that the user provides valid input, handles exceptions, and displays account information as requested.

Please note that this is a simplified example, and in a real-world scenario, additional features and security measures would be required for a production-grade banking application.