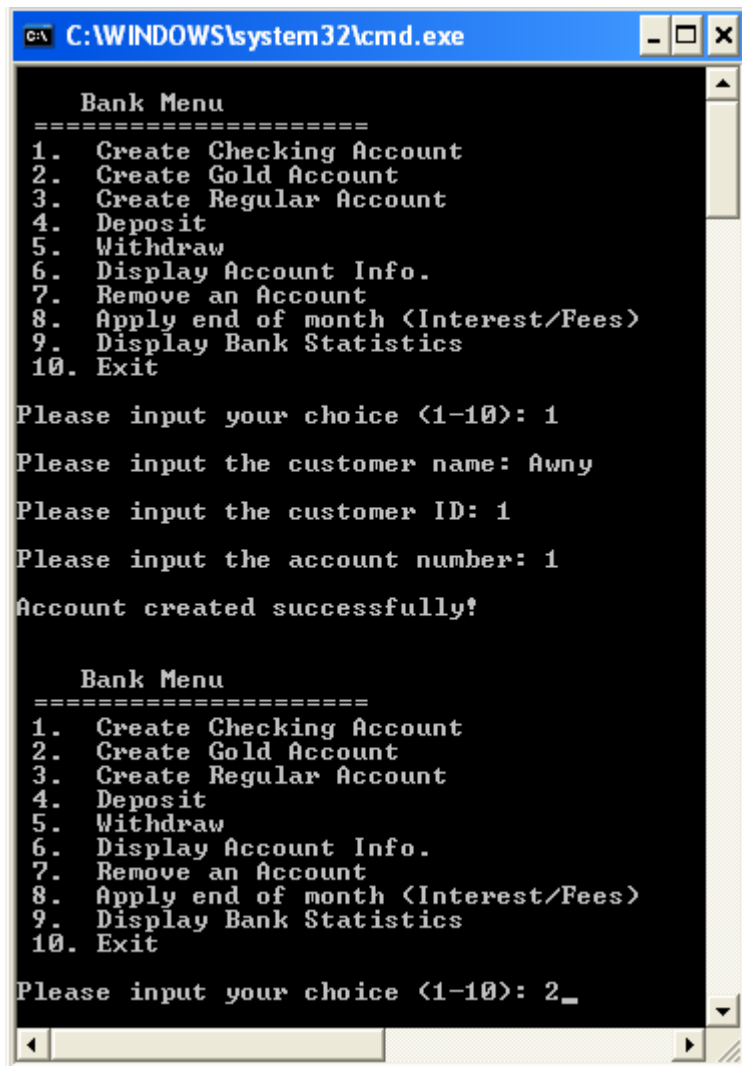The following is a sequence of transactions made at a particular run for the bank project:
Note that: All the screen shots displayed below simulate ONE sample run of the
completed system:

```
C:\WINDOWS\system32\cmd.exe                    _ □ ×

    Bank Menu
======================
1.   Create Checking Account
2.   Create Gold Account
3.   Create Regular Account
4.   Deposit
5.   Withdraw
6.   Display Account Info.
7.   Remove an Account
8.   Apply end of month (Interest/Fees)
9.   Display Bank Statistics
10. Exit

Please input your choice (1-10): 1

Please input the customer name: Awny

Please input the customer ID: 1

Please input the account number: 1

Account created successfully!

    Bank Menu
======================
1.   Create Checking Account
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3.   Create Regular Account
4.   Deposit
5.   Withdraw
6.   Display Account Info.
7.   Remove an Account
8.   Apply end of month (Interest/Fees)
9.   Display Bank Statistics
10. Exit

Please input your choice (1-10): 2_
```

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Please input the customer name: John Smith

Please input the customer ID: 2

Please input the account number: 2

Account created successfully!


    Bank Menu
 =====================
 1.  Create Checking Account
 2.  Create Gold Account
 3.  Create Regular Account
 4.  Deposit
 5.  Withdraw
 6.  Display Account Info.
 7.  Remove an Account
 8.  Apply end of month (Interest/Fees)
 9.  Display Bank Statistics
 10. Exit

Please input your choice (1-10): 4
Please input the account number: 1
Please input the amount: 150

Account updated successfully!

    Bank Menu
 =====================
 1.  Create Checking Account
 2.  Create Gold Account
 3.  Create Regular Account
 4.  Deposit
 5.  Withdraw
 6.  Display Account Info.
 7.  Remove an Account
 8.  Apply end of month (Interest/Fees)
 9.  Display Bank Statistics
 10. Exit

Please input your choice (1-10): 3
```

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Please input the customer name: jim Jones

Please input the customer ID: 3

Please input the account number: 3

Account created successfully!


    Bank Menu
 ====================
 1.  Create Checking Account
 2.  Create Gold Account
 3.  Create Regular Account
 4.  Deposit
 5.  Withdraw
 6.  Display Account Info.
 7.  Remove an Account
 8.  Apply end of month (Interest/Fees)
 9.  Display Bank Statistics
 10. Exit

Please input your choice (1-10): 4
Please input the account number: 3
Please input the amount: 100

Account updated successfully!


    Bank Menu
 ====================
 1.  Create Checking Account
 2.  Create Gold Account
 3.  Create Regular Account
 4.  Deposit
 5.  Withdraw
 6.  Display Account Info.
 7.  Remove an Account
 8.  Apply end of month (Interest/Fees)
 9.  Display Bank Statistics
 10. Exit

Please input your choice (1-10): 5
```

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Please input the account number: 10

Account number not found!

