

TOPIC: BANKING SYSTEM USING JAVA

GROUP MEMBERS:

<u>NAME</u>	<u>COLLEGE</u>	<u>REGISTRATION NO:</u>
1. Subhrangshu Chaudhuri	JIS COLLEGE OF Engineering	15489
2. Subhajit Ganguly	JIS COLLEGE OF Engineering	15452
3. Sukanta Sharma	JIS COLLEGE OF Engineering	15499
4. Subhro Dutta	JIS COLLEGE OF Engineering	15502
5. Satyabrata Sarkar	JIS COLLEGE OF Engineering	15501

J Roy Choudhury



INDEX

ITEM	PAGE NO
TITLE PAGE.....	1
INDEX.....	2
ACKNOWLEDGEMENT.....	3
REQUIREMENT SPECIFICATION.....	4-6
TABLE DESCRIPTION.....	7-10
DATA FLOW DIAGRAM.....	11
SCREEN SHOTS.....	12-43
FUTURE SCOPE OF IMPROVEMENT	44
CODE.....	45-122
PROJECT CERTIFICATES.....	123-127

ACKNOWLEDGEMENT

First of all we would like to thank God as finally we were able to finish our project that was given to us. This task had been done with all effort by our group members.

We were able to adapt properly and wisely. Besides that, big thank we address to our course lecturer because without his guidance our project could not be done properly like this.

Finally, thank to our beloved friends that always stick together and also work hard to produce a good project with all afford and responsibility. Hope that all the determination will give a lot of benefits to us and also to our group project. Million thanks also we wish to our entire classmates because they also help us in doing our group. They always gave us ideas and comments on our project so that we can improve our project in many ways.

This project has been a great learning curve for us which will surely hold us in good stead in the upcoming years of our life.

Finally we would like to extend our thanks to the whole Globsyn Skills fraternity for this truly memorable one month of our life.

J Roy Chowdhury



REQUIREMENT SPECIFICATION

DOMAIN DESCRIPTION:

Q. What is the banking system? Who are the main players/actor?

Banking system in our project refers to the manual data entry-file type system, without the use of the online type, where there are mainly two actors, the OPERATOR & ADMINISTRATOR . In the bank , here the user provides the information to the operator about the job the user wants and conveys that to the operator. The operator on behalf of the user fills the necessary tabloid for that application of the user to be processed.

Here in our project is the main player is the ADMIN. The Admin creates an operator who works on behalf of the Admin.

PROBLEM DEFINITION:

Q. Why should anyone take our project? What are the advantages of our project?

The Banking System of our project can be a real handful , as our project completely evades out the manual records , and also on the other hand reduces the dependence on the internet thus reducing costs. In our system , first an user fills up a form and gives to an appointed operator who can create an account for the user , delete an account , can issue loan , locker , open a savings or a fixed deposit account , also can issue Demand drafts , ATM cards , Cheque book among various other functions . The Administrator of the bank appoints the various operators of the bank and the Admin has access to all these details apart from the operators , so there are basically two main actors in our project the Admin and the operator . Although the ADMIN is the real head in the bank but all the jobs of the user are done by the Operator on behalf of the Admin.

J. Roy Chowdhury



The admin on the other hand can create the operator , delete an operator , view all details of an user , search an User or an Operator. The Admin can also view information on the Locker details , fixed deposit details , loans issued etc.

Moreover our project can store all the records of the user in the Files that are created in our project.

FUNCTIONAL REQUIREMENTS:

ADMINISTRATOR: The main functions of the Administrator in our project are as given below:

1. Creating or adding a new Operator for the bank.
2. The admin can search an Operator about the whereabouts of the Operator.
3. The Admin can also delete an Operator.
4. Viewing all the Operators together, their details in the form of a list.
5. The Admin can also search an User of the bank.
6. The Admin can also view all the users at once, besides the Admin can also delete a User without asking from the Operator, such is the power of the Administrator.
7. Viewing the Loan details and the Locker details.
8. A big factor is that when a User wants to take Loan or a Locker then without the permission or the consent of the Admin the loan or the Locker cannot be sanctioned by the Operator itself.
9. Besides the Admin can also view the fixed deposit details as well.
10. The Admin has an Approve function created from where the consent for taking the loan is forwarded to the Operator.
11. The Admin can check his own Login History or that of any other operator.





OPERATOR: The main functions of the Operator in our project are as given below:

1. Adding a new account for the User.
2. Deleting an existing account of the user.
3. Adding a withdraw function for the money transactions.
4. Adding a deposit function for transactions in the account of the user.
5. Adding a money transfer function for the transfer of funds from account of one user to the other account.
6. The Operator can check the Individual Passbook of each account holder in the bank just by searching the account number or the username.
7. Adding a function for viewing the details of an account holder in the bank.
8. Adding a function for issuing a cheque book, a Demand Draft, ATM card.
9. Adding a function for applying for a loan to be formally approved only by the Admin.
10. Adding a function for a fixed deposit account for the user.
11. Adding a function for applying of a locker which will also be approved by the Admin.

● HARDWARE/SOFTWARE REQUIREMENTS:

1. CPU :- Intel i3
2. RAM :- 512MB
3. Operating system :- Windows 7 or Higher version
4. Platform :- Eclipse Juno (x86)
5. JavaSE version 7 update 21

J Roy Chowdhury



DATABASE DESIGN

TABLE DESCRIPTION

CLASS NAME: Create

FILE NAME: Regis.dat

<u>SL NO</u>	<u>DATA TYPE</u>	<u>VARIABLE NAME</u>	<u>VARIABLE DESCRIPTION</u>
1	String	name	Stores the user first name.
2	String	name1	Stores the user last name.
3	String	address	Stores the user address.
4	String	email	Stores the user email id.
5	String	nationality	Store the user nationality.
6	String	acctype	Store the user account type.
7	String	city	Stores the user city name.
8	String	gender	Stores the sex of the user
9	String	dob	Stores the date of birth of the user
10	String	date	Stores the date of the user registration
11	String	time	Stores the time of the user registration
12	String	Identity	Stores the Identity of the user
13	String	profession	Stores the profession of the user
14	String	initialamnt	Stores the initial amount of the user

J Roy Chowdhury



Document sign date :Aug 2, 2013

CLASS NAME: OperatorRegData

FILE NAME: Reg.dat

<u>SL NO</u>	<u>DATA TYPE</u>	<u>VARIABLE</u>	<u>VARIABLE DESCRIPTION</u>
1	String	name	Stores first name of operator
2	String	name1	Stores last name of operator
3	String	password	Stores password of operator
4	String	address	Stores address of operator
5	String	city	Stores the city name of operator
6	String	gender	Stores the sex of the operator
7	String	salary	Stores the salary of the operator
8	String	dob	Stores the date of birth of the operator
9	String	date	Stores the system date of registration
10	String	time	Stores the system time of registration

CLASS NAME: Actotal

FILE NAME: actotal.dat

<u>SL NO</u>	<u>DATA TYPE</u>	<u>VARIABLE</u>	<u>VARIABLE DESCRIPTION</u>
1	int	total	Stores the amount present in user account
2	int	account	Stores user account number
3	int	depo	Stores the deposit made by the user
4	int	withdraw1	Stores the withdrawal made by the user
5	String	date	Stores the date of user transactions
6	String	time	Stores the time of user transactions

J Roy Chowdhury



Document sign date :Aug 2, 2013

CLASS NAME: Depo

FILE NAME: fixed.dat

<u>SL NO</u>	<u>DATA TYPE</u>	<u>VARIABLE NAME</u>	<u>VARIABLE DESCRIPTION</u>
1	String	savingsacc	Stores user savings account number
2	String	fixeddepoacc	Stores user fixed deposit account number.
3	String	savingsaccbal	Stores user savings account balance
4	String	fixedamnt	Stores user fixed deposit amount
5	String	terms	Stores terms of fixed deposit
6	String	rate	Stores rate of fixed deposit of user
7	String	date	Stores system date
8	String	time	Stores system time

CLASS NAME: LoanData

FILE NAME: loan.dat

<u>SL No</u>	<u>DATA TYPE</u>	<u>VARIABLE NAME</u>	<u>VARIABLE DESCRIPTION</u>
1	String	bankacc	Stores account number of user
2	String	acc	Stores loan account number of user
3	String	amnt	Stores loan amount of user
4	String	acctype	Stores loan account type of user
5	String	terms	Stores loan terms of user
6	String	Rate	Stores loan rate of user
7	String	date	Stores system date
8	String	time	Stores system time
9	String	approve	Stores approval which is default set False for all users.

J Roy Chowdhury



CLASS NAME: LockerData

FILE NAME: locker.dat

<u>SL NO</u>	<u>DATA TYPE</u>	<u>VARIABLE NAME</u>	<u>VARIABLE DESCRIPTION</u>
1	String	acc	Stores account number of user
2	String	lockno	Stores locker number of user
3	String	bal	Stores balance present in savings account of user
4	String	terms	Stores locker terms of user
5	String	date	Stores System date
6	String	time	Stores System time
7	String	decision	Stores decision which is default set False for all users.

CLASS NAME: AdminLoginHistoryData

FILE NAME: AdminLoginData.dat

<u>SL NO</u>	<u>DATA TYPE</u>	<u>VARIABLE NAME</u>	<u>VARIABLE DESCRIPTION</u>
1	String	ALoginDate	Stores login date of admin
2	String	ALoginTime	Stores login time of admin
3	String	ALogoutDate	Stores logout date of admin
4	String	ALogoutTime	Stores logout time of admin

CLASS NAME: OperatorLoginHistoryData

FILE NAME: OperatorLoginData.dat

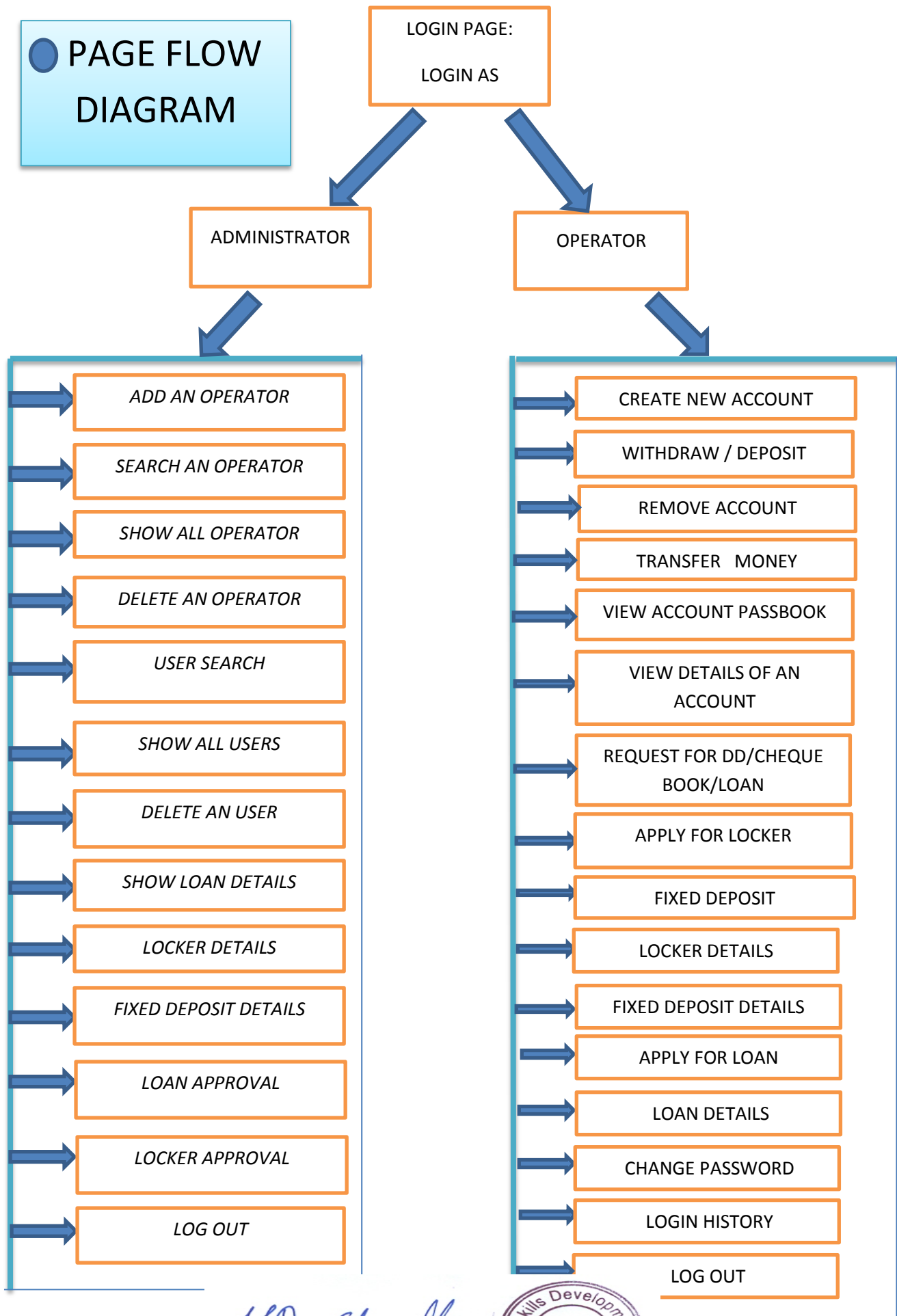
<u>SL NO</u>	<u>DATA TYPE</u>	<u>VARIABLE NAME</u>	<u>VARIABLE DESCRIPTION</u>
1	String	OperatorFirstName	Stores first name of Operator
2	String	OLoginDate	Stores login date of Operator
3	String	OLoginTime	Stores login time of Operator
4	String	OLogoutDate	Stores logout date of Operator
5	String	OLogoutTime	Stores logout time of Operator

J Roy Chowdhury



Document sign date :Aug 2, 2013

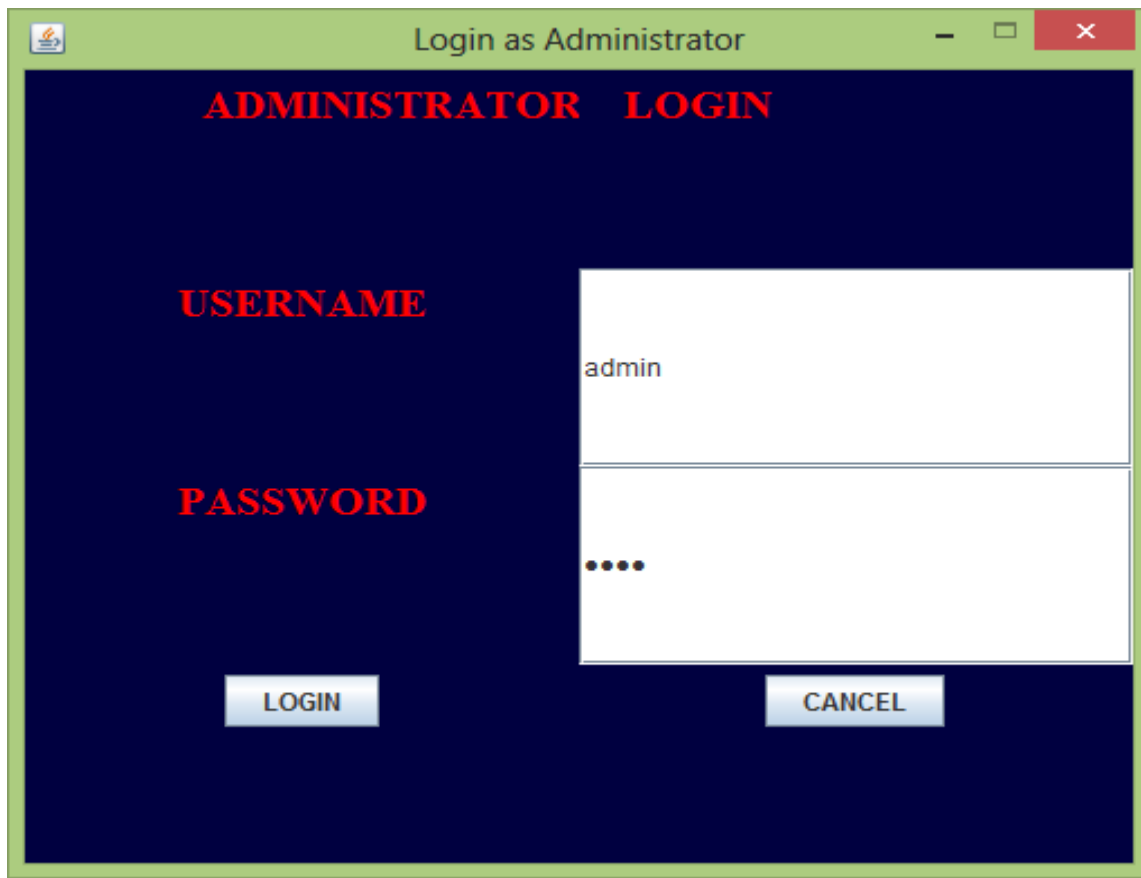
PAGE FLOW DIAGRAM



J Roy Chowdhury



SCREEN SHOTS



J Roy Chowdhury



Log in as operator

OPERATOR LOGIN

USERNAME

Globsyn

PASSWORD

.....

