

**DEPARTMENT OF COMPUTER TECHNOLOGY
ANNA UNIVERSITY**

PROJECT

**AUTOMATION FINANCE MANAGEMENT
SYSTEM**

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```
g[] args) {
String name=null, aadhaarNo=null, mobileNo=null, address=null, place=null, typeOfProperty=null;
int valueOfProperty=0;
float amountWanted=0;
Scanner in = new Scanner(System.in);
User user;
DatabaseHandler dbHandler = new DatabaseHandler();
dbHandler.createDatabaseIfNotExists();
Admin admin1 = new Admin();
dbHandler.insertAdminData(admin1);
```

```
int choice;
do {
System.out.println("\t\t1--->USER... ");
System.out.println("\t\t2--->ADMIN. ..");
System.out.print("\t\tEnter your choice (1 or 2): ");
choice = in.nextInt();
System.out.println();
}
```

```

System.out.println("\n");
System.out.println("\t
FINANCE*****");
System.out.println("\n");
System.out.println("\t\t*****
*****");
System.out.println("\t\t* TYPE OF INTEREST * INTEREST(%) * MIN AMOUNT *
MAX AMMOUNT * TIME LIMIT * TYPE OF PROPERTIES *");
System.out.println("\t\t*****
*****");
System.out.println("\t\t* 1.Weakly Interest * 1% * 100 * 1000 * 10
Weeks * Valid Doc(License) *");
System.out.println("\t\t* * * * *");
System.out.println("\t\t* 2.Monthly Interest * 2% * 10,000 * 50,000 * 1
Year * Gold / valid Doc *");
System.out.println("\t\t*****
*****");
System.out.println("\t\t* For More Information Please Contact Ph.No:6543278901 / 9087654321
*");

```

```

System.out.println("\t\t*                               *****
*");
System.out.println("\t\t*****
*****");
System.out.print("\n");
System.out.println("\t\tDo You Want To Register (Yes / No:");
String registerChoice = in.next();
if (registerChoice.equalsIgnoreCase("yes")) {
System.out.print("\t\tName : ");
name = in.next();
System.out.println("\n");
System.out.print("\t\tAadhaar no :");
aadhaarNo = in.next();
System.out.print("\n");
System.out.print("\t\tMobile No : ");
mobileNo = in.next();
System.out.println("\n");
System.out.print("\t\tAddress : ");
address = in.next();
System.out.println("\n");
System.out.print("\t\tPlace : ");
place = in.next();
System.out.println("\n");
System.out.print("\t\tType Of Property : ");
typeOfProperty = in.next();
System.out.println("\n");
System.out.print("\t\tValue of Property : ");
valueOfProperty = in.nextInt();
System.out.println("\n");
System.out.print("\t\tHow much you want : ");
amountWanted = in.nextFloat();
System.out.println("\n");
user = new User(name, aadhaarNo, mobileNo, address, place, typeOfProperty, valueOfProperty,
amountWanted);
dbHandler.insertUserData(user);
System.out.println("\t\tYou details will be processing...");
System.out.print("\n");
} else {
System.out.println("\t\tRegistration canceled.");
}
break;
case 2:
System.out.print("\t\tEnter the User's Aadhaar number: ");
String enteredAadhaarNo = in.next();
user = dbHandler.getUserData(enteredAadhaarNo);
System.out.println("\t\t\t1. Calculation.");
System.out.println("\t\t\t2. Enquiry.");
System.out.print("\t\tEnter your choice (Calculation / Enquiry): ");
int adminChoice = in.nextInt();

```

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switch (adminChoice) {
case 1:
System.out.println("\t\t\t1. Monthly profit");
System.out.println("\t\t\t2. Weekly profit");
System.out.print("\t\t\tEnter your choice (1 or 2): ");
int calculationChoice = in.nextInt();
String registrationChoiceAdmin;
float interestPercentage, interest, monthlyInterest, weeklyInterest;
double montlyProfit;
if(calculationChoice== 1 && user.getAmountWanted()>=100000)
{
System.out.print("\n");
System.out.println("\t\tBasic interest for monthly package:2%");
System.out.print("\n");
System.out.println("\t\tDo u want to change the interest(Yes/no): ");
registrationChoiceAdmin = in.next();
System.out.print("\n");
if(registrationChoiceAdmin.equalsIgnoreCase("yes"))
{
System.out.println("\n");
System.out.print("\t\tSet the interest:");
interest=in.nextFloat();
interestPercentage=interest/100; //(interest/100)=>assume interest=2 ch_5=2/100=0.02///
monthlyInterest=user.getAmountWanted()*interestPercentage;
System.out.println("\n");
System.out.println("\t\tyour profit for monthly interest: "+monthlyInterest);
System.out.println("\n");
}
else{
System.out.println(registrationChoiceAdmin.equalsIgnoreCase("yes"));
System.out.println(registrationChoiceAdmin);
System.out.print("\n");
montlyProfit=user.getAmountWanted() *(0.02);
System.out.println("\t\tyour profit for monthly interest: "+montlyProfit);
System.out.println("\n");
}
}
else if(calculationChoice== 2 && user.getAmountWanted()>=1000)
{
System.out.println("\n");
System.out.println("\t\tBasic interest for weakly package : 1%");
System.out.print("\n");
System.out.println("\t\tDo u want to change the interest(Yes/no):");
registrationChoiceAdmin= in.next();
System.out.print("\n");
if(registrationChoiceAdmin.equalsIgnoreCase("yes"))
{
System.out.println("\n");
System.out.print("\t\tSet the interest: ");
interestPercentage=in.nextFloat();

