Bank Account Management with Linked List

Using the bank account and exception classes from last week’s practical, create a Java program for managing a list of bank accounts using a custom linked list. The program should allow you to add bank accounts, deposit funds, withdraw funds (with exception handling), display account details, and implement basic list operations.

You will need to:

1. Ensure the BankAccount class is implemented.
2. Create a custom linked list for managing bank accounts by:
   1. Creating a Node class
   2. Creating a LinkedList class
3. Create a menu-driven program (BankAccountManagement) that allows you to perform the following actions:
   1. Add a new bank account
   2. Deposit funds into both the new and existing accounts
   3. Withdraw funds from an account (handling InsufficientFundsException)
   4. Display account details for all accounts
   5. Implement basic linked list operations such as adding, removing, and searching for accounts
4. Ensure that the program handles exceptions, such as invalid inputs and the InsufficientFundsException when withdrawing

Suggestions for Discussion:

* Discuss the benefits of using a custom linked list to manage bank accounts
* Discuss the advantages of linked lists in dynamically managing bank accounts
* Extend the program with additional features or improvements