LOGIN BACK

Welcome Administrator

ADMINISTRATOR

ADD AN OPERATOR SEARCH AN OPERATOR

DELETE AN OPERATOR SHOW ALL OPERATORS

SHOW ALL USERS SEARCH AN USER

LOCKER DETAILS OF USER FIXED DEPOSIT DETAILS

LOCKER APPROVE LOAN APPROVE

LOAN DETAILS OF USER LOGIN HISTORY

DELETE AN USER LOG OUT

J Roy Chowdhury



Document sign date :Aug 2, 2013

Operator registration

OPERATOR	REGISTRATION
Enter First Name	Subhranshu
Enter Last Name	Chaudhuri
Enter Password
Enter Address	66/2 Jawpur Road,Barrackpur
Select City	Kolkata
Select Gender	<input checked="" type="radio"/> Male <input type="radio"/> Female
Select DOB	18 4 1993
Salary	100000-600000
Current Date	4/7/2013
Current Time	20:54:20
Register	BACK

Operator Search

OPERATOR	SEARCH
Give OPERATOR First name	Subhrangshu
SUBMIT	BACK

J Roy Chowdhury



Operator Delete

OPERATOR **Delete**

Give OPERATOR First name

Subhrangshu

Delete BACK

DISPLAY ALL OPERATORS INFORMATION

All Registration Details

First Name	Last name	Password	Address	City	Gender	Date Of Bir...	Reg Date	Reg Time
Subhajit	Ganguly	12345	dundun	Kolkata	Male	1-1-1989	3/7/2013	17:49:26
Sukanta	Sharma	1234	naihati	Kolkata	Male	1-1-1989	3/7/2013	20:9:34
Globsyn	Skills	1234	Salt lake	Kolkata	Male	1-1-1989	4/7/2013	13:43:41

J Roy Chowdhury

Document sign date :Aug 2, 2013

Globsyn Skills Development P. Ltd. Kolkata

DISPLAY ALL USERS INFORMATION											
All Registration Details											
First N...	Last na...	Address	Nation...	Accoun...	Date Of...	Identity	Profes...	Reg Da...	Reg Ti...	A/c no	Balance
Sukanta	ss	ss	ind	Savings	1-1-19...	Pan Ca...	Govern...	3/7/2013	18:46:36	1028	2200
Subhro	Dutta	Barasat	ind	Savings	1-1-19...	Pan Ca...	Govern...	4/7/2013	11:29:41	1027	2000
Subhajit	Ganguly	Dumdu...	Indian	Savings	18-4-1...	Driving ...	Student	4/7/2013	21:8:50	1234	10000
Subhra...	Chaud...	Barrac...	Indian	Savings	18-4-1...	Driving ...	Student	4/7/2013	21:8:50	5678	30000

User Search	
CUSTOMER	SEARCH
Give User A/C no	<input type="text" value="1234"/>
<input type="button" value="SUBMIT"/>	<input type="button" value="BACK"/>

J Roy Chowdhury



Search for user account number 1234

Registration Details

First N...	Last na...	Address	Nation...	Accoun...	Date Of...	Identity	Profes...	Reg Da...	Reg Ti...	A/c no	Balance
Subhajit	Ganguly	Dumdu...	Indian	Savings	18-4-1...	Driving ...	Student	4/7/2013	21:8:50	1234	10000

LOCKER DETAILS

All Registration Details

Savings Acc no	Locker No	Savings Acc bal	Terms	Date	Time
1028	12478	3200	1	4/7/2013	17:33:28

J Roy Chowdhury



Document sign date :Aug 2, 2013

FIXED DEPOSIT DETAILS							
All Registration Details							
Savings Acc...	Fixed Depo...	Savings Acc...	Fixed Depo...	Terms	Rate	Date	Time
1011	4587	1800	200	1	7	3/7/2013	18:43:25
8888	88881	2900	100	1	7	4/7/2013	2:4:33
8888	88882	2800	100	1	7	4/7/2013	2:5:54
8888	88883	2700	100	1	7	4/7/2013	2:7:29
1028	12345	2200	1000	1	7	4/7/2013	10:10:19

PENDING LOCKER REQUEST FOR APPROVAL						
All Registration Details						
Savings Acc no	Locker No	Savings Acc bal	Terms	Date	Time	
1028	45678	2200	1	4/7/2013	18:1:39	

LOCKER APPROVAL PAGE

Enter Locker no

45678

APPROVE

BACK

J Roy Chowdhury



Document sign date :Aug 2, 2013

PENDING LOAN REQUEST FOR APPROVAL

All Registration Details

Bank A/C no	Loan A/C no	Loan Amount	Loan Type	Terms	Rate	Date	Time
1234	12345	100000	Car	3	7.65%	4/7/2013	21:24:14

LOAN APPROVAL PAGE

Enter Loan A/C no

12345

APPROVE BACK

LOAN DETAILS

All Registration Details

Bank A/C no	Loan A/C no	Loan Amount	Loan Type	Terms	Rate	Date	Time
1028	12564	10000	Education	1	13.52%	4/7/2013	17:17:43
9999	15648	20000	Education	1	13.52%	4/7/2013	17:18:6
1028	98745	100000	Education	1	13.52%	4/7/2013	17:57:17
1028	10289	30000	Education	1	13.52%	4/7/2013	17:57:46

J Roy Chowdhury



Document sign date :Aug 2, 2013

Remove an user

USER **Delete**

Give USER A/C no

1234

Delete BACK

LOGIN HISTORY

LOGIN HISTORY

ADMIN LOGIN HISTORY

OPERATOR LOGIN HISTORY

BACK

J Roy Chowdhury

Document sign date :Aug 2, 2013

Glostin Skills Development P. Ltd.
Kolkata

Admin Login History			
Login Date	Login Time	Logout Date	Logout Time
4/7/2013	17:11:20	4/7/2013	17:12:0
4/7/2013	17:12:49	-	-
4/7/2013	17:18:50	4/7/2013	17:20:30
4/7/2013	17:23:10	-	-
4/7/2013	17:33:39	-	-
4/7/2013	17:49:50	-	-
4/7/2013	17:58:27	-	-
4/7/2013	18:5:21	-	-
4/7/2013	18:8:12	-	-
4/7/2013	18:8:47	-	-
4/7/2013	18:9:24	-	-
4/7/2013	20:51:20	4/7/2013	21:8:21
4/7/2013	21:10:47	4/7/2013	21:23:23
4/7/2013	21:24:24	-	-

Operator LOGIN HISTORY	
OPERATOR LOGIN	HISTORY
OPERATOR FIRST NAME	Subhajit
SEARCH	CANCEL

Login history for operator Subhajit				
First Name	Login Date	Login Time	Logout Date	Logout Time
Subhajit	3/7/2013	18:51:14	-	-
Subhajit	3/7/2013	18:52:17	3/7/2013	18:53:26
Subhajit	3/7/2013	20:8:40	-	-
Subhajit	4/7/2013	10:11:6	4/7/2013	10:11:21
Subhajit	4/7/2013	10:12:5	4/7/2013	10:12:20
Subhajit	4/7/2013	17:3:58	4/7/2013	17:4:25
Subhajit	4/7/2013	17:8:15	4/7/2013	17:8:54
Subhajit	4/7/2013	17:10:11	4/7/2013	17:11:13
Subhajit	4/7/2013	17:12:8	4/7/2013	17:12:41
Subhajit	4/7/2013	17:17:6	4/7/2013	17:18:40
Subhajit	4/7/2013	17:32:51	4/7/2013	17:33:32
Subhajit	4/7/2013	17:56:22	4/7/2013	17:58:8
Subhajit	4/7/2013	18:0:51	-	-
Subhajit	4/7/2013	21:23:37	4/7/2013	21:24:19

Welcome Administrator

ADMINISTRATOR

ADD AN OPERATOR SEARCH AN OPERATOR

DELETE AN OPERATOR SHOW ALL OPERATORS

SHOW ALL H AN USER

LOCKER DETAIL POSIT DETAILS

LOCKER APPROVE LOAN APPROVE

LOAN DETAILS OF USER LOGIN HISTORY

DELETE AN USER LOG OUT

Select an Option

Are You Sure to cancel?

Yes No Cancel

LOGIN AS OPERATOR

Welcome Subhajit

OPERATOR FUNCTIONS

CREATE NEW ACCOUNT	WITHDRAWAL/DEPOSIT
REMOVE ACCOUNT	TRANSFER MONEY
VIEW ACCOUNT PASS BOOK	REQUEST FOR DD/CHEQUE BOOK/LOAN
FIXED DEPOSIT	FIXED DEPOSIT DETAILS
APPLY FOR LOCKER	LOCKER DETAILS
VIEW DETAILS OF AN ACCOUNT	LOGIN HISTORY
CHANGE PASSWORD	LOG OUT

J Roy Chowdhury



Document sign date :Aug 2, 2013

CREATE NEW USER

ACCOUNT OPENING FORM	
Enter First Name	<input type="text"/>
Enter Last Name	<input type="text"/>
Enter Address	<input type="text"/>
Enter Phone Number(Landline)	<input type="text"/>
Enter Phone Number(Mobile)	<input type="text"/>
Select Sex	<input type="radio"/> Male <input type="radio"/> Female
Natinality	<input type="text"/>
Select Age	<input type="text"/>
Select A/C Type	<input type="radio"/> Savings
Date of Birth	<input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="1989"/>
Enter Annual Income	<input type="text" value="<50000"/>
Enter Profession	<input type="text" value="Government Service"/>
Enter Marital Status	<input type="radio"/> Married <input type="radio"/> Single
Enter Identity Proof	<input type="text" value="Pan Card"/>
Enter Identity proof no:	<input type="text"/>
Give a 4-digit Account number	<input type="text"/>
Initial Amount	<input type="text"/>
Current Date	<input type="text" value="4/7/2013"/>
Current Time	<input type="text" value="23:5:49"/>
<input type="button" value="SUBMIT"/> <input type="button" value="BACK"/>	

J Roy Chowdhury



Document sign date :Aug 2, 2013

DEPOSIT/WITHDRAWAL

DEPOSIT/WITHDRAWAL SLIP

Enter ACCOUNT NO:

1234

ENTER AMOUNT:

5000

WITHDRAW

DEPOSIT

CANCEL

J Roy Chowdhury



Document sign date :Aug 2, 2013

DEPOSIT/WITHDRAWAL SLIP

Enter ACCOUNT NO:

1234

ENTER AMOUNT:

Message

Deposit done successfully

OK

WIT

IT

CANCEL

J Roy Chowdhury



Document sign date :Aug 2, 2013

VIEWING PASSBOOK AFTER DEPOSIT

Passbook					
All Registration Details					
Accno	Withdraw	Deposit	Total	Date	Time
1234	0	10000	10000	4/7/2013	21:9:45
1234	0	5000	15000	4/7/2013	23:24:17
1234	0	12540	27540	4/7/2013	23:24:26
1234	5010	0	22530	4/7/2013	23:24:38
1234	0	10000	32530	4/7/2013	23:24:49
1234	2000	0	30530	4/7/2013	23:24:59
1234	10050	0	20480	4/7/2013	23:28:21
1234	50	0	20430	4/7/2013	23:30:59
1234	100	0	20330	4/7/2013	23:33:9
1234	5000	0	15330	4/7/2013	23:40:33
1234	1000	0	14330	4/7/2013	23:45:59
1234	0	5000	19330	4/7/2013	23:59:39

J Roy Chowdhury



Document sign date :Aug 2, 2013

Remove an user

USER **Delete**

Give USER A/C no

Money Transfer

Enter Source A/C no

Enter Destination A/C no

Enter Amount to be Transferred

J Roy Chowdhury



Document sign date :Aug 2, 2013

Money Transfer

Enter Source A/C no

1234

Enter Destination A/C no

Enter Amount

Submit Back

Message

MONEY TRANSFERED SUCCESSFULLY

OK

Money Transfer

Enter Source A/C no

Enter Destination A/C no

Enter Amount

Submit Back

Message

Showing both account holders passbook.

OK

J Roy Chowdhury



Document sign date :Aug 2, 2013

Search for 1234					
PASSBOOK DETAILS					
Accno	Withdraw	Deposit	Total	Date	Time
1234	0	10000	10000	4/7/2013	21:9:45
1234	0	5000	15000	4/7/2013	23:24:17
1234	0	12540	27540	4/7/2013	23:24:26
1234	5010	0	22530	4/7/2013	23:24:38
1234	0	10000	32530	4/7/2013	23:24:49
1234	2000	0	30530	4/7/2013	23:24:59
1234	10050	0	20480	4/7/2013	23:28:21
1234	50	0	20430	4/7/2013	23:30:59
1234	100	0	20330	4/7/2013	23:33:9
1234	5000	0	15330	4/7/2013	23:40:33
1234	1000	0	14330	4/7/2013	23:45:59
1234	0	5000	19330	4/7/2013	23:59:39
1234	5000	0	14330	5/7/2013	0:7:10

Search for 5678					
PASSBOOK DETAILS					
Accno	Withdraw	Deposit	Total	Date	Time
5678	0	30000	30000	4/7/2013	21:10:37
5678	0	5000	35000	5/7/2013	0:7:10

J Roy Chowdhury



Document sign date :Aug 2, 2013

Individual Passbook Display

Enter A/C no

1234

SUBMIT CANCEL

Search for 1234

PASSBOOK DETAILS

Accno	Withdraw	Deposit	Total	Date	Time
1234	0	10000	10000	4/7/2013	21:9:45
1234	0	5000	15000	4/7/2013	23:24:17
1234	0	12540	27540	4/7/2013	23:24:26
1234	5010	0	22530	4/7/2013	23:24:38
1234	0	10000	32530	4/7/2013	23:24:49
1234	2000	0	30530	4/7/2013	23:24:59

J Roy Chowdhury



Document sign date :Aug 2, 2013

Miscellaneous Requests

MAKE DEMAND DRAFT

APPLY FOR CHEQUE BOOK

APPLY FOR ATM CARD

APPLY FOR LOAN

LOAN DETAILS

Go BACK

Demand Draft (DD) Request

Enter A/C no

1234

Enter Amount for making DD

10000|

SUBMIT

BACK

J Roy Chowdhury





Document sign date :Aug 2, 2013

Passbook					
All Registration Details					
Accno	Withdraw	Deposit	Total	Date	Time
1234	0	10000	10000	4/7/2013	21:9:45
1234	0	5000	15000	4/7/2013	23:24:17
1234	0	12540	27540	4/7/2013	23:24:26
1234	5010	0	22530	4/7/2013	23:24:38
1234	0	10000	32530	4/7/2013	23:24:49
1234	2000	0	30530	4/7/2013	23:24:59
1234	10050	0	20480	4/7/2013	23:28:21

Cheque Book Request	
Enter A/C no	1234
Enter Number of Pages	25
Submit	Cancel

Passbook					
All Registration Details					
Accno	Withdraw	Deposit	Total	Date	Time
1234	0	10000	10000	4/7/2013	21:9:45
1234	0	5000	15000	4/7/2013	23:24:17
1234	0	12540	27540	4/7/2013	23:24:26
1234	5010	0	22530	4/7/2013	23:24:38
1234	0	10000	32530	4/7/2013	23:24:49
1234	2000	0	30530	4/7/2013	23:24:59
1234	10050	0	20480	4/7/2013	23:28:21
1234	50	0	20430	4/7/2013	23:30:59

ATM Card Request	
Enter A/C no	1234
Enter Name	Silver International ▼
SUBMIT	CANCEL