```

```

interest=interestPercentage/100; //(interest/100)=>assume interest=2 ch_10=2/100=0.02///
weeklyInterest=user.getAmountWanted() *interest;
System.out.println("\n");
System.out.println("\t\t your profit for weakly interest : "+weeklyInterest);
System.out.println("\n");
}
else{
System.out.println("\n");
weeklyInterest= (float) (user.getAmountWanted()*(0.01));
System.out.println("\t\t your profit for daily interest : "+weeklyInterest);
System.out.println("\n");
}
}
else
{
System.out.println("\n");
System.out.print("\t\t Total amount must be greater than 1 thousand(weakly) & 1 lakhs(monthly)... ");
System.out.println("\n");
break;
}
break;
case 2:
if(adminChoice==2)
{
int packageChoice;
String confirmPackage;
user = dbHandler.getUserData(enteredAadhaarNo);
System.out.println("\n");
System.out.println("\t\t your name : "+user.getName());
System.out.println("\n");
System.out.println("\t\t your address : "+user.getAddress());
System.out.println("\n");
System.out.println("\t\t your Aadhaar no : "+user.getAadhaarNo());
System.out.println("\n");
System.out.println("\t\t your mobile no : "+user.getMobileNo());
System.out.println("\n");
System.out.println("\t\t your place : "+user.getPlace());
System.out.println("\n");
System.out.println("\t\t your value of property : "+user.getValueOfProperty());
System.out.println("\n");
System.out.println("\t\t Money wanted : "+user.getAmountWanted());
System.out.println("\n");
//          System.out.println("\t\t Your total amount : " );//replace when db connected
//          System.out.println("\n");
System.out.print("\t\t Do you want to confirm the payment(yes/no) : ");
confirmPackage=in.next();
System.out.println("\n");
System.out.println("\t\t\t 1.monthly Package");
System.out.print("\n");
System.out.println("\t\t\t 2.weakly Package");