    Bank Menu
    ====================
1.  Create Checking Account
2.  Create Gold Account
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4.  Deposit
5.  Withdraw
6.  Display Account Info.
7.  Remove an Account
8.  Apply end of month (Interest/Fees)
9.  Display Bank Statistics
10. Exit

Please input your choice (1-10): 4
Please input the account number: 12

Account number not found!

    Bank Menu
    ====================
1.  Create Checking Account
2.  Create Gold Account
3.  Create Regular Account
4.  Deposit
5.  Withdraw
6.  Display Account Info.
7.  Remove an Account
8.  Apply end of month (Interest/Fees)
9.  Display Bank Statistics
10. Exit

Please input your choice (1-10): 4_
```

```
C:\WINDOWS\system32\cmd.exe

Please input the account number: 2
Please input the amount: 100

Account updated successfully!


    Bank Menu
    =====================
1.  Create Checking Account
2.  Create Gold Account
3.  Create Regular Account
4.  Deposit
5.  Withdraw
6.  Display Account Info.
7.  Remove an Account
8.  Apply end of month (Interest/Fees)
9.  Display Bank Statistics
10. Exit

Please input your choice (1-10): 5
Please input the account number: 1
Please input the amount: 100

Account updated successfully!


    Bank Menu
    =====================
1.  Create Checking Account
2.  Create Gold Account
3.  Create Regular Account
4.  Deposit
5.  Withdraw
6.  Display Account Info.
7.  Remove an Account
8.  Apply end of month (Interest/Fees)
9.  Display Bank Statistics
10. Exit

Please input your choice (1-10): 5_
```

```
Please input the account number: 1
Please input the amount: 150

Account updated successfully!


    Bank Menu
    ====================
1.  Create Checking Account
2.  Create Gold Account
3.  Create Regular Account
4.  Deposit
5.  Withdraw
6.  Display Account Info.
7.  Remove an Account
8.  Apply end of month (Interest/Fees)
9.  Display Bank Statistics
10. Exit

Please input your choice (1-10): 6
Please input the account number: 1

Details of account# 1 :
------------------------------
Customer Id:  1
Customer Name:Awny
Balance:       0.0


    Bank Menu
    ====================
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4.  Deposit
5.  Withdraw
6.  Display Account Info.
7.  Remove an Account
8.  Apply end of month (Interest/Fees)
9.  Display Bank Statistics
10. Exit

Please input your choice (1-10): 6
Please input the account number: 10

Account number not found!
```

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     Bank Menu
  ====================
 1.   Create Checking Account
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 8.   Apply end of month (Interest/Fees)
 9.   Display Bank Statistics
 10. Exit

Please input your choice (1-10): 9

Bank statistics:
================
Total bank balance: 200.0
Average balance: 66.66666666666667
Number of empty accounts: 1
Largest account owner: John Smith


     Bank Menu
  ====================
 1.   Create Checking Account
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 4.   Deposit
 5.   Withdraw
 6.   Display Account Info.
 7.   Remove an Account
 8.   Apply end of month (Interest/Fees)
 9.   Display Bank Statistics
 10. Exit

Please input your choice (1-10): 4
Please input the account number: 1
Please input the amount: 100

Account updated successfully!

     Bank Menu
  ====================
 1.   Create Checking Account
 2.   Create Gold Account
 3.   Create Regular Account
 4.   Deposit
 5.   Withdraw
 6.   Display Account Info.
 7.   Remove an Account
 8.   Apply end of month (Interest/Fees)
 9.   Display Bank Statistics
 10. Exit

Please input your choice (1-10): 8
```

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Please input your choice (1-10): 8

All accounts are updated successfully!


    Bank Menu
 ======================
 1.  Create Checking Account
 2.  Create Gold Account
 3.  Create Regular Account
 4.  Deposit
 5.  Withdraw
 6.  Display Account Info.
 7.  Remove an Account
 8.  Apply end of month (Interest/Fees)
 9.  Display Bank Statistics
 10. Exit

Please input your choice (1-10): 9

Bank statistics:
================
Total bank balance: 295.0
Average balance: 98.33333333333333
Number of empty accounts: 0
Largest account owner: John Smith


    Bank Menu
 ======================
 1.  Create Checking Account
 2.  Create Gold Account
 3.  Create Regular Account
 4.  Deposit
 5.  Withdraw
 6.  Display Account Info.
 7.  Remove an Account
 8.  Apply end of month (Interest/Fees)
 9.  Display Bank Statistics
 10. Exit

Please input your choice (1-10): 10
Press any key to continue . . .
```