Document sign date :Aug 2, 2013

Passbook					
All Registration Details					
Accno	Withdraw	Deposit	Total	Date	Time
1234	0	10000	10000	4/7/2013	21:9:45
1234	0	5000	15000	4/7/2013	23:24:17
1234	0	12540	27540	4/7/2013	23:24:26
1234	5010	0	22530	4/7/2013	23:24:38
1234	0	10000	32530	4/7/2013	23:24:49
1234	2000	0	30530	4/7/2013	23:24:59
1234	10050	0	20480	4/7/2013	23:28:21
1234	50	0	20430	4/7/2013	23:30:59
1234	100	0	20330	4/7/2013	23:33:9

LOAN APPLICATION FORM	
Enter Bank A/c no	1234
Enter Loan A/c no	12345
Enter Loan Type	Car
Enter Loan Term	3
Enter Amount of Loan	50000
SUBMIT	CANCEL

J Roy Chowdhury



LOAN APPLICATION FORM

Enter Bank A/c no 1234

Enter Loan A/c no 123589

Enter Loan Type

Enter Amount of Loan 50000

SUBMIT CANCEL

Message

LOAN REQUEST SENT FOR APPROVAL

OK

LOAN DETAILS

All Registration Details

Bank A/C no	Loan A/C no	Loan Amount	Loan Type	Terms	Rate	Date	Time
1028	12564	10000	Education	1	13.52%	4/7/2013	17:17:43
9999	15648	20000	Education	1	13.52%	4/7/2013	17:18:6
1028	98745	100000	Education	1	13.52%	4/7/2013	17:57:17
1028	10289	30000	Education	1	13.52%	4/7/2013	17:57:46

J Roy Chowdhury



Document sign date :Aug 2, 2013

FIXED DEPOSIT FORM

Enter A/c no 1234

Enter Amount 5000

Enter Term 3 ▼

Enter Fixed Deposit A/C no 36879

SUBMIT **CANCEL**

J Roy Chowdhury



Document sign date :Aug 2, 2013

FIXED DEPOSIT FORM

Enter A/c no 1234

Enter Amount 5000

Enter T 3

Enter Fixed Deposit A/c no 36879

Message

FIXED DEPOSIT COMPLETE

OK

SUBMIT CANCEL

FIXED DEPOSIT DETAILS

All Registration Details

Savings Acc...	Fixed Depo...	Savings Acc...	Fixed Depo...	Terms	Rate	Date	Time
1011	4587	1800	200	1	7	3/7/2013	18:43:25
8888	88881	2900	100	1	7	4/7/2013	2:4:33
8888	88882	2800	100	1	7	4/7/2013	2:5:54
8888	88883	2700	100	1	7	4/7/2013	2:7:29
1028	12345	2200	1000	1	7	4/7/2013	10:10:19
1234	36879	15330	5000	3	7.5	4/7/2013	23:40:33

J Roy Chowdhury



Document sign date :Aug 2, 2013

LOCKER OPENING FORM

Enter A/c no

Enter Terms

Enter LOCKER no

SUBMIT CANCEL

LOCKER OPENING FORM

Enter A/c no

1234

Enter Terms

1

Enter LOCKER no

12

SUBMIT CANCEL

J Roy Chowdhury



Document sign date :Aug 2, 2013

LOCKER OPENING FORM

Enter A/c no

1234

Enter Terms

Error

INVALID LOCKER NUMBER
It should contain only digits with minimum length of 5 digit.

OK

SUBMIT

CANCEL

LOCKER OPENING FORM

Enter A/c no

1234

Enter T

Message

REQUEST SENT FOR APPROVAL

OK

Enter LOCKER no

254789

SUBMIT

CANCEL

LOCKER DETAILS					
All Registration Details					
Savings Acc no	Locker No	Savings Acc bal	Terms	Date	Time
1028	12478	3200	1	4/7/2013	17:33:28
1234	254789	14330	1	4/7/2013	23:45:59

User Search	
CUSTOMER	SEARCH
Give User A/C no	<input type="text" value="1234"/>
<input type="button" value="SUBMIT"/>	<input type="button" value="BACK"/>

Search for user account number 1234

Registration Details											
First N...	Last na...	Address	Nation...	Accoun...	Date Of...	Identity	Profes...	Reg Da...	Reg Ti...	A/c no	Balance
Subhajit	Ganguly	Dumdu...	Indian	Savings	18-4-1...	Driving ...	Student	4/7/2013	21:8:50	1234	14330

Change Password

CHANGE PASSWORD

Enter First Name

Subhajit

Enter Current Password

.....

Enter New Password

.....

Change **Back**

J Roy Chowdhury



Document sign date :Aug 2, 2013

Change Password

CHANGE PASSWORD

Enter First Name

Subhajit

Enter C

Enter New Password

.....

Change Back

Message

Password has been successfully changed

OK

LOGIN HISTORY

First Name	Login Date	Login Time	Logout Date	Logout Time
Subhajit	4/7/2013	10:11:6	4/7/2013	10:11:21
Subhajit	4/7/2013	10:12:5	4/7/2013	10:12:20
Subhajit	4/7/2013	17:3:58	4/7/2013	17:4:25
Subhajit	4/7/2013	17:8:15	4/7/2013	17:8:54
Subhajit	4/7/2013	17:10:11	4/7/2013	17:11:13
Subhajit	4/7/2013	17:12:8	4/7/2013	17:12:41
Subhajit	4/7/2013	17:17:6	4/7/2013	17:18:40
Subhajit	4/7/2013	17:32:51	4/7/2013	17:33:32
Subhajit	4/7/2013	17:56:22	4/7/2013	17:58:8
Subhajit	4/7/2013	18:0:51	-	-
Subhajit	4/7/2013	21:23:37	4/7/2013	21:24:19
Subhajit	4/7/2013	21:39:12	-	-
Subhajit	4/7/2013	23:26:11	4/7/2013	23:46:47
Subhajit	4/7/2013	23:47:44	-	-

J Roy Chowdhury



Document sign date :Aug 2, 2013

FUTURE SCOPE OF IMPROVEMENT

First of all we would like to thank God as finally we were able to finish our project that was given to us. This task had been done with all effort by our group members.

If at all we would like to improve then we would have loved to add certain new functionalities as well provided we had the time to do it. But as the time span for doing our project was limited we had to be satisfied with this much.

We would have loved features like editing profile, approval of the fixed deposit. More importantly we would have added some graphical features if we had the time to do it. In our present version of our project we haven't added any graphics but we would have loved to do it.

With the use of JAVA which is object-oriented programming approach, has been very useful in doing our project but we couldn't avail of the online facility such as online transactions. This type of online transactions could have been done if we had used other platforms but that's the utmost.

But overall we are all very satisfied with our effort in making this a very successful project. All that we had thought of is executed in our project by the dedication of our group.

J Roy Chowdhury



CODE

```
package test;

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.Color;
import java.util.*;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;
import javax.swing.table.DefaultTableModel;

import javax.swing.*;

class FirstWindow extends JFrame implements ActionListener
{
    private JLabel l0,l1,l2,l3;
    private JButton admin,user;

    public FirstWindow(String title)
    {
        super("WELCOME TO UNITED BANK OF PARTNERS");

        Container c=getContentPane();
        c.setLayout(new GridLayout(3,2));

        Font f1=new Font("Times New Roman",Font.BOLD,25);
        l0=new JLabel("WELCOME TO UNITED");
        l0.setFont(f1);
        l0.setForeground(Color.WHITE);
        JPanel fpanel=new JPanel();
        fpanel.add(l0);
        fpanel.setBackground(new Color(0,0,64));

        l1=new JLabel("BANK OF PARTNERS");
        l1.setFont(f1);
        l1.setForeground(Color.WHITE);
        JPanel spanel=new JPanel();
        spanel.add(l1);
        spanel.setBackground(new Color(0,0,64));
```

J Roy Chowdhury



```

        l3=new JLabel("AS:");

        l3.setFont(f1);
        l3.setForeground(Color.WHITE);

        JPanel xpanel=new JPanel();
        xpanel.add(l3);
        xpanel.setBackground(new Color(0,0,64));

        Font f2=new Font("Times New Roman",Font.BOLD,25);
        l2=new JLabel("LOGIN");
        l2.setFont(f2);
        l2.setForeground(Color.WHITE);
        //l1.setBorder(new
javax.swing.border.LineBorder(java.awt.Color.GREEN, 4));
        JPanel ppanel=new JPanel();
        ppanel.add(l2);
        ppanel.setBackground(new Color(0,0,64));

        admin=new JButton("ADMINISTRATOR");

        JPanel gpanel=new JPanel();
        gpanel.add(admin);
        gpanel.setBackground(new Color(0,0,64));
        admin.addActionListener(this);

        gpanel.add(new JLabel(""));

        user=new JButton("OPERATOR");
        JPanel qpanel=new JPanel();
        qpanel.add(user);
        qpanel.setBackground(new Color(0,0,64));
        user.addActionListener(this);
        qpanel.add(user);

        c.add(fpanel);c.add(spanel);
        c.add(ppanel);c.add(xpanel);
        c.add(gpanel);c.add(qpanel);

        setSize(600,450);
        setLocation(200,200);
        setResizable(false);
        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        setVisible(true);

    }

    @Override
    public void actionPerformed(ActionEvent e)
    {

```

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

        if(e.getSource()==admin)
        {
            //JOptionPane.showMessageDialog(this, "HELLO....");
            new SecondWindow() ;
            setVisible(false);
        }
        if(e.getSource()==user)
        {
            //JOptionPane.showMessageDialog(this, "HELLO....");
            new ThirdWindow() ;
            setVisible(false);
        }
    }
}

public class Main
{

    public static void main(String[] args)
    {
        new FirstWindow("WELCOME TO UNITED BANK OF PARTNERS");

    }

}

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.Color;
import java.util.*;
import java.awt.Component;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;

import javax.swing.*.*;

class SecondWindow extends JFrame implements ActionListener
{
    private JLabel l0,l1,l2,l3;
    private JTextField t1;
    private JPasswordField p1;
    private JButton login, cancel;

    private String sysDate, sysTime;

    private ArrayList<AdminLoginHistoryData> alist = new
    ArrayList<AdminLoginHistoryData>();

    //private JLabel lTimeValue;
    //private JLabel lTimeValue;

```

J Roy Chowdhury



```

//private Component lDate;
//private Component lTime;
private boolean flagID = false;
private boolean flagPass = false;

public SecondWindow()
{
    super("Login as Administrator");
    Container c=getContentPane();
    c.setLayout(new GridLayout(4,2));

    Font f1=new Font("Times New Roman",Font.BOLD,20);
    l1=new JLabel("ADMINISTRATOR");
    l1.setFont(f1);
    l1.setForeground(Color.RED);
    JPanel fpanel=new JPanel();
    fpanel.add(l1);
    fpanel.setBackground(new Color(0,0,64));

    l10=new JLabel("LOGIN");
    l10.setFont(f1);
    l10.setForeground(Color.RED);
    JPanel epanel=new JPanel();
    epanel.add(l10);
    epanel.setBackground(new Color(0,0,64));

    //Font f1=new Font("Times New Roman",Font.BOLD,20);
    l2=new JLabel("USERNAME");
    l2.setFont(f1);
    l2.setForeground(Color.RED);
    JPanel apanel=new JPanel();
    apanel.add(l2);
    apanel.setBackground(new Color(0,0,64));

    //Font f1=new Font("Times New Roman",Font.BOLD,20);
    l3=new JLabel("PASSWORD");
    l3.setFont(f1);
    l3.setForeground(Color.RED);
    JPanel bpanel=new JPanel();
    bpanel.add(l3);
    bpanel.setBackground(new Color(0,0,64));

    t1=new JTextField();
    p1=new JPasswordField();

    login=new JButton("LOGIN");
    login.addActionListener(this);
    JPanel cpanel=new JPanel();
    cpanel.add(login);
    cpanel.setBackground(new Color(0,0,64));

    cancel=new JButton("CANCEL");
    c

```

J Roy Chowdhury




```

JPanel dpanel=new JPanel();
dpanel.add(cancel);
dpanel.setBackground(new Color(0,0,64));

/*****DATE*****/

Calendar cal = Calendar.getInstance();

String cday = ""+cal.get(Calendar.DATE);
int x =cal.get(Calendar.MONTH);
String cmonth = ""+(x+1);
String cyear =""+cal.get(Calendar.YEAR);
sysDate = cday+"/"+cmonth+"/"+cyear;

//lDateValue = new JLabel(sysDate);

String chr = ""+cal.get(Calendar.HOUR_OF_DAY);
String cmin = ""+cal.get(Calendar.MINUTE);
String csec =""+cal.get(Calendar.SECOND);
sysTime = chr+":"+cmin":"+csec;

/*lTimeValue=new JLabel(sysTime);

JPanel datePanel = new JPanel();
datePanel.add(lDate);
datePanel.add(lDateValue);

JPanel timePanel = new JPanel();
timePanel.add(lTime);
timePanel.add(lTimeValue);*/

/*****/

c.add(fpanel);c.add(epanel);
c.add(apanel);c.add(t1);
c.add(bpanel);c.add(p1);
c.add(cpanel);c.add(dpanel);

setSize(500,425);
setLocation(200,200);
setResizable(false);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);
}

@Override
public void actionPerformed(ActionEvent e)
{

AdminLoginHistoryData obj;

```

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

if(e.getSource()==login)
{

    /*******validation check*****/

    String n = t1.getText().trim();
    String ps = p1.getText().trim();

    /* user id check
    * */

    String namepattern = "[A-Za-z]";
    Scanner scan = new Scanner( n ) ;
    String matched = scan.findInLine( namepattern )
;

    if ( matched == null )
    {
        //JOptionPane.showMessageDialog(this, "INVALID USER
NAME\nIt should contain only alphabet.");
        JOptionPane.showMessageDialog(this, "INVALID USER
NAME\nIt should contain only alphabet.", "Error",
JOptionPane.ERROR_MESSAGE);
        t1.setText("");
    }
    else
    {
        flagID = true;
    }

    String passwordpattern = "[0-9]{4}" ;
    Scanner scan2 = new Scanner( ps ) ;
    String matched2 = scan2.findInLine(
passwordpattern ) ;
    if ( matched2 == null )
    {
        //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
        JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.", "Error", JOptionPane.ERROR_MESSAGE);
        p1.setText("");
    }
    else
    {
        flagPass = true;
    }
}

```

J Roy Chowdhury



```

/*****/

/*****if the both are valid the *****/

if(flagID == true )
{
    if(flagPass == true)
    {
        /*user id and pass word check -----> login
        */
        if(t1.getText().equals("admin") &&
p1.getText().equals("1234"))
        {

/*****1*****/
*****/

        obj = new AdminLoginHistoryData();

        obj.setALoginDate(sysDate);
        obj.setALoginTime(sysTime);
        obj.setALogoutDate(" - ");
        obj.setALogoutTime(" - ");

        alist.add(obj);

        new AdminLoginHistoryAddInfo(obj);

/*****2*****/
*****/

JOptionPane.showMessageDialog(this,
"Welcome Administrator");

        new Admin() ;
        setVisible(false);
    }

    /* else part password error
    */

    else
    {

//JOptionPane.showMessageDialog(this, "Wrong
username/pas

```

J Roy Chowdhury



```

                                JOptionPane.showMessageDialog(this,
"Wrong username/password...\nTry again", "Error",
JOptionPane.ERROR_MESSAGE);
                                t1.setText("");
                                p1.setText("");
                                }
                                }
                                }
                                flagID = false;
                                flagPass = false;
                                }

```

```

                                /***** NOT USABLE PART
                                *****/
                                /*else
                                {
                                JOptionPane.showMessageDialog(this, "Try Agian");
                                }*/

                                /*user id and pass word check -----> login
                                * */
                                /*if(t1.getText().equals("admin") &&
p1.getText().equals("1234"))
                                {
                                JOptionPane.showMessageDialog(this, "Welcome
Administrator");
                                new Admin() ;
                                setVisible(false);
                                }*/

                                /*****subhranshu*****/

                                /*if(t1.getText().equals("admin"))
                                {
                                char [] pwd=p1.getPassword();
                                String str=new String(pwd);
                                if(str.equals("1234"))
                                {

                                JOptionPane.showMessageDialog(this,
"Welcome Administrator");
                                new Admin() ;
                                setVisible(false);

                                }
                                }*/

                                /*****
                                */

                                /* else part password error
                                . . .

