Bank Management System - C++ Code

#include<iostream>  
using namespace std;  
  
class BankAccount {  
private:  
 string name;  
 int accountNumber;  
 float balance;  
  
public:  
 // Create account  
 void createAccount() {  
 cout << "Enter your name: ";  
 cin >> name;  
 cout << "Enter account number: ";  
 cin >> accountNumber;  
 cout << "Enter initial balance: ";  
 cin >> balance;  
 cout << "Account created successfully!\n\n";  
 }  
  
 // Deposit money  
 void deposit() {  
 float amount;  
 cout << "Enter amount to deposit: ";  
 cin >> amount;  
 balance += amount;  
 cout << "Amount deposited successfully!\n\n";  
 }  
  
 // Withdraw money  
 void withdraw() {  
 float amount;  
 cout << "Enter amount to withdraw: ";  
 cin >> amount;  
 if(amount <= balance) {  
 balance -= amount;  
 cout << "Amount withdrawn successfully!\n\n";  
 } else {  
 cout << "Insufficient balance!\n\n";  
 }  
 }  
  
 // Display details  
 void display() {  
 cout << "\n--- Account Details ---\n";  
 cout << "Name: " << name << endl;  
 cout << "Account Number: " << accountNumber << endl;  
 cout << "Balance: ₹" << balance << endl << endl;  
 }  
};  
  
int main() {  
 BankAccount account;  
 int choice;  
  
 while(true) {  
 cout << "------- Bank Menu -------\n";   
 cout << "1. Create Account\n";  
 cout << "2. Deposit\n";  
 cout << "3. Withdraw\n";  
 cout << "4. Display Details\n";  
 cout << "5. Exit\n";  
 cout << "Enter your choice: ";  
 cin >> choice;  
  
 switch(choice) {  
 case 1: account.createAccount(); break;  
 case 2: account.deposit(); break;  
 case 3: account.withdraw(); break;  
 case 4: account.display(); break;  
 case 5: cout << "Thank you for using the Bank System.\n"; return 0;  
 default: cout << "Invalid choice!\n";  
 }  
 }  
  
 return 0;  
}