```

```

System.out.print("\n");
System.out.print("\t\tEnter your choice(1 or 2):");
packageChoice=in.nextInt(); //Choose 1 or 2
if(confirmPackage.equalsIgnoreCase("yes") && admin1.getTotalAmount()>=
user.getAmountWanted())
{
if(packageChoice==1 && user.getAmountWanted()<=1000)
{
System.out.println("\t\tDecide to pick weakly pakage...");
admin1.setTotalAmount(admin1.getTotalAmount() - user.getAmountWanted());
dbHandler.updateAdminTotalAmount(admin1.getAdminId(),admin1.getTotalAmount());
System.out.println("\t\tyour transaction is confirmed...");
System.out.println("\t\tyour current balance : "+admin1.getTotalAmount());
}
if(packageChoice==2 && user.getAmountWanted()>=1000 && user.getAmountWanted()<=100000)
{
System.out.println("\t\tDecide to pick monthly pakage...");
admin1.setTotalAmount(admin1.getTotalAmount() - user.getAmountWanted());
dbHandler.updateAdminTotalAmount(admin1.getAdminId(),admin1.getTotalAmount());
System.out.println("\t\tyour transaction is confirmed...");
System.out.println("\t\tyour current balance : "+admin1.getTotalAmount());
}
}}
break;
default:
System.out.println("\t\t\tInvalid choice!");
}
break;
default:
System.out.println("\t\tInvalid choice!");
}
System.out.print("\t\tDo you want to continue? Enter (1 for Yes / 0 for No): ");
choice = in.nextInt();
System.out.println();
} while (choice == 1);
dbHandler.closeConnection();
}
}

```

OUTPUT:

-----**AUTOMATION FINANCE **-----

1--->USER....

2--->ADMIN....

Enter your choice (1 or 2): 1

1user...

*****AUTOMATION FINANCE*****

```
*****
* TYPE OF INTEREST * INTEREST(%) * MIN AMOUNT * MAX AMMOUNT * TIME LIMIT * TYPE OF PROPERTIES *
*****
* 1.Weakly Interest * 1% * 100 * 1000 * 10 Weeks * Valid Doc(License) *
* * * * *
* 2.Monthly Interest * 2% * 10,000 * 50,000 * 1 Year * Gold / valid Doc *
*****
* For More Information Please Contact Ph.No:6543278901 / 9087654321 *
* * * * *
*****
```

Do You Want To Register (Yes / No):

yes

Name : VELU

Aadhaar no :3317

Mobile No : 8778316645

Address : velu street

Place :

Type Of Property : gold

Value of Property : 10000000

How much you want : 10000|

User data inserted successfully.

You details will be processing...

Do you want to continue? Enter (1 for Yes / 0 for No): 1

1--->USER....

2--->ADMIN....

Enter your choice (1 or 2): 2

Enter the User's Aadhaar number: 3317

1. Calculation.

2. Enquiry.

Enter your choice (Calculation / Enquiry): 2

your name : VELU

your address : velu

your Aadhaar no : 3317

your mobile no : 8778316645

your place : street

your value of property : 10000000

Money wanted : 10000.0

Do you want to confirm the payment(yes/no) : yes

1.monthly Package

2.weakly Package


```
Enter your choice(1 or 2):2
Decide to pick monthly pakage...
Admin total amount updated successfully.
your transaction is confirmed...
your current balance : 9990000.0
Do you want to continue? Enter (1 for Yes / 0 for No): |
```

DATABASE CONNECTION:

```
mysql> use finance;
Database changed
mysql> select * from admins;
+-----+-----+
| admin_id | totalamount |
+-----+-----+
| 1 | 10000000 |
+-----+-----+
1 row in set (0.00 sec)

mysql> select * from users;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| user_id | name | aadhaar_no | mobile_no | address | place | type_of_property | value_of_property | amount_wanted |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1 | VELU | 3317 | 8778316645 | velu | street | gold | 10000000 | 10000 |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select * from admins;
+-----+-----+
| admin_id | totalamount |
+-----+-----+
| 1 | 9990000 |
+-----+-----+
1 row in set (0.00 sec)

mysql> |
```