```

J Roy Chowdhury



```

        /*else
        {
            JOptionPane.showMessageDialog(this, "Wrong
username/password..");
            t1.setText("");
            p1.setText("");
        }

        */

        /*****
        *****/
        if(e.getSource()==cancel)
        {
            int con=JOptionPane.showConfirmDialog(this, "Are you
sure to cancel?");

            if(con==JOptionPane.YES_OPTION)
            {
                new FirstWindow("");
                setVisible(false);
            }

        }

    }

}

public class Main1
{

    public static void main(String[] args)
    {

    }

}

import java.awt.Container;
import java.awt.GridLayout;
import java.awt.Color;
import java.util.*;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;
import java.awt.event.ActionListener; //to sense mouse click
import java.awt.event.ActionEvent;
import java.io.Serializable;
import java.util.Calendar;

import javax.swing.*;
public class Actotal extends JFrame implements Serializable
{

```

J Roy Chowdhury



```

private int total;
private int account;
private int depo;
private int withdrawl;
private String date;
private String time;
public String getDate() {
    return date;
}
public void setDate(String date) {
    this.date = date;
}
public String getTime() {
    return time;
}
public void setTime(String time) {
    this.time = time;
}
public int getTotal() {
    return total;
}
public void setTotal(int total) {
    this.total = total;
}
public int getAccount() {
    return account;
}
public void setAccount(int account) {
    this.account = account;
}
public int getDepo() {
    return depo;
}
public void setDepo(int depo) {
    this.depo = depo;
}
public int getWithdrawl() {
    return withdrawl;
}
public void setWithdrawl(int withdrawl) {
    this.withdrawl = withdrawl;
}
}

import java.awt.Container;
import java.awt.GridLayout;
import java.awt.Color;
import java.util.*;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;
import java.awt.event.ActionListener; //to sense mouse click
import java.awt.event.ActionEvent;
import java.io.Serializable;
import java.

```

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.util.ArrayList;

import javax.swing.*;

public class Actotalcreate extends JFrame
{
    private String sysdate,systime;
    //ArrayList<Create> list1;
    Actotal sd=new Actotal();
    Actotalcreate(int a,int b,int d,int t)
    {
        Calendar cal = Calendar.getInstance();

        String cday = ""+cal.get(Calendar.DATE);
        int x =cal.get(Calendar.MONTH);
        String cmonth = ""+(x+1);
        String cyear =""+cal.get(Calendar.YEAR);
        sysdate = cday+"/"+cmonth+"/"+cyear;

        String chr = ""+cal.get(Calendar.HOUR_OF_DAY);
        String cmin = ""+cal.get(Calendar.MINUTE);
        String csec =""+cal.get(Calendar.SECOND);
        systime = chr+":"+cmin":"+csec;

        sd.setAccount(a);
        sd.setWithdrawl(b);
        sd.setDepo(d);
        sd.setTotal(t);
        sd.setDate(sysdate);
        sd.setTime(systime);
        ArrayList<Actotal> list4;
        try
        {
            FileInputStream fin=new
FileInputStream("actotal.dat");
            ObjectInputStream oin=new ObjectInputStream(fin);
            list4=(ArrayList<Actotal>)oin.readObject();
        }catch(Exception e)
        {
            list4=new ArrayList<Actotal>();
        }

        list4.add(sd);

        try
        {
            FileOutputStream fout=new
FileOutputStream("actotal.dat");
            ObjectOutputStream oout=new
ObjectOutputStream(fout);
            oout.writeObject(list4);
        }
    }
}

```

J Roy Chowdhury



```

    }
}

import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.util.ArrayList;

public class AddInformation1
{
    ArrayList<Create> list4;
    // ArrayList<Create>list2;

    public AddInformation1(Create rg1)
    {
        try
        {
            FileInputStream fin=new FileInputStream("Regis.dat");
            ObjectInputStream oin=new ObjectInputStream(fin);
            list4=(ArrayList<Create>)oin.readObject();
        }catch(Exception e)
        {
            list4=new ArrayList<Create>();
        }

        list4.add(rg1);

        try
        {
            FileOutputStream fout=new
FileOutputStream("Regis.dat");
            ObjectOutputStream oout=new
ObjectOutputStream(fout);
            oout.writeObject(list4);
        }catch(Exception e){}

    }
}

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.Color;
import java.util.*;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;

import javax.swing.*.*;

class Admin extends JFrame implements ActionListener
{
    private JLabel l1,l2;
    private JButton b1,b2,b3,b4,b5,b6,b7,b8;
    private JTextField t1,t2;

```

J Roy Chowdhury




```

private JButton b10;
private String sysDate;
private String sysTime;

private ArrayList<AdminLoginHistoryData> alist = new
ArrayList<AdminLoginHistoryData>();
private JButton b11;
private JButton b12;
private JButton b13;
private JButton b14;

public Admin()
{
    /*****added*****/
    super("Welcome Administrator");
    /*****/

    /*****DATE*****/

    Calendar cal = Calendar.getInstance();

    String cday = ""+cal.get(Calendar.DATE);
    int x =cal.get(Calendar.MONTH);
    String cmonth = ""+(x+1);
    String cyear = ""+cal.get(Calendar.YEAR);
    sysDate = cday+"/"+cmonth+"/"+cyear;

    //lDateValue = new JLabel(sysDate);

    String chr = ""+cal.get(Calendar.HOUR_OF_DAY);
    String cmin = ""+cal.get(Calendar.MINUTE);
    String csec = ""+cal.get(Calendar.SECOND);
    sysTime = chr+":"+cmin+": "+csec;

    /*****/

    Container c=getContentPane();
    c.setLayout(new GridLayout(8,2));

    Font f1=new Font("Times New Roman",Font.BOLD,20);
    l1=new JLabel("ADMINISTRATOR");
    l1.setFont(f1);
    l1.setForeground(Color.RED);
    JPanel bpanel=new JPanel();
    bpanel.add(l1);
    bpanel.setBackground(new Color(0,0,64));

    l2=new JLabel("");
    l2.setFont(f1);
    l2.setForeground(Color.RED);
    JPanel cpanel=new JPanel();
    cpanel.add(l2);
    c

```

J Roy Chowdhury



```

b1=new JButton("ADD AN OPERATOR");
b1.addActionListener(this);
JPanel apanel=new JPanel();
apanel.add(b1);
apanel.setBackground(new Color(0,0,64));

b2=new JButton("SEARCH AN OPERATOR");
b2.addActionListener(this);
JPanel dpanel=new JPanel();
dpanel.add(b2);
dpanel.setBackground(new Color(0,0,64));

b3=new JButton("DELETE AN OPERATOR");
b3.addActionListener(this);
JPanel epanel=new JPanel();
epanel.add(b3);
epanel.setBackground(new Color(0,0,64));

b4=new JButton("SHOW ALL OPERATORS");
b4.addActionListener(this);
JPanel fpanel=new JPanel();
fpanel.add(b4);
fpanel.setBackground(new Color(0,0,64));

b5=new JButton("SHOW ALL USERS");
b5.addActionListener(this);
JPanel gpanel=new JPanel();
gpanel.add(b5);
gpanel.setBackground(new Color(0,0,64));

b6=new JButton("SEARCH AN USER");
b6.addActionListener(this);
JPanel hpanel=new JPanel();
hpanel.add(b6);
hpanel.setBackground(new Color(0,0,64));

b7=new JButton("DELETE AN USER");
b7.addActionListener(this);
JPanel opanel=new JPanel();
opanel.add(b7);
opanel.setBackground(new Color(0,0,64));

b8=new JButton("LOG OUT");
b8.addActionListener(this);
JPanel qpanel=new JPanel();
qpanel.add(b8);
qpanel.setBackground(new Color(0,0,64));

b9=new JButton("LOAN DETAILS OF USER");
b9.addActionListener(this);
JPanel qopanel=new JPanel();
qopanel.add(b9);
qopanel.setBackground(new Color(0,0,64));

b10=new JButton("VIEW HISTORY");

```

J Roy Chowdhury



```

b10.addActionListener(this);
JPanel ppanel=new JPanel();
ppanel.add(b10);
ppanel.setBackground(new Color(0,0,64));

b11=new JButton("LOCKER DETAILS OF USER");
b11.addActionListener(this);
JPanel qoopanel=new JPanel();
qoopanel.add(b11);
qoopanel.setBackground(new Color(0,0,64));

b12=new JButton("FIXED DEPOSIT DETAILS");
b12.addActionListener(this);
JPanel qipanel=new JPanel();
qipanel.add(b12);
qipanel.setBackground(new Color(0,0,64));
b13=new JButton("LOCKER APPROVE");
b13.addActionListener(this);
JPanel q2panel=new JPanel();
q2panel.add(b13);
q2panel.setBackground(new Color(0,0,64));
b14=new JButton("LOAN APPROVE");
b14.addActionListener(this);
JPanel q3panel=new JPanel();
q3panel.add(b14);
q3panel.setBackground(new Color(0,0,64));


c.add(bpanel);c.add(cpanel);
c.add(apanel);c.add(dpanel);
c.add(epanel);c.add(fpanel);
c.add(gpanel);c.add(hpanel);
c.add(qoopanel);c.add(qipanel);
c.add(q2panel);c.add(q3panel);
c.add(qopanel);c.add(ppanel);
c.add(opanel);c.add(qpanel);


setSize(600,525);
setLocation(200,200);
setResizable(false);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);

}

@Override
public void actionPerformed(ActionEvent e)
{
    AdminLoginHistoryData obj;

    if(e.getSource()==b1)
    {

```

J Roy Chowdhury



```

        setVisible(false);
    }

    if(e.getSource()==b2)
    {
        new OperatorSearch();
        setVisible(false);
    }

    if(e.getSource()==b3)
    {
        new OperatorDelete();
        setVisible(false);
    }

    if(e.getSource()==b4)
    {
        new OperatorDisplay();
        //setVisible(false);
    }

    if(e.getSource()==b5)
    {
        //JOptionPane.showMessageDialog(this, "DISPLAY ALL
CURRENT RECORDS");
        new DiaplayAll() ;
        //setVisible(false);
    }

    if(e.getSource()==b6)
    {
        new UserSearch();
        setVisible(false);
    }

    if(e.getSource()==b7)
    {
        new AdminUserRemove();
        setVisible(false);
    }

    if(e.getSource()==b8)
    {
        int con=JOptionPane.showConfirmDialog(this, "Are
You Sure to cancel?");

```

J Roy Chowdhury



```

        if (con==JOptionPane.YES_OPTION)
        {

            /*******1*****
            ***/

                obj = new AdminLoginHistoryData();

                obj.setALogoutDate(sysDate);
                obj.setALogoutTime(sysTime);
                //obj.setALoginDate(" - ");
                //obj.setALogoutTime(" - ");

                alist.add(obj);

                new AdminLogoutHistoryAddInfo(obj);

            /*******2*****
            ***/

                new SecondWindow();
                //new FirstWindow("");
                setVisible(false);

            }

            //new FirstWindow("");
            //setVisible(false);
        }
        if (e.getSource()==b9)
        {
            new LoanDisplay();
            //setVisible(false);
        }
        if (e.getSource()==b10)
        {
            new LoginHistory();
            setVisible(false);
        }
        if (e.getSource()==b11)
        {
            new LockerDisplay();
            //setVisible(false);
        }
        if (e.getSource()==b12)
        {
            new DepoDisplay();
            //setVisible(false);
        }
        if (e.getSource()==b13)
        {

```

J Roy Chowdhury



```

        new LockerShowApprove();
        new LockerApprove();
        //new LockerDisplay();
        setVisible(false);
    }
    if(e.getSource()==b14)
    {
        new LoanShowApprove();
        new LoanApprove();
        //new LoanDisplay();
        setVisible(false);
    }
}

}

public class AdminLogin
{
    public static void main(String[] args)
    {

    }

}

import java.awt.BorderLayout;
import java.awt.Container;
import java.io.FileInputStream;
import java.io.ObjectInputStream;
import java.util.ArrayList;

import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JScrollPane;
import javax.swing.JTable;

public class AdminLoginDisplay extends JFrame
{
    public AdminLoginDisplay()
    {
        super("LOGIN HISTORY OF ADMIN");

        String heading[]={"Login Date","Login Time","Logout
Date","Logout Time"};
        String data[][];//=new String[20][12];//2-d array of
string type of 20 rows,9 col
        ArrayList<AdminLoginHistoryData> list;//=new
ArrayList<Create>();

        try
        {
            FileInputStream fin=new
FileInputStr

```

J Roy Chowdhury



```

        ObjectInputStream oin=new ObjectInputStream(fin);

list=(ArrayList<AdminLoginHistoryData>)oin.readObject();

        data = new String[list.size()][heading.length+1];

        int r=0;
        for(AdminLoginHistoryData re : list)
        {
            data[r][0]=re.getALoginDate();
            data[r][1]=re.getALoginTime();
            data[r][2]=re.getALogoutDate();
            data[r][3]=re.getALogoutTime();

            /*
            data[r][0]=re.getName();
            data[r][1]=re.getName1();
            data[r][2]=re.getAddress();
            data[r][3]=re.getNationality();
            data[r][4]=re.getAcctype();
            data[r][5]=re.getDob();
            data[r][6]=re.getIdentity();
            data[r][7]=re.getProfession();
            data[r][8]=re.getDate();
            data[r][9]=re.getTime();
            data[r][10]=re.getAc();
            data[r][11]=re.getInitialamnt();
            */

            r++;
        }

        Container con=getContentPane();
        con.setLayout(new BorderLayout());//refer copy

        JTable datatable=new JTable(data,
heading);//datatable is the obj of the JTABLE,data is the array
        JScrollPane jsp=new JScrollPane(datatable);

        con.add(new JLabel("Admin Login
History"),BorderLayout.NORTH);
        con.add(jsp,BorderLayout.CENTER);//jsp=jscrollpane

        setSize(650, 300);

        setLocation(200, 200);
        setVisible(true);
    }catch(Exception e)
    {
        //e.printStackTrace();
        //System.out.println(e.toString());
        JOptionPane.showMessageDialog(this, "No file found
in data base"

```

J Roy Chowdhury



```

    }
}

import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.util.ArrayList;

public class AdminLoginHistoryAddInfo
{
    ArrayList<AdminLoginHistoryData> list4;

    public AdminLoginHistoryAddInfo(AdminLoginHistoryData rg1)
    {
        try
        {
            FileInputStream fin=new
FileInputStream("AdminLoginData.dat");
            ObjectInputStream oin=new ObjectInputStream(fin);

list4=(ArrayList<AdminLoginHistoryData>)oin.readObject();
        }catch(Exception e)
        {
            list4=new ArrayList<AdminLoginHistoryData>();
        }

        list4.add(rg1);

        try
        {
            FileOutputStream fout=new
FileOutputStream("AdminLoginData.dat");
            ObjectOutputStream oout=new
ObjectOutputStream(fout);
            oout.writeObject(list4);
        }catch(Exception e){}
    }
}

import java.io.Serializable;

import javax.swing.JFrame;

public class AdminLoginHistoryData extends JFrame implements
Serializable
{
    private String ALoginDate;
    private String ALoginTime;
    private String ALogoutDate;
    private String ALogoutTime;
    public String getALoginDate() {
        r

```

J Roy Chowdhury




```

    }
    public void setALoginDate(String aLoginDate) {
        ALoginDate = aLoginDate;
    }
    public String getALoginTime() {
        return ALoginTime;
    }
    public void setALoginTime(String aLoginTime) {
        ALoginTime = aLoginTime;
    }
    public String getALogoutDate() {
        return ALogoutDate;
    }
    public void setALogoutDate(String aLogoutDate) {
        ALogoutDate = aLogoutDate;
    }
    public String getALogoutTime() {
        return ALogoutTime;
    }
    public void setALogoutTime(String aLogoutTime) {
        ALogoutTime = aLogoutTime;
    }
}

import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.util.ArrayList;

import javax.swing.JFrame;
import javax.swing.JOptionPane;

public class AdminLogoutHistoryAddInfo extends JFrame
{
    ArrayList<AdminLoginHistoryData> list4;

    public AdminLogoutHistoryAddInfo(AdminLoginHistoryData rgl)
    {
        try
        {
            FileInputStream fin=new
FileInputStream("AdminLoginData.dat");
            ObjectInputStream oin=new ObjectInputStream(fin);

list4=(ArrayList<AdminLoginHistoryData>)oin.readObject();
        }
        catch(Exception e)
        {
            JOptionPane.showMessageDialog(this, "No file found
in database", "Error", JOptionPane.ERROR_MESSAGE);
            AdminLoginHistoryData>();

```

J Roy Chowdhury



