Automatic evaluation[-]
Proposed grade: 100.0 / 100
Result Description
[+]Grading and Feedback
BankApp/src/com/dao/AccountDAO.java

```
 1 package com.dao;
 2
 3
 4 import java.util.ArrayList;
 5 import java.util.List;
 6
 7 //import com.model.Customer;
 8 import com.model.Account;
 9
10 //import java.io.IOException;
11
12 public class AccountDAO {
13
14     List<Account> accountList = new ArrayList<>();
15
16     public void addAccount(Account account){
17         accountList.add(account);
18     }
19
20     public Account viewAccountByAccountNumber(int accountNumber) {
21
22         if(accountList.isEmpty()){
23             return null;
24         }
25         else{
26             for(Account a : accountList){
27                 if(a.getAccountNumber()==accountNumber){
28                     return a;
29                 }
30             }
31         return null;
32     }
33     }
34
35 }
36
```

BankApp/src/com/dao/CustomerDAO.java

```
 1 package com.dao;
 2
 3 import java.util.*;
 4
 5 import com.model.Customer;
 6
 7 public class CustomerDAO {
 8
 9     List<Customer> customerList = new ArrayList<>();
10
11     public void addCustomer(Customer customer){
12         customerList.add(customer);
13     }
14
15     public List<Customer> viewAllCustomer(){
```

```
16          if(customerList.isEmpty()){
17              return null;
18          }
19          return customerList;
20      }
21
22      public boolean updatePan(int customerId,String panNumber){
23          //boolean flag=false;
24          for(Customer c : customerList){
25              if(c.getCustomerId()==customerId){
26                  c.setPanNumber(panNumber);
27                  return true;
28              }
29          }
30          return false;
31      }
32
33  }
34
```

BankApp/src/com/dao/TransactionDAO.java

```
 1  package com.dao;
 2
 3  import java.util.ArrayList;
 4  import java.util.List;
 5
 6  import com.model.Transaction;
 7
 8  public class TransactionDAO {
 9
10      List<Transaction> transactionList = new    ArrayList<Transaction>();
11
12      public List<Transaction> getTransactionList() {
13          return transactionList;
14      }
15
16          public void addTransaction(Transaction obj){
17              transactionList.add(obj);
18          }
19
20          public void removeObj(int transactionId){
21              transactionList.remove(transactionId);
22          }
23  }
24
```

BankApp/src/com/model/Account.java

```
 1  package com.model;
 2
 3  public class Account {
 4      int accountNumber;
 5      String accountType="Savings";
 6      Customer customer;
 7      double balance;
 8      static final float MINIMUMBALANCE=5000;
 9      static final float TRANSACTIONCHARGES=150;
10
11      public Account(int accountNumber, String accountType, Customer customer, double
balance) {
```

```
12          this.accountNumber = accountNumber;
13          this.accountType = accountType;
14          this.customer = customer;
15          this.balance = balance;
16      }
17
18      public int getAccountNumber() {
19          return accountNumber;
20      }
21
22      public void setAccountNumber(int accountNumber) {
23          this.accountNumber = accountNumber;
24      }
25
26      public String getAccountType() {
27          return accountType;
28      }
29
30      public void setAccountType(String accountType) {
31          this.accountType = accountType;
32      }
33
34      public Customer getCustomer() {
35          return customer;
36      }
37
38      public void setCustomer(Customer customer) {
39          this.customer = customer;
40      }
41
42      public double getBalance() {
43          return balance;
44      }
45
46      public void setBalance(double balance) {
47          this.balance = balance;
48      }
49
50      public static float getMinimumbalance() {
51          return MINIMUMBALANCE;
52      }
53
54      public static float getTransactioncharges() {
55          return TRANSACTIONCHARGES;
56      }
57
58      public void deposit(double amount){
59          balance=balance + amount;
60      }
61
62      public void withdraw(double amount){
63          balance=balance - amount;
64      }
65
66      public boolean checkBalance(double amount){
67          return(balance-amount > MINIMUMBALANCE);
68
```

```
69          /*double bal=0;
70          if(balance-amount > minimumBalance)
71              return true;
72          else
73              return false;*/
74      }
75 }
76
```

BankApp/src/com/model/Customer.java

```
 1 package com.model;
 2
 3 public class Customer {
 4
 5     int customerId;
 6     String customerName;
 7     String address;
 8     String panNumber;
 9
10     public Customer(int customerId, String customerName, String address, String panNumber) {
11         super();
12         this.customerId = customerId;
13         this.customerName = customerName;
14         this.address = address;
15         this.panNumber = panNumber;
16     }
17
18
19     public int getCustomerId() {
20         return customerId;
21     }
22
23     public void setCustomerId(int customerId) {
24         this.customerId = customerId;
25     }
26
27     public String getCustomerName() {
28         return customerName;
29     }
30
31     public void setCustomerName(String customerName) {
32         this.customerName = customerName;
33     }
34
35     public String getAddress() {
36         return address;
37     }
38
39     public void setAddress(String address) {
40         this.address = address;
41     }
42
43     public String getPanNumber() {
44         return panNumber;
45     }
46
47     public void setPanNumber(String panNumber) {
```

```
48          this.panNumber = panNumber;
49      }
50 }
51
```

BankApp/src/com/model/Transaction.java

```
 1 package com.model;
 2
 3 public class Transaction {
 4
 5     int transactionId;
 6     Account account;
 7     String transactionType="Saving";
 8     double amount;
 9
10     public Transaction(int transactionId, Account account, String transactionType,
double amount) {
11          this.transactionId = transactionId;
12          this.account = account;
13          this.transactionType = transactionType;
14          this.amount = amount;
15     }
16
17     public int getTransactionId() {
18          return transactionId;
19     }
20
21     public void setTransactionId(int transactionId) {
22          this.transactionId = transactionId;
23     }
24
25     public Account getAccount() {
26          return account;
27     }
28
29     public void setAccount(Account account) {
30          this.account = account;
31     }
32
33     public String getTransactionType() {
34          return transactionType;
35     }
36
37     public void setTransactionType(String transactionType) {
38          this.transactionType = transactionType;
39     }
40
41     public double getAmount() {
42          return amount;
43     }
44
45     public void setAmount(double amount) {
46          this.amount = amount;
47     }
48 }
49
```

Grade

Reviewed on Tuesday, 4 May 2021, 2:24 AM by Automatic grade

Grade 100 / 100
Assessment report
[+]Grading and Feedback