```

    }

    //list4.get(i).setInitialamt(amt);
    list4.get(list4.size()-
1).setALogoutDate(rg1.getALogoutDate());
    list4.get(list4.size()-
1).setALogoutTime(rg1.getALogoutTime());

    //list4.add(rg1);

    try
    {
        FileOutputStream fout=new
FileOutputStream("AdminLoginData.dat");
        ObjectOutputStream oout=new
ObjectOutputStream(fout);
        oout.writeObject(list4);
    }catch(Exception e){}
}

}

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.Color;
import java.util.*;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;

import javax.swing.*;

public class AdminUserRemove extends JFrame implements
ActionListener
{
    private JLabel l1,l2,l3;
    private JTextField t1;
    private JButton submit,back;
    private boolean flagAccNum = false;

    public AdminUserRemove()
    {
        super("Remove an user");
        Container c=getContentPane();
        c.setLayout(new GridLayout(3,2));

        Font f1=new Font("Times New Roman",Font.BOLD,20);
        l1=new JLabel("USER");
        l1.setFont(f1);
        l1.setForeground(Color.RED);
        JPanel fpanel=new JPanel();
        fpanel.add(l1);
        fpanel.setBackground(new Color(0,0,64));

        l2=new JLabel("Password");
        t1=new JTextField(20);
        l3=new JLabel("Confirm Password");
        t2=new JTextField(20);
        submit=new JButton("Submit");
        back=new JButton("Back");
        c.add(l2);
        c.add(t1);
        c.add(l3);
        c.add(t2);
        c.add(submit);
        c.add(back);
    }

    public void actionPerformed(ActionEvent e)
    {
        if(e.getSource()==submit)
        {
            String user=l1.getText();
            String password=t1.getText();
            String confirm=t2.getText();
            if(password.equals(confirm))
            {
                //Remove user logic
            }
            else
            {
                JOptionPane.showMessageDialog(this, "Password does not match", "Error",
JOptionPane.ERROR_MESSAGE);
            }
        }
        else if(e.getSource()==back)
        {
            dispose();
        }
    }
}

```

J Roy Chowdhury



```

l2.setFont(f1);
l2.setForeground(Color.RED);
JPanel apanel=new JPanel();
apanel.add(l2);
apanel.setBackground(new Color(0,0,64));

l3=new JLabel("Give USER A/C no");
l3.setFont(f1);
l3.setForeground(Color.RED);
JPanel bpanel=new JPanel();
bpanel.add(l3);
bpanel.setBackground(new Color(0,0,64));

t1=new JTextField();

submit=new JButton("Delete");
submit.addActionListener(this);
JPanel cpanel=new JPanel();
cpanel.add(submit);
cpanel.setBackground(new Color(0,0,64));

back=new JButton("BACK");
back.addActionListener(this);
JPanel dpanel=new JPanel();
dpanel.add(back);
dpanel.setBackground(new Color(0,0,64));

c.add(fpanel);c.add(apanel);
c.add(bpanel);c.add(t1);
c.add(cpanel);c.add(dpanel);

setSize(550,300);
setLocation(200,200);
setResizable(false);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);

}

public void actionPerformed(ActionEvent e)
{
    if(e.getSource() == submit)
    {
        /*****validation
check*****/

        String vaccNum = t1.getText();

        /*for account number check
        */
        String accNumpattern = "[0-9]{4}";
        Scanner scan = new Scanner( vaccNum );
        String matched = scan.findInLine( accNumpattern )
;

```

J Roy Chowdhury



```

        if ( matched == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
            JOptionPane.showMessageDialog(this, "INVALID
ACCOUNT NUMBER\nIt should contain only digits with minimum length of
4 digit.", "Error", JOptionPane.ERROR_MESSAGE);
            t1.setText("");
        }
        else
        {
            flagAccNum      = true;
        }

        /*****IF VALIDATION
SUCCESSFUL*****/

        if(flagAccNum == true)
        {
            String sname = t1.getText().trim();
            new UserRemoveDisplay(sname);
            //setVisible(false);
            t1.setText("");
        }
        flagAccNum = false;

    }
    if(e.getSource()==back)
    {
        int con=JOptionPane.showConfirmDialog(this, "Are You
Sure to cancel?");

        if(con==JOptionPane.YES_OPTION)
        {
            new Admin();
            setVisible(false);
        }

    }

}

}

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.Color;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;

```

J Roy Chowdhury



```

import java.util.*;
import java.awt.BorderLayout;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;
import java.io.*;

import javax.swing.*;
public class ATMcard extends JFrame implements ActionListener

{
    private JLabel l0,l1;
    private JButton bsubmit,bcancel;
    private JTextField t1;
    private JComboBox type;
    ArrayList<Create> list1;
    int r,account,amnt,t,p,d=0,k,l;
    private boolean flagAccNum = false;
    private boolean flagAmountBefore = false;
    private boolean flagDomestic = false;
    private boolean flagSilverInternational = false;
    private boolean flagGoldInternational = false;
    private boolean flagSearchAcc = false;
    public ATMcard()
    {
        super("ATM Card Request");

        Container c=getContentPane();
        c.setLayout(new GridLayout(3,2));

        t1=new JTextField();

        bsubmit=new JButton("SUBMIT");
        bsubmit.addActionListener(this);
        JPanel bpanel=new JPanel();
        bpanel.add(bsubmit);
        bpanel.setBackground(new Color(0,0,64));

        bcancel=new JButton("CANCEL");
        bcancel.addActionListener(this);
        JPanel cpanel=new JPanel();
        cpanel.add(bcancel);
        cpanel.setBackground(new Color(0,0,64));

        Font f1=new Font("comic sans ms",Font.BOLD,14);
        l0=new JLabel("Enter A/C no");
        l0.setFont(f1);
        l0.setForeground(Color.RED);
        JPanel dpanel=new JPanel();
        dpanel.add(l0);
        dpanel.setBackground(new Color(0,0,64));
    }
}

```

J Roy Chowdhury



```

l1=new JLabel("Enter Name");
l1.setFont(f1);
l1.setForeground(Color.RED);
JPanel epanel=new JPanel();
epanel.add(l1);
epanel.setBackground(new Color(0,0,64));

String cvalue[]={"Domestic","Silver International","Gold
International"};
type=new JComboBox(cvalue);
JPanel fpanel=new JPanel();
fpanel.add(type);
fpanel.setBackground(new Color(0,0,64));

c.add(dpanel);c.add(t1);
c.add(epanel);c.add(fpanel);
c.add(bsubmit);c.add(bcanceled);

setSize(400,200);
setLocation(100,100);
setResizable(false);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);

}

public void actionPerformed(ActionEvent e)
{
    r=0;
    k=0;
    l=0;
    if(e.getSource()==bsubmit)
    {
        String search=t1.getText();
        r=0;

        /*****validation
check*****/

        String vAccNum = t1.getText();

        /*for account number check
        */
        String accNumpattern = "[0-9]{4}" ;
        Scanner scan1 = new Scanner( vAccNum ) ;
        String matched1 = scan1.findInLine(
accNumpattern ) ;
        if ( matched1 == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit."

```

J Roy Chowdhury



```

JOptionPane.showMessageDialog(this, "INVALID
ACCOUNT NUMBER\nIt should contain only digits with minimum length of
4 digit.", "Error", JOptionPane.ERROR_MESSAGE);
t1.setText("");
}
else
{
    flagAccNum    = true;
}

```

```

/*****
*****/

```

```

/*****IF VALIDATION
SUCCESSFUL*****/

```

```

if(flagAccNum == true)
{
    try
    {
        FileInputStream fin=new
FileInputStream("Regis.dat");
        ObjectInputStream oin=new
ObjectInputStream(fin);

        list1=(ArrayList<Create>)oin.readObject();
        }
        catch(Exception e1) {}

        for(Create re : list1)
        {
            if(re.getAc().equals(search))
            {
                flagSearchAcc = true;

                account=Integer.parseInt(t1.getText());

                amnt=Integer.parseInt(re.getInitialamnt());
                String
w=(String)type.getSelectedItemAt();

                if(amnt>500)
                {
                    flagAmountBefore = true;

                    if(w.equals("Domestic"))
                    {

```

J Roy Chowdhury



```

460
t=amnt-p;//t=510-50 =
if(t>=500)
{
    new
    new
    flagDomestic =
    r++;
}
}

if(w.equals("Silver
International"))
{
    p=100;
    t=amnt-p;
    if(t>=500)
    {
        new
        new
        k++;
    }
}

if(w.equals("Gold
International"))
{
    p=500;
    t=amnt-p;
    if(t>=500)
    {
        new
        new
        l++;
    }
}

Actotalcreate(account,p,d,t);
TotalUpdate(account,t);

flagSilverInternational = true;

Actotalcreate(account,p,d,t);
TotalUpdate(account,t);

flagGoldInternational = true;

```

J Roy Chowdhury




```

    }

    /*
    if((r==1) || (k==1) || (l==1))
    {

        JOptionPane.showMessageDialog(this, "ATM has been issued");
    }
    else
    {

        JOptionPane.showMessageDialog(this, "ATM cannot be issued");
    }
    */

}

}

/*****MSG
DISPLAY*****/

    if(flagSearchAcc == false)
    {
        JOptionPane.showMessageDialog(this,
        "Account number doest not exist.", "Error",
        JOptionPane.ERROR_MESSAGE);
        t1.setText("");
    }

    if((flagSearchAcc == true) &&
(flagAmountBefore == false))
    {
        JOptionPane.showMessageDialog(this,
        "Account balane must be above INR 500 after issuing ATM Card.", "In
sufficient balance error", JOptionPane.ERROR_MESSAGE);
        t1.setText("");
    }

    /*****/

    if((flagDomestic == true))
    {
        JOptionPane.showMessageDialog(this, "ATM
Card successfully issued.\nYou have been charged INR 50.");

        new Passdisp(t1.getText());
        t1.setText("");
    }

    if((flagSilverInternational == true))
    ,

```

J Roy Chowdhury



```
JOptionPane.showMessageDialog(this, "ATM  
Card successfully issued.\nYou have been charged INR 100.");
```

```
new Passdisp(t1.getText());  
t1.setText("");  
}
```

```
if((flagGoldInternational == true))  
{  
    JOptionPane.showMessageDialog(this, "ATM  
Card successfully issued.\nYou have been charged INR 500.");
```

```
new Passdisp(t1.getText());  
t1.setText("");  
}
```

```
if((flagSearchAcc == true) && (flagDomestic ==  
false) && (flagSilverInternational == false) &&  
(flagGoldInternational == false))  
{  
    JOptionPane.showMessageDialog(this, "ATM  
Card cannot be issued for insufficient balance.", "In sufficient  
balance error", JOptionPane.ERROR_MESSAGE);  
    t1.setText("");  
}
```

```
/**/  
**/
```

```
flagSearchAcc = false;  
flagAccNum = false;  
flagDomestic = false;  
flagSilverInternational = false;  
flagGoldInternational = false;  
  
}  
flagSearchAcc = false;
```

```
/**PREVIOUS**/
```

```
/*  
  
try  
{  
    FileInputStream fin=new  
FileInputStr
```

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

        ObjectInputStream oin=new
ObjectInputStream(fin);
        list1=(ArrayList<Create>) oin.readObject();
    }
    catch(Exception e1) {}

    for(Create re : list1)
    {
        if(re.getAc().equals(search))
        {

            account=Integer.parseInt(t1.getText());

            amnt=Integer.parseInt(re.getInitialamnt());
            String w=(String)type.getSelectedItem();

            if(amnt>500)
            {

                if(w.equals("Domestic"))
                {
                    p=50;
                    t=amnt-p;
                    if(t>=500)
                    {
                        new
Actotalcreate(account,p,d,t);
                        new
TotalUpdate(account,t);
                        r++;
                    }
                }

                if(w.equals("Silver
International"))
                {
                    p=100;
                    t=amnt-p;
                    if(t>=500)
                    {
                        new
Actotalcreate(account,p,d,t);
                        new
TotalUpdate(account,t);
                        k++;
                    }
                }

                if(w.equals("Gold International"))

```

J Roy Chowdhury



```

        p=500;
        t=amnt-p;
        if (t>=500)
        {
            new
            new
            l++;
        }
    }

    if ((r==1) || (k==1) || (l==1))
    {
        JOptionPane.showMessageDialog(this,
"ATM has been issued");
    }
    else
    {
        JOptionPane.showMessageDialog(this,
"ATM cannot be issued");
    }
}

*/

}

if(e.getSource()==bcancel)
{
    int con=JOptionPane.showConfirmDialog(this, "Are you
sure to cancel?");

    if(con==JOptionPane.YES_OPTION)
    {
        new Request();
        setVisible(false);
    }
}

}

import java.awt.Color;
import java.awt.Container;
import java.awt.Font;
import java.

```

J Roy Chowdhury



```

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.util.ArrayList;
import java.util.Scanner;

import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JPanel;
import javax.swing.JPasswordField;
import javax.swing.JTextField;

public class ChangePassword extends JFrame implements ActionListener
{
    private JLabel
lHeading,lFirstName,lCurrentPassword,lNewPassword;
    private JTextField tFirstName;
    private JPasswordField pCurrentPassword,pNewPassword;
    private JButton bBack,bChange;
    ArrayList<OperatorRegData> list;
    private boolean flagFirstName = false;
    private boolean flagNewPassword = false;
    private boolean flagCurrentPassword = false;
    private boolean flagFirstNameMatch = false;
    private boolean flagCurrentPasswordMatch = false;
    private JLabel lHeading2;

    public ChangePassword()
    {
        super("Change Password");

        Container c=getContentPane();
        c.setLayout(new GridLayout(5,2));

        Font f1=new Font("Chiller",Font.BOLD,22);
        Font f2=new Font("Times New Roman",Font.BOLD,20);

        lHeading=new JLabel("CHANGE PASSWORD");
        lHeading.setFont(f1);
        lHeading.setForeground(Color.RED);
        JPanel apanel=new JPanel();
        apanel.add(lHeading);
        apanel.setBackground(new Color(0,0,64));

        lHeading2=new JLabel("");
        lHeading2.setFont(f1);
        lHeading2.setForeground(Color.RED);
        JPanel abpanel=new JPanel();
        abpanel.add(lHeading2);
        a

```

J Roy Chowdhury



```

lFirstName=new JLabel("Enter First Name");
lFirstName.setFont(f2);
lFirstName.setForeground(Color.GRAY);
JPanel bpanel=new JPanel();
bpanel.add(lFirstName);
bpanel.setBackground(new Color(0,0,64));

lCurrentPassword=new JLabel("Enter Current Password");
lCurrentPassword.setFont(f2);
lCurrentPassword.setForeground(Color.GRAY);
JPanel cpanel=new JPanel();
cpanel.add(lCurrentPassword);
cpanel.setBackground(new Color(0,0,64));

lNewPassword=new JLabel("Enter New Password");
lNewPassword.setFont(f2);
lNewPassword.setForeground(Color.GRAY);
JPanel dpanel=new JPanel();
dpanel.add(lNewPassword);
dpanel.setBackground(new Color(0,0,64));

tFirstName=new JTextField();
pCurrentPassword=new JPasswordField();
pNewPassword=new JPasswordField();

bChange=new JButton("Change");
bChange.addActionListener(this);
JPanel epanel=new JPanel();
epanel.add(bChange);
epanel.setBackground(new Color(0,0,64));

bBack=new JButton("Back");
bBack.addActionListener(this);
JPanel fpanel=new JPanel();
fpanel.add(bBack);
fpanel.setBackground(new Color(0,0,64));

c.add(apanel);c.add(abpanel);
c.add(bpanel);      c.add(tFirstName);
c.add(cpanel);c.add(pCurrentPassword);
c.add(dpanel);    c.add(pNewPassword);
c.add(epanel);      c.add(fpanel);

setSize(500,500);
setLocation(100,100);
setResizable(false);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);
}

```

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

@Override
public void actionPerformed(ActionEvent e)
{
    if(e.getSource() == bChange)
    {
        /*****validation
check*****/

        String vFirstName = tFirstName.getText();
        String vCurrentPassword =
pCurrentPassword.getText();
        String vNewPassword = pNewPassword.getText();

        /*for first name check
        */
        String firstNamepattern = "[a-zA-Z]" ;
        Scanner scan1 = new Scanner( vFirstName ) ;
        String matched1 = scan1.findInLine(
firstNamepattern ) ;
        if ( matched1 == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
            JOptionPane.showMessageDialog(this, "INVALID
FIRST NAME\nIt should contain only alphabets.", "Error",
JOptionPane.ERROR_MESSAGE);
            tFirstName.setText("");
        }
        else
        {
            flagFirstName = true;
        }

        /*for current password check
        */
        String currentPasswordpattern = "[0-9]{4}" ;
        Scanner scan2 = new Scanner( vCurrentPassword )
;
        String matched2 = scan2.findInLine(
currentPasswordpattern ) ;
        if ( matched2 == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
            JOptionPane.showMessageDialog(this, "INVALID
ACCOUNT NUMBER\nIt should contain only digits with minimum length of
4 digit.", "Error", JOptionPane.ERROR_MESSAGE);
            tNewPassword.setText("");
        }
    }
}

```

J Roy Chowdhury



```

    }
    else
    {
        flagCurrentPassword = true;
    }

    /*for new password check
    * */
    String newPasswordpattern = "[0-9]{4}" ;
    Scanner scan3 = new Scanner( vNewPassword) ;
    String matched3 = scan3.findInLine(
currentPasswordpattern ) ;
    if ( matched3 == null )
    {
        JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
        JOptionPane.showMessageDialog(this, "INVALID
NEW PASSWORD\nIt should contain only digits with minimum length of 4
digit.", "Error", JOptionPane.ERROR_MESSAGE);
        pNewPassword.setText("");
    }
    else
    {
        flagNewPassword = true;
    }

    /*****
    *****/

```

```

    /*****IF VALIDATION
    SUCCESSFUL*****/

    if(flagFirstName == true)
    {
        if(flagCurrentPassword == true)
        {
            if(flagNewPassword == true)
            {
                try
                {
                    FileInputStream fin=new
FileInputStream("Reg.dat");
                    ObjectInputStream oin=new
ObjectInputStream(fin);

                    list=(ArrayList<OperatorRegData>)oin.readObject();
                }
            }
        }
    }

```

1)

J. Roy Chowdhury




```

        {

            JOptionPane.showMessageDialog(this, "No file found in
            database", "Error", JOptionPane.ERROR_MESSAGE);
            list=new
            ArrayList<OperatorRegData>();
        }

        for(int
        i=0;i<list.size();i++)//for(OperatorRegData element : list)
        {

            if(list.get(i).getName().equals(tFirstName.getText()))
            {
                flagFirstNameMatch =
true;

                if(list.get(i).getPassword().equals(pCurrentPassword.getText()
))
                {

                    flagCurrentPasswordMatch = true;

                    list.get(i).setPassword(pNewPassword.getText());

                }
            }

            try
            {
                FileOutputStream fout=new
                ObjectOutputStream(fout);

                oout.writeObject(list);
            }catch(Exception e1){}

            if((flagFirstNameMatch == true) &&
(flagCurrentPasswordMatch == true))
            {

                JOptionPane.showMessageDialog(this, "Password has been
                successfully changed");

                tFirstName.setText("");
                pCurrentPassword.setText("");
                pNewPassword.setText("");
            }
        }
    }
}

```

J Roy Chowdhury



```

        if((flagFirstNameMatch == true) &&
(flagCurrentPasswordMatch == false))
        {
            JOptionPane.showMessageDialog(this, "Password incorrect",
"Error", JOptionPane.ERROR_MESSAGE);
            pCurrentPassword.setText("");
        }

        if((flagFirstNameMatch == false) &&
(flagCurrentPasswordMatch == false))
        {
            JOptionPane.showMessageDialog(this, "Operator does not
exist.", "Error", JOptionPane.ERROR_MESSAGE);
            tFirstName.setText("");
            pCurrentPassword.setText("");
            pNewPassword.setText("");
        }
    }

    }

    }
    flagFirstName = false;
    flagCurrentPassword = false;
    flagNewPassword = false;
    flagFirstNameMatch = false;
    flagCurrentPasswordMatch = false;

}

if(e.getSource()==bBack)
{
    int rply = JOptionPane.showConfirmDialog(this, "Are
you sure to quit?");
    if(rply == JOptionPane.YES_OPTION)
    {
        new Userwindow("");
        setVisible(false);
    }
}

}

}

```

import java.

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

import java.awt.event.ActionListener;
import java.awt.Color;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.util.*;
import java.awt.BorderLayout;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;
import java.io.*;
import javax.swing.*;

public class ChequeBook extends JFrame implements ActionListener
{

    private JComboBox pages;
    private JTextField t1;
    private JLabel l0,l1;
    private JButton bsubmit,bcancel;
    ArrayList<Create> list1;

    private int amnt,account,d,t,r,w1,tot1,tot2,v,c;
    private boolean flagAccNum = false;

    public ChequeBook()
    {
        super("Cheque Book Request");

        Container c=getContentPane();
        t1=new JTextField();
        c.setLayout(new GridLayout(3,2));

        bsubmit=new JButton("Submit");
        bsubmit.addActionListener(this);
        JPanel fpanel=new JPanel();
        fpanel.add(bsubmit);
        fpanel.setBackground(new Color(0,0,64));

        bcancel=new JButton("Cancel");
        bcancel.addActionListener(this);
        JPanel gpanel=new JPanel();
        gpanel.add(bcancel);
        gpanel.setBackground(new Color(0,0,64));

        Font f1=new Font("Times New Roman",Font.BOLD,20);
        l0=new JLabel("Enter A/C no");
        l0.setFont(f1);
        l0.setForeground(Color.RED);
        JPanel apanel=new JPanel();
        apanel.add(l0);
        apanel.setBackground(new Color(0,0,64));
    }

```

J Roy Chowdhury



```

l1=new JLabel("Enter Number of Pages");
l1.setFont(f1);
l1.setForeground(Color.RED);
JPanel bpanel=new JPanel();
bpanel.add(l1);
bpanel.setBackground(new Color(0,0,64));

String cvalue[]={"25","50"};
pages=new JComboBox(cvalue);
JPanel cpanel=new JPanel();
cpanel.add(pages);
cpanel.setBackground(new Color(0,0,64));

c.add(apanel);c.add(t1);
c.add(bpanel);c.add(cpanel);
c.add(fpanel);c.add(gpanel);

setSize(400,200);
setLocation(100,100);
setResizable(false);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);

}
public void actionPerformed(ActionEvent e)
{
    d=0;
    r=0;
    c=0;
    String search=t1.getText();
    //r=0;
    if(e.getSource()==bsubmit)
    {
        /*****validation
check*****/

        String vAccNum = t1.getText();

        /*for account number check
        */
        String accNumpattern = "[0-9]{4}" ;
        Scanner scan1 = new Scanner( vAccNum ) ;
        String matched1 = scan1.findInLine(
accNumpattern ) ;
        if ( matched1 == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");

```

J Roy Chowdhury



```

JOptionPane.showMessageDialog(this, "INVALID
ACCOUNT NUMBER\nIt should contain only digits with minimum length of
4 digit.", "Error", JOptionPane.ERROR_MESSAGE);
t1.setText("");
}
else
{
    flagAccNum    = true;
}

```

```

/*****
*****/

```

```

/*****IF VALIDATION
SUCCESSFUL*****/

```

```

if(flagAccNum == true)
{
    try
    {
        FileInputStream fin=new
FileInputStream("Regis.dat");
        ObjectInputStream oin=new
ObjectInputStream(fin);

        list1=(ArrayList<Create>)oin.readObject();
        }
        catch(Exception e1){}

        for(Create re : list1)
        {
            if(re.getAc().equals(search))
            {

                account=Integer.parseInt(t1.getText());

                amnt=Integer.parseInt(re.getInitialamnt());
                String
w=(String)pages.getSelectedItemAt();
                w1=Integer.parseInt(w);
                if(amnt>500)
                {
                    if(w1==25)
                    {
                        v=50;
                        tot1=amnt-v;
                        if(tot1>=500)
                        {
                            new
TotalUpdate(

```

J Roy Chowdhury



```

        r++;
    }

}

if (w1==50)
{
    v=100;
    tot2=amnt-v;
    if (tot2>=500)
    {
        new
        new
        c++;
    }
}

}

}

if ((r==1) || (c==1))
{
    JOptionPane.showMessageDialog(this,
"Check book has been issued");
    new Passdisp(t1.getText());
    t1.setText("");
}
else
{
    JOptionPane.showMessageDialog(this,
"Check cannot be issued");
    t1.setText("");
}
}
flagAccNum = false;

/*****PREVIOUS*****/
***/*

/*

try
{
    FileInputStream fin=new
FileInputStream("Regis.dat");
    ObjectInputStream oin=new
ObjectInputStream(fin);
    .readObject();

```

J Roy Chowdhury



```

    }
    catch(Exception e1){}

    for(Create re : list1)
    {
        if(re.getAc().equals(search))
        {
            account=Integer.parseInt(t1.getText());

            amnt=Integer.parseInt(re.getInitialamnt());
            String w=(String)pages.getSelectedItemAt();
            w1=Integer.parseInt(w);
            if(amnt>500)
            {
                if(w1==25)
                {
                    v=50;
                    tot1=amnt-v;
                    if(tot1>=500)
                    {
                        new
Actotalcreate(account,v,d,tot1);
                        new
TotalUpdate(account,tot1);
                        r++;
                    }
                }

                if(w1==50)
                {
                    v=100;
                    tot2=amnt-v;
                    if(tot2>=500)
                    {
                        new
Actotalcreate(account,v,d,tot2);
                        new
TotalUpdate(account,tot2);
                        c++;
                    }
                }
            }
        }
    }

    if((r==1)||(c==1))
    {
        JOptionPane.showMessageDialog(this, "Check
book has been issued");
    }

```

J Roy Chowdhury



```

        else
        {
            JOptionPane.showMessageDialog(this, "Check
cannot be issued");
        }

        */

    }

    if(e.getSource()==bcancel)
    {
        int con=JOptionPane.showConfirmDialog(this, "Are you
sure to cancel?");

        if(con==JOptionPane.YES_OPTION)
        {
            new Request();
            //new UserMain1();
            setVisible(false);
        }

    }

}

import java.awt.Container;
import java.awt.GridLayout;
import java.awt.Color;
import java.util.*;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;
import java.awt.event.ActionListener; //to sense mouse click
import java.awt.event.ActionEvent;
import java.io.Serializable;
import java.util.Calendar;

import javax.swing.*;

public class Create implements Serializable
{
    private String ac;
    public String getAc() {
        return ac;
    }
    public void setAc(String ac) {
        this.ac = ac;
    }
    private String name;
    private String name1;
    private

```

J Roy Chowdhury




```

private String email;
private String nationality;
private String acctype;
private String city;
private String gender;
private String dob;
private String date;
private String time;
private String Identity;
private String profession;
private String initialamnt;



```

```

public String getInitialamnt() {
    return initialamnt;
}
public void setInitialamnt(String initialamnt) {
    this.initialamnt = initialamnt;
}
public String getNationality() {
    return nationality;
}
public void setNationality(String nationality) {
    this.nationality = nationality;
}
public String getAcctype() {
    return acctype;
}
public void setAcctype(String acctype) {
    this.acctype = acctype;
}
public String getIdentity() {
    return Identity;
}
public void setIdentity(String identity) {
    Identity = identity;
}
public String getProfession() {
    return profession;
}
public void setProfession(String profession) {
    this.profession = profession;
}

public String getName1()
{
    return name1;
}
public void setName1(String name1)
{

```

Document sign date :Aug 2, 2013

```

    }
    public String getEmail()
    {
        return email;
    }
    public void setEmail(String email)
    {
        this.email = email;
    }
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }

    public String getAddress() {
        return address;
    }
    public void setAddress(String address) {
        this.address = address;
    }
    public String getCity() {
        return city;
    }
    public void setCity(String city) {
        this.city = city;
    }
    public String getGender() {
        return gender;
    }
    public void setGender(String gender) {
        this.gender = gender;
    }
    public String getDob() {
        return dob;
    }
    public void setDob(String dob) {
        this.dob = dob;
    }

    public String getDate() {
        return date;
    }
    public void setDate(String date) {
        this.date = date;
    }
    public String getTime() {
        return time;
    }
    public void setTime(String time) {
        this.time = time;
    }
}

```

}

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

import java.awt.Color;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.io.FileInputStream;
import java.io.ObjectInputStream;
import java.util.ArrayList;
import java.util.Calendar;
import java.util.Scanner;

import javax.swing.*.*;

public class CreateFrame extends JFrame implements ActionListener
{
    private JLabel
10,101,11,12,13,14,140,15,16,17,18,19,110,111,112,113,114,115,116,11
7,118,119,120,121;
    private JTextField
t1,tid1,tid2,tid3,tid4,tid5,tid6,tid7,tid8,tid10;
    private JComboBox
city,day,month,year,annualincome,identity,profession,acctype,acno;
    private JRadioButton
rmale,rfemale,rsav,rothers,married,unmarried;
    private JButton bsubmit,back;
    private String sysdate,sysdate;
    //private ArrayList<Create> alist = new ArrayList<Create>();
    private boolean flagName = false;
    private boolean flagName1 = false;
    private boolean flagAddress = false;
    private boolean flagNationality = false;
    private ArrayList<Create> alist;
    private boolean flagAccountNumber = false;
    private int count = 0;
    private String ini;
    private boolean flagInitialAmount = false;
    private boolean flagLandline = false;
    private boolean flagMobile = false;
    private boolean flagAge = false;
    private boolean flagProof = false;

    CreateFrame()
    {
        super("User registration form");

        Container c=getContentPane();
        c.setLayout(new GridLayout(21,2));

        tid1=new JTextField();
        tid2=new JTextField();
        tid3=new JTextField();

```

J Roy Chowdhury



```

tid4=new JTextField();
tid5=new JTextField();
tid6=new JTextField();
tid7=new JTextField();
tid8=new JTextField();
//tid9=new JTextField();
tid10=new JTextField();

String cvalue[]={"<50000","50000-100000","100000-600000",">600000"};
annualincome=new JComboBox(cvalue);

String dlvalue[]={"Government Service","Business","Private Sector","Student","Others"};
profession=new JComboBox(dlvalue);

String evalue[]={"Pan Card","Voter Card","Ration Card","Driving License"};
identity=new JComboBox(evalue);

rsav=new JRadioButton("Savings");

rothers=new JRadioButton("Savings");

ButtonGroup rlgroup=new ButtonGroup();
rlgroup.add(rsav);
JPanel kpanel=new JPanel();
kpanel.add(rsav);

rmale=new JRadioButton("Male");
rfemale=new JRadioButton("Female");
ButtonGroup rgroup=new ButtonGroup();
rgroup.add(rmale);
rgroup.add(rfemale);
JPanel gpanel=new JPanel();

married=new JRadioButton("Married");
unmarried=new JRadioButton("Single");
ButtonGroup r2group=new ButtonGroup();
r2group.add(married);
r2group.add(unmarried);
JPanel gopanel=new JPanel();
gopanel.add(married);
gopanel.add(unmarried);

gpanel.add(rmale);
gpanel.add(rfemale);

t1=new JTextField();

String dvalue[]=new String[31];
for(int i=0;i<=30;i++)
{

```

J Roy Chowdhury



```

    }
    day=new JComboBox(dvalue);

    String mvalue[]=new String[12];
    for(int i=0;i<=11;i++)
    {
        mvalue[i]=String.valueOf(i+1);
    }
    month=new JComboBox(mvalue);

    String yvalue[]=new String[25];
    int cnt=0;
    for(int i=1989;i<=2013;i++)
    {
        yvalue[cnt]=String.valueOf(i);
        cnt++;
    }
    year=new JComboBox(yvalue);
    JPanel cpanel=new JPanel();
    cpanel.add(day);
    cpanel.add(month);
    cpanel.add(year);
    bsubmit=new JButton("Register");
    bsubmit.addActionListener(this);

    Font f1=new Font("Times New Roman",Font.BOLD,14);
    l01=new JLabel("
ACCOUNT OPENING");
    l01.setFont(f1);
    l01.setForeground(Color.RED);
    JPanel fpanel=new JPanel();
    fpanel.add(l01);
    fpanel.setBackground(new Color(0,0,64));

    l0=new JLabel("FORM
");
    l0.setFont(f1);
    l0.setForeground(Color.RED);
    JPanel apanel=new JPanel();
    apanel.add(l0);
    apanel.setBackground(new Color(0,0,64));

    //Font f1=new Font("Times New Roman",Font.BOLD,14);
    l1=new JLabel("Enter First Name");
    l1.setFont(f1);
    l1.setForeground(Color.RED);
    JPanel bpanel=new JPanel();
    bpanel.add(l1);
    bpanel.setBackground(new Color(0,0,64));

    l2=new JLabel("Enter Last Name");
    l2.setFont(f1);
    l2.setForeground(Color.RED);
    JPanel copanel=new JPanel();
    c

```

J Roy Chowdhury



```

copanel.setBackground(new Color(0,0,64));

l3=new JLabel("Enter Address");
l3.setFont(f1);
l3.setForeground(Color.RED);
JPanel dpanel=new JPanel();
dpanel.add(l3);
dpanel.setBackground(new Color(0,0,64));

l4=new JLabel("Enter Phone Number(Landline)");
l4.setFont(f1);
l4.setForeground(Color.RED);
JPanel epanel=new JPanel();
epanel.add(l4);
epanel.setBackground(new Color(0,0,64));

l40=new JLabel("Enter Phone Number(Mobile)");
l40.setFont(f1);
l40.setForeground(Color.RED);
JPanel vpanel=new JPanel();
vpanel.add(l40);
vpanel.setBackground(new Color(0,0,64));

l5=new JLabel("Select Sex");
l5.setFont(f1);
l5.setForeground(Color.RED);
JPanel qpanel=new JPanel();
qpanel.add(l5);
qpanel.setBackground(new Color(0,0,64));

l6=new JLabel("Natinality");
l6.setFont(f1);
l6.setForeground(Color.RED);
JPanel wpanel=new JPanel();
wpanel.add(l6);
wpanel.setBackground(new Color(0,0,64));

l7=new JLabel("Select Age");
l7.setFont(f1);
l7.setForeground(Color.RED);
JPanel opanel=new JPanel();
opanel.add(l7);
opanel.setBackground(new Color(0,0,64));

l8=new JLabel("Select A/C Type");
l8.setFont(f1);
l8.setForeground(Color.RED);
JPanel zpanel=new JPanel();
zpanel.add(l8);
zpanel.setBackground(new Color(0,0,64));

```

J Roy Chowdhury



```

l9=new JLabel("Date of Birth");
l9.setFont(f1);
l9.setForeground(Color.RED);
JPanel xpanel=new JPanel();
xpanel.add(l9);
xpanel.setBackground(new Color(0,0,64));

l10=new JLabel("Enter Annual Income");
l10.setFont(f1);
l10.setForeground(Color.RED);
JPanel vxpanel=new JPanel();
vxpanel.add(l10);
vxpanel.setBackground(new Color(0,0,64));

l11=new JLabel("Enter Profession");
l11.setFont(f1);
l11.setForeground(Color.RED);
JPanel vppanel=new JPanel();
vppanel.add(l11);
vppanel.setBackground(new Color(0,0,64));

l12=new JLabel("Enter Marital Status");
l12.setFont(f1);
l12.setForeground(Color.RED);
JPanel npanel=new JPanel();
npanel.add(l12);
npanel.setBackground(new Color(0,0,64));

l13=new JLabel("Enter Identity Proof");
l13.setFont(f1);
l13.setForeground(Color.RED);
JPanel mpanel=new JPanel();
mpanel.add(l13);
mpanel.setBackground(new Color(0,0,64));

l14=new JLabel("Enter Identity proof no:");
l14.setFont(f1);
l14.setForeground(Color.RED);
JPanel jpanel=new JPanel();
jpanel.add(l14);
jpanel.setBackground(new Color(0,0,64));

/*****extra*****/

/*l15=new JLabel("Enter Initial Amount");
l15.setFont(f1);
l15.setForeground(Color.RED);
JPanel bcpanel=new JPanel();
bcpanel.add(l15);
bcpanel.setBackground(new Color(0,0,64));*/

/*****/

```

J Roy Chowdhury



```

Calendar cal = Calendar.getInstance();

String cday = ""+cal.get(Calendar.DATE);
int x =cal.get(Calendar.MONTH);
String cmonth = ""+(x+1);
String cyear =""+cal.get(Calendar.YEAR);
sysdate = cday+"/"+cmonth+"/"+cyear;
l16=new JLabel(sysdate);

String chr = ""+cal.get(Calendar.HOUR_OF_DAY);
String cmin = ""+cal.get(Calendar.MINUTE);
String csec =""+cal.get(Calendar.SECOND);
systime = chr+":"+cmin":"+csec;

l17=new JLabel(systime);

l18=new JLabel("Current Time");
l18.setFont(f1);
l18.setForeground(Color.RED);
JPanel vopanel=new JPanel();
vopanel.add(l18);
vopanel.setBackground(new Color(0,0,64));

l19=new JLabel("Current Date");
l19.setFont(f1);
l19.setForeground(Color.RED);
JPanel vipanel=new JPanel();
vipanel.add(l19);
vipanel.setBackground(new Color(0,0,64));

l20=new JLabel("Give a 4-digit Account number");
l20.setFont(f1);
l20.setForeground(Color.RED);
JPanel poppanel=new JPanel();
poppanel.add(l20);
poppanel.setBackground(new Color(0,0,64));

l20=new JLabel("Initial Amount");
l20.setFont(f1);
l20.setForeground(Color.RED);
JPanel kop=new JPanel();
kop.add(l20);
kop.setBackground(new Color(0,0,64));

bsubmit=new JButton("SUBMIT");
bsubmit.addActionListener(this);
JPanel dopanel=new JPanel();
dopanel.add(bsubmit);
dopanel.setBackground(new Color(0,0,64));

back=new JButton("BACK");
b

```

J Roy Chowdhury




```

        JPanel dipanel=new JPanel();
        dipanel.add(back);
        dipanel.setBackground(new Color(0,0,64));

c.add(fpanel);c.add(apanel);
    c.add(bpanel);c.add(tid1);
    c.add(copanel);c.add(tid2);
    c.add(dpanel);c.add(tid3);
    c.add(epanel);c.add(tid4);
    c.add(vpanel);c.add(tid5);
    c.add(qpanel);c.add(gpanel);
    c.add(wpanel);c.add(tid6);
    c.add(opanel);c.add(tid7);
    c.add(zpanel);c.add(kpanel);
    c.add(xpanel);c.add(cpanel);
    c.add(vxpanel);c.add(annualincome);
    c.add(vppanel);c.add(profession);
    c.add(npanel);c.add(gopanel);
    c.add(mpanel);c.add(identity);
    c.add(jpanel);c.add(tid8);
    //c.add(bcpanel);c.add(tid9);
    c.add(poppanel);c.add(t1);
    c.add(kop);c.add(tid10);
    c.add(vipanel);c.add(l16);
    c.add(vopanel);c.add(l17);
    c.add(dopanel);c.add(dipanel);

setSize(600,625);
setLocation(200,200);
setResizable(false);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);

}

public void actionPerformed(ActionEvent e)
{
    String name;//first name
    String namel;//last name
    String address;
    String nationality;
    String acc;//account type
    String gn;
    String dob;
    String date;
String time;
    String Iden;
    String prof;
    String inti;
    String acl;
    String land;
    String mob;
    ~.

```

J Roy Chowdhury



```

String proof;

Create reg;
if(e.getSource()==bsubmit)
{
    /*******VALIDATION*****
    *****/

        /*******validation check*****/

        name=tid1.getText();
        name1=tid2.getText();
        address=tid3.getText();
        nationality=tid6.getText();
        acl=t1.getText();
        ini = tid10.getText();
        land = tid4.getText();
        mob = tid5.getText();
        age = tid7.getText();
        proof = tid8.getText();

        /* user first name check
        * */
        String namepattern = "[A-Za-z]";
        Scanner scan = new Scanner( name ) ;
        String matched = scan.findInLine( namepattern )
;

        if ( matched == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
FIRST NAME\nIt should contain only alphabet.");
            JOptionPane.showMessageDialog(this, "INVALID
FIRST NAME\nIt should contain only alphabet.", "Error",
JOptionPane.ERROR_MESSAGE);
            tid1.setText("");
        }
        else
        {
            flagName = true;
        }

        /* user last name check
        * */
        String namepattern1 = "[A-Za-z]";
        Scanner scan1 = new Scanner( name1 ) ;
        String matched1 = scan1.findInLine( namepattern1
) ;

        if ( matched1 == null )
        ,

```

J Roy Chowdhury



```

        //JOptionPane.showMessageDialog(this, "INVALID
FIRST NAME\nIt should contain only alphabet.");
        JOptionPane.showMessageDialog(this, "INVALID
        LAST NAME\nIt should contain only alphabet.", "Error",
JOptionPane.ERROR_MESSAGE);
        tid2.setText("");
    }
    else
    {
        flagName1 = true;
    }

    /* user address check
    * */
    String namepattern2 = "[A-Za-z0-9]{1}";
    Scanner scan2 = new Scanner( address );
    String matched2 = scan2.findInLine( namepattern2
) ;

    if ( matched2 == null )
    {
        //JOptionPane.showMessageDialog(this, "INVALID
FIRST NAME\nIt should contain only alphabet.");
        JOptionPane.showMessageDialog(this, "INVALID
        ADDRESS\nIT SHOLUD NOT BLANK.", "Error",
JOptionPane.ERROR_MESSAGE);
        tid3.setText("");
    }
    else
    {
        flagAddress = true;
    }

    /*for landline numbercheck
    * */
    String landlinepattern = "[0-9]{8}" ;
    Scanner scan6 = new Scanner( land ) ;
    String matched6 = scan6.findInLine(
landlinepattern ) ;
    if ( matched6 == null )
    {
        //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
        JOptionPane.showMessageDialog(this, "INVALID
LANDLINE NUMBER\nIt should contain only digits with minimum length
of 8 digit.", "Error", JOptionPane.ERROR_MESSAGE);
        tid4.setText("");
    }
    else
    {
        flagLandline = true;
    }

```

J Roy Chowdhury



```

        /*for mobile numbercheck
        * */
        String mobpattern = "[0-9]{10}" ;
        Scanner scan7 = new Scanner( mob ) ;
        String matched7 = scan7.findInLine( mobpattern )
;

        if ( matched7 == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
            JOptionPane.showMessageDialog(this, "INVALID MOBILE
NUMBER\nIt should contain only digits with minimum length of 10
digit.", "Error", JOptionPane.ERROR_MESSAGE);
            tid5.setText("");
        }
        else
        {
            flagMobile = true;
        }

        /* user nationality check
        * */
        String namepattern3 = "[A-Za-z]";
        Scanner scan3 = new Scanner( nationality ) ;
        String matched3 = scan3.findInLine( namepattern3
) ;

        if ( matched3 == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
FIRST NAME\nIt should contain only alphabet.");
            JOptionPane.showMessageDialog(this, "INVALID
NATIONALITY\nIt should contain only alphabet.", "Error",
JOptionPane.ERROR_MESSAGE);
            tid6.setText("");
        }
        else
        {
            flagNationality = true;
        }

        /*for agecheck
        * */
        String agepattern = "[0-9]{2}" ;
        Scanner scan8 = new Scanner( age ) ;
        String matched8 = scan8.findInLine( agepattern )
;

        if ( matched8 == null )
        {

```

J Roy Chowdhury



```

        //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
        JOptionPane.showMessageDialog(this, "INVALID
AGE\nAge must be minimum 10 years & it should contain only digit.",
"Error", JOptionPane.ERROR_MESSAGE);
        tid7.setText("");
    }
    else
    {
        flagAge      = true;
    }

    /* user proof check
    * */
    String proofpattern2 = "[A-Za-z0-9]{1}";
    Scanner scan9 = new Scanner( proof ) ;
    String matched9 = scan9.findInLine(
proofpattern2 ) ;
    if ( matched9 == null )
    {
        //JOptionPane.showMessageDialog(this, "INVALID
FIRST NAME\nIt should contain only alphabet.");
        JOptionPane.showMessageDialog(this, "INVALID
IDENTITY PROOF NUMBER\nIT SHOLUD NOT BLANK.", "Error",
JOptionPane.ERROR_MESSAGE);
        tid8.setText("");
    }
    else
    {
        flagProof = true;
    }

    /*for account number check
    * */
    String accpattern = "[0-9]{4}" ;
    Scanner scan4 = new Scanner( ac1 ) ;
    String matched4 = scan4.findInLine( accpattern )
;
    if ( matched4 == null )
    {
        //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
        JOptionPane.showMessageDialog(this, "INVALID
ACCOUNT NUMBER\nIt should contain only digits with minimum length of
4 digit.", "Error", JOptionPane.ERROR_MESSAGE);
        t1.setText("");
    }
    else
    {
        flagAccountNumber = true;
    }

```

J Roy Chowdhury



```

        /*for initial amount check
        * */
        String inipattern = "[0-9]{3}" ;
        Scanner scan5 = new Scanner( ini ) ;
        String matched5 = scan5.findInLine( inipattern )
;
        if ( matched5 == null )
        {
            //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
            JOptionPane.showMessageDialog(this, "INVALID
INITIAL AMOUNT\nIt should contain only digits with minimum length of
3 digit.", "Error", JOptionPane.ERROR_MESSAGE);
            tid10.setText("");
        }
        else
        {
            flagInitialAmount = true;
        }

```

```

if(flagName == true)
{
    if(flagName1 == true)
    {
        if(flagAddress == true)
        {
            if(flagNationality == true)
            {
                if(flagAccountNumber == true)
                {
                    if(flagInitialAmount == true)
                    {
                        if(flagLandline ==
true)
                        {
                            if(flagMobile ==
true)
                            {
                                if(flagAge
== true)
                                {
                                    if(flagProof == true)
                                    {

```

/*****r *****/

J Roy Chowdhury



```

try
{

FileInputStream fin=new FileInputStream("Regis.dat");

ObjectInputStream oin=new ObjectInputStream(fin);

alist=(ArrayList<Create>)oin.readObject();

}

catch(Exception ex)

{

alist=new ArrayList<Create>();

}

/*****

/*****operation*****/

//it

checks account numebr is already present or not

for(Create element : alist)

{

if(element.getAc().equals(t1.getText()))

{

count++;

}

}

if(count > 0)//if present

{

JOptionPane.showMessageDialog(this, "Account numner is already
registered.\nTry another one", "Error", JOptionPane.ERROR_MESSAGE);

t1.setText("");

}

else//if not present

{

/*****/

```

J Roy Chowdhury



```

        /*****check the minimum initial
amount*****/

if(Integer.parseInt(ini) >= 500)
{
    inti=tid10.getText();
    name=tid1.getText();
    name1=tid2.getText();
    address=tid3.getText();
    nationality=tid6.getText();
    ac1=t1.getText();
    Iden=(String)identity.getSelectedItemAt();
    prof=(String)profession.getSelectedItemAt();
    acc="";
    if(rsav.isSelected())
    {
        acc="Savings";
    }
    else if(rothers.isSelected())
    {
        acc="Others";
    }
    gn="";
    if(rmale.isSelected())
    {
        gn="Male";
    }
    else if(rfemale.isSelected())

```

J Roy Chowdhury




```

{

    gn="Female";

}

String d=(String)day.getSelectedItemAt();

String m=(String)month.getSelectedItemAt();

String y=(String)year.getSelectedItemAt();

dob=d + "-" + m + "-" + y;

/*****

*****/

/*****packing variable into
object*****/

reg=new Create();

reg.setName(name);

reg.setName1(name1);

reg.setAddress(address);

reg.setNationality(nationality);

reg.setAcctype(acc);

reg.setGender(gn);

reg.setDob(dob);

reg.setIdentity(Iden);

```

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

        reg.setProfession(prof);

        reg.setAc(ac1);

        reg.setInitialamnt(inti);

        reg.setDate(l16.getText());

        reg.setTime(l17.getText());


        /*****
        *****/

        int con=JOptionPane.showConfirmDialog(this, "Are You Sure
to Register?");

        if(con==JOptionPane.YES_OPTION)

        {

            new AddInformation1(reg);


            new
Actotalcreate(Integer.parseInt(t1.getText()),0,Integer.parseInt(tid1
0.getText()),Integer.parseInt(tid10.getText()));//acc --->
Integer.parseInt(t1.getText()), withdrw -----> 0,deposit ----->
Integer.parseInt(tid10.getText()),total ----->
Integer.parseInt(tid10.getText()) (all are int)

            new
TotalUpdate(Integer.parseInt(t1.getText()),Integer.parseInt(tid10.ge
tText()));

        //setVisible(false);

        JOptionPane.showMessageDialog(this, "Successfully
registered");

        new Individualpassbook(ac1);

        tid10.setText("");

```

J Roy Chowdhury



```

        tid1.setText("");
        tid2.setText("");
        tid3.setText("");
        tid6.setText("");
        t1.setText("");
        tid4.setText("");
        tid5.setText("");
        tid7.setText("");
        tid8.setText("");

    }

}

else

{

    JOptionPane.showMessageDialog(this, "Minimum initial
amount should be 500", "Error", JOptionPane.ERROR_MESSAGE);

    tid10.setText("");

}

/*****
*****/

/*

inti=tid10.getText();

name=tid1.getText();

name1=tid2.getText();

address=tid3.getText();

nationality=tid6.getText();

```

J Roy Chowdhury



```
acl=t1.getText();

Iden=(String)identity.getSelectedItemAt();

prof=(String)profession.getSelectedItemAt();

acc="";

if(rsav.isSelected())

{

    acc="Savings";

}

else if(rothers.isSelected())

{

    acc="Others";

}

gn="";

if(rmale.isSelected())

{

    gn="Male";

}

else if(rfemale.isSelected())

{

    gn="Female";

}


String d=(String)day.getSelectedItemAt();

String m=(String)month.getSelectedItemAt();

String y=(String)year.getSelectedItemAt();

dob=d + "-" + m + "-" + y;

*/
```

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

/*****
*****/

```

```

/*****packing variable into
object*****/

```

```

/*

```

```

reg=new Create();

```

```

reg.setName(name);

```

```

reg.setName1(name1);

```

```

reg.setAddress(address);

```

```

reg.setNationality(nationality);

```

```

reg.setAcctype(acc);

```

```

reg.setGender(gn);

```

```

reg.setDob(dob);

```

```

reg.setIdentity(Iden);

```

```

reg.setProfession(prof);

```

```

reg.setAc(ac1);

```

```

reg.setInitialamnt(inti);

```

```

reg.setDate(l16.getText());

```

```

reg.setTime(l17.getText());

```

```

*/

```

```

/*****
*****/

```

J Roy Chowdhury



Document sign date :Aug 2, 2013


```

flagName = false;
flagName1 = false;
flagAddress = false;
flagNationality = false;
flagAccountNumber = false;
flagInitialAmount = false;
count =0;
flagLandline = false;
flagMobile = false;
flagAge = false;
flagProof = false;

```

```

/*****previous*****/

```

```

/*inti=tid10.getText();
name=tid1.getText();
name1=tid2.getText();
address=tid3.getText();
nationality=tid6.getText();
ac1=t1.getText();
Iden=(String)identity.getSelectedItemAt();
prof=(String)profession.getSelectedItemAt();
acc="";
if(rsav.isSelected())
{
    acc="Savings";
}
else if(rothers.isSelected())
{
    acc="Others";
}
gn="";
if(rmale.isSelected())
{
    gn="Male";
}
else if(rfemale.isSelected())
{
    gn="Female";
}

```

```

String d=(String)day.getSelectedItemAt();
String m=(String)month.getSelectedItemAt();
String y=(String)year.getSelectedItemAt();
dob=d + "-" + m + "-" + y;

```

```

reg=new Create();

```

J Roy Chowdhury



```

        reg.setName1(name1);
        reg.setAddress(address);
        reg.setNationality(nationality);
        reg.setAcctype(acc);
        reg.setGender(gn);
        reg.setDob(dob);
        reg.setIdentity(Iden);
        reg.setProfession(prof);
        reg.setAc(ac1);
        reg.setInitialamnt(inti);
        reg.setDate(l16.getText());
        reg.setTime(l17.getText());

        int con=JOptionPane.showConfirmDialog(this, "Are You Sure to
Register?");

        if(con==JOptionPane.YES_OPTION)
        {
            new AddInformation1(reg);
            setVisible(false);

        }*/

    }

    if(e.getSource()==back)
    {
        int rply = JOptionPane.showConfirmDialog(this, "Are
you sure to quit?");
        if(rply == JOptionPane.YES_OPTION)
        {
            new Userwindow("");
            setVisible(false);

        }

    }

}

}

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.awt.Color;
import java.io.FileInputStream;
import java.io.FileOutputStream;
import java.io.ObjectInputStream;
import java.io.ObjectOutputStream;
import java.util.*;
import java.awt.BorderLayout;
import java.awt.Container;
import java.awt.Font;
import java.awt.GridLayout;
import java.io.*;

```

J Roy Chowdhury




```

import javax.swing.*;

public class Withdraw extends JFrame implements ActionListener
{
    private JLabel l1,l2,l3,l4;
    private JTextField t1,t2;
    private JButton withdraw, cancel, deposit;
    private int x, amnt, t, w, account, d, r=0;
    ArrayList<Create> list1;
    private boolean flagWithdraw = false;
    private boolean flagAccNum = false;
    private boolean flagYes = false;
    private boolean flagAccMatch = false;
    private boolean flagNo = false;

    public Withdraw()
    {
        super("DEPOSIT/WITHDRAWAL SLIP");

        Container c=getContentPane();
        c.setLayout(new GridLayout(4,2));

        Font f1=new Font("Times New Roman",Font.BOLD,20);
        /*l1=new JLabel("                                WITHDRAWAL");
        l1.setFont(f1);
        l1.setForeground(Color.GRAY);
        JPanel fpanel=new JPanel();
        fpanel.add(l1);
        fpanel.setBackground(new Color(0,0,64));

        l1=new JLabel("SLIP                                ");
        l1.setFont(f1);
        l1.setForeground(Color.GRAY);
        JPanel apanel=new JPanel();
        apanel.add(l1);
        apanel.setBackground(new Color(0,0,64));*/

        l1=new JLabel("Enter ACCOUNT NO:");
        l1.setFont(f1);
        l1.setForeground(Color.GRAY);
        JPanel bpanel=new JPanel();
        bpanel.add(l1);
        bpanel.setBackground(new Color(0,0,64));

        l2=new JLabel("ENTER AMOUNT:");
        l2.setFont(f1);
        l2.setForeground(Color.GRAY);
        JPanel blpanel=new JPanel();
        blpanel.add(l2);
        blpanel.setBackground(new Color(0,0,64));

        l3=new JLabel("DEPOSIT:");
        l3.setFont(f1);
        l3.setForeground(Color.GRAY);
        J
    }
}

```

J Roy Chowdhury



```

b2panel.add(l3);
b2panel.setBackground(new Color(0,0,64));

t1=new JTextField();
t2=new JTextField();

withdraw=new JButton("WITHDRAW");
withdraw.addActionListener(this);
JPanel dpanel=new JPanel();
dpanel.add(withdraw);
dpanel.setBackground(new Color(0,0,64));

deposit=new JButton("DEPOSIT");
deposit.addActionListener(this);
JPanel dlpanel=new JPanel();
dlpanel.add(deposit);
dlpanel.setBackground(new Color(0,0,64));

cancel=new JButton("CANCEL");
cancel.addActionListener(this);
JPanel epanel=new JPanel();
epanel.add(cancel);
epanel.setBackground(new Color(0,0,64));

l4=new JLabel("");
l4.setFont(f1);
l4.setForeground(Color.GRAY);
JPanel b3panel=new JPanel();
b3panel.add(l4);
b3panel.setBackground(new Color(0,0,64));

c.add(bpanel);c.add(t1);
c.add(blpanel);c.add(t2);
c.add(dpanel);c.add(dlpanel);
c.add(epanel);c.add(b3panel);

setSize(500,500);
setLocation(100,100);
setResizable(false);
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setVisible(true);

}

public void actionPerformed(ActionEvent e)
{
    //Create rg1=new Create();

    //String data[][];
    //String heading[]={ "First Name","Last
name","Address","Nationality","Account Type","Date Of
Birth","Identity","Profession","Reg Date","Reg Time","A/c
no","Initial

```

J Roy Chowdhury



```

String search=t1.getText();//search ----->account
number
if(e.getSource()==withdraw)
{

    /*******validation
check******/

    String vaccNum = t1.getText();
    String vwithdrw = t2.getText();

    /*for account number check
    */
    String accNumpattern = "[0-9]{4}" ;
    Scanner scan1 = new Scanner( vaccNum ) ;
    String matched1 = scan1.findInLine(
accNumpattern ) ;
    if ( matched1 == null )
    {
        //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
        JOptionPane.showMessageDialog(this, "INVALID
ACCOUNT NUMBER\nIt should contain only digits with minimum length of
4 digit.", "Error", JOptionPane.ERROR_MESSAGE);
        t1.setText("");
    }
    else
    {
        flagAccNum = true;
    }

    /*for withdraw amount check
    */
    String withdrawpattern = "[0-9]{3}" ;
    Scanner scan = new Scanner( vwithdrw ) ;
    String matched = scan.findInLine(
withdrawpattern ) ;
    if ( matched == null )
    {
        //JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
        JOptionPane.showMessageDialog(this, "INVALID
WITHDRAW AMOUNT\nIt should contain only digits with minimum withdraw
amount of INR 100.", "Error", JOptionPane.ERROR_MESSAGE);
        t2.setText("");
    }
    else
    {
        flagWithdraw = true;
    }
}

```

J Roy Chowdhury



```

/*****
*****/

```

```

/*****IF VALIDATION
SUCCESSFUL*****/

```

```

    if(flagAccNum == true)
    {
        if(flagWithdraw == true)
        {
            try//read from file
            {
                FileInputStream fin=new
FileInputStream("Regis.dat");
                ObjectInputStream oin=new
ObjectInputStream(fin);

                list1=(ArrayList<Create>)oin.readObject();
                //reading all account withdraw info
            }
            catch(Exception e1)// if file is not
present in first time
            {
                JOptionPane.showMessageDialog(this,
"No file found in data base", "Error", JOptionPane.ERROR_MESSAGE);
            }

            /****sukanta*****/

            //x = list1.size();

            for(Create re : list1)
            {
                if(re.getAc().equals(search))
                {
                    flagAccMatch = true;

w=Integer.parseInt(t2.getText());

amnt=Integer.parseInt(re.getInitialamnt());
                    if(amnt>=500)
                    {
                        flagNo = true;

                        t = amnt - w;

                        if(t >= 500)
                        {

```

account

J Roy Chowdhury



Document sign date :Aug 2, 2013

```

        d=0;
        //r++;
        flagYes = true;
    }

    /*
    if (amnt>w)
    {

        t=(amnt-w);

account=Integer.parseInt(t1.getText());

        d=0;
        r++;

    }
    else
    {
        r=0;

        JOptionPane.showMessageDialog(this, "Insufficient Balance",
        "Error", JOptionPane.ERROR_MESSAGE);
    }
    */
}

}

/*****msg display and argu
pass*****/

if((flagAccMatch == true) && (flagNo ==
true) && (flagYes == true))
{
    new
    Actotalcreate(account,w,d,t);//acc ---> account, withdraw ---->
w,deposit -----> d,total -----> t (all are int)
    new TotalUpdate(account,t);
    JOptionPane.showMessageDialog(this,
    "Withdraw done successfully");
    new Passdisp(t1.getText());
    t1.setText("");
    t2.setText("");
}

if((flagAccMatch == true) && (flagNo ==
true) && (flagYes == false))
{
    JOptionPane.showMessageDialog(this,
    "Insufficient balance.\nAccount balance must be 500 after
withdraw.", "Error", JOptionPane.ERROR_MESSAGE);
    t1.setText("");
    t2.setText("");
}

```

J Roy Chowdhury




```

        t1.setText("");
    }
    else
    {
        flagAccNum    = true;
    }

    /*for withdraw amount check
    * */
    String withdrawpattern = "[0-9]{3}" ;
    Scanner  scan  =  new Scanner( vwithdrw ) ;
    String  matched  =  scan.findInLine(
withdrawpattern ) ;
    if ( matched == null )
    {
        JOptionPane.showMessageDialog(this, "INVALID
PASSWORD\nIt should contain only digits with minimum password length
of 4 digit.");
        JOptionPane.showMessageDialog(this, "INVALID
WITHDRAW AMOUNT\nIt should contain only digits with minimum withdraw
amount of INR 100.", "Error", JOptionPane.ERROR_MESSAGE);
        t2.setText("");
    }
    else
    {
        flagWithdraw    = true;
    }

    /*****
    *****/

    /*****IF VALIDATION
    SUCCESSFUL*****/

    if(flagAccNum == true)
    {
        if(flagWithdraw == true)
        {
            try
            {
                FileInputStream fin=new
FileInputStream("Regis.dat");
                ObjectInputStream oin=new
ObjectInputStream(fin);

                list1=(ArrayList<Create>)oin.readObject();
                }catch(Exception e1){}

                //x = list1.size();
                for(Create re : list1)
                {
                    als(search))

```

J Roy Chowdhury




```

        {

            flagAccMatch = true;

            amnt=Integer.parseInt(re.getInitialamnt());

            w=Integer.parseInt(t2.getText());
            t=(amnt+w);

            account=Integer.parseInt(t1.getText());
            d=0;

            r++;

        }

        if((flagAccNum == true) &&
(flagWithdraw== true) && (flagAccMatch == true))//if(r>0)
        {
            new
Actotalcreate(account,d,w,t);//acc ---> account, withdrw ----->
d,deposit -----> w,total -----> t (all are int)
            new TotalUpdate(account,t);
            JOptionPane.showMessageDialog(this,
"Deposit done successfully");
            new Passdisp(t1.getText());
            t1.setText("");
            t2.setText("");
        }
        if(flagAccMatch == false)
        {
            JOptionPane.showMessageDialog(this,
"Account number does not exists");
            t1.setText("");
            t2.setText("");
        }

        flagAccMatch = false;

    }

    flagAccNum =false;
    flagWithdraw = false;

    /*
    try
    {
        FileInputStream fin=new
FileInputStream("Regis.dat");
        ObjectInputStream oin=new
ObjectInputStream(fin);
        list1=(ArrayList<Create>)oin.readObject();
    }catch(Exception e1){}

```

J Roy Chowdhury



```

        x = list1.size();
        for(Create re : list1)
        {
            if(re.getAc().equals(search))
            {
                amnt=Integer.parseInt(re.getInitialamnt());
                w=Integer.parseInt(t2.getText());
                t=(amnt+w);
                account=Integer.parseInt(t1.getText());
                d=0;

                r++;
            }
        }

        if(r>0)
        {
            new Actotalcreate(account,d,w,t);
            new TotalUpdate(account,t);
            new Passdisp(t1.getText());
            t1.setText("");
            t2.setText("");
        }
        else
        {
            JOptionPane.showMessageDialog(this, "No Data
Found");
        }
        */
    }

}

```

J Roy Chowdhury



PROJECT CERTIFICATES

Certificate

This is to certify that Mr Subhrangshu Chaudhuri of JIS College of Engineering, WBUT registration number: 111230110104 of 2011-12 , has successfully completed a project on Banking System using JAVA under the guidance of Mr Chandan Mukherjee.

MR Chandan Mukherjee

GLOBSYN FINISHING SCHOOL

J Roy Choudhury



Document sign date :Aug 2, 2013

PROJECT CERTIFICATES

Certificate

This is to certify that Mr Subhajit Ganguly of JIS College of Engineering, WBUT registration number: 111230110101 of 2011-12, has successfully completed a project on Banking System using JAVA under the guidance of Mr Chandan Mukherjee.

MR Chandan Mukherjee

GLOBSYN FINISHING SCHOOL

J Roy Chowdhury



Document sign date :Aug 2, 2013

PROJECT CERTIFICATES

Certificate

This is to certify that Mr Sukanta Sharma of JIS College of Engineering, WBUT registration number: 111230110109 of 2011-12, has successfully completed a project on Banking System using JAVA under the guidance of Mr Chandan Mukherjee.

MR Chandan Mukherjee

GLOBSYN FINISHING SCHOOL

J Roy Chowdhury



Document sign date :Aug 2, 2013

PROJECT CERTIFICATES

Certificate

This is to certify that Mr Subhro Dutta of JIS College of Engineering, WBUT registration number: 111230110105 of 2011-12 has successfully completed a project on Banking System using JAVA under the guidance of Mr Chandan Mukherjee.

MR Chandan Mukherjee

GLOBSYN FINISHING SCHOOL

J Roy Chowdhury



Document sign date :Aug 2, 2013

PROJECT CERTIFICATES

Certificate

This is to certify that Mr Satyabrata Sarkar of JIS College of Engineering, WBUT registration number: 111230110087 of 2011-12, has successfully completed a project on Banking System using JAVA under the guidance of Mr Chandan Mukherjee.

MR Chandan Mukherjee

GLOBSYN FINISHING SCHOOL

J Roy Chowdhury



Document sign date :Aug 2, 2013