



BANKING MANAGEMENT SYSTEM

DONE WITH MAINFRAME



ABSTRACT

This project is about banking system administration, in which the administrator can add and delete both retail and corporate clients, while the user can access and update their information if necessary

Literature Survey



COBOL



JCL



DB2



CICS



DataFlow



Scan/Click this QR code
to view the DFD

Modules!



VALIDATION MODULE

```
WELCOME TO ABC BANK OF INDIA          DATE : 2022-05-10
*****
                                TIME : 11:23:20

                                OPTION MENU

OPTIONS

1. EMPLOYEE
2. CUSTOMER

ENTER OPTION NUMBER: 1

F3:EXIT          PRESS ENTER TO SELECT          F5:CLEAR
```

```
BANKING SYSTEM          DATE : 2022-05-10
*****
                                TIME : 12:14:42

EMPLOYEE VALIDATION MENU

USER ID : EMP6R6
PASSWORD : GR6123

PRESS ENTER TO LOGIN

F4 : GOBACK          F5 : CLEAR
```

```
BANKING SYSTEM          DATE : 2022-05-10
*****
                                TIME : 12:25:48

CUSTOMER VALIDATION MENU

USER ID : MONI02
PASSWORD : 10PART

PRESS ENTER TO LOGIN

F4 : GOBACK          F5 : CLEAR
```

EMPLOYEE MODULE

```
BANKING SYSTEM          DATE : 2022-05-10
*****
ADD NEW CUSTOMER        TIME : 11:27:17

ACCOUNT NUMBER   : 0000000018
CUSTOMER NAME    : MONISH_____ PARTHI_____
DATE OF BIRTH    : 2001-02-10 (YYYY-MM-DD)
DATE OF OPENING ACC: 2022-05-10 (YYYY-MM-DD)
CUSTOMER ADDRESS : QWERT WERT
                  YU SDFGH C
                  VBN FGHGH
                  CVBN RTYJ_
CUSTOMER TYPE    : R      ENTER R-RETAIL
                  ENTER C-CORPORATE
OPENING DEPOSIT  : $ 00001548

F9 : ADD CUSTOMER      F4 : GOBACK      F5 : CLEAR
```

```
BANKING SYSTEM          DATE : 2022-05-10
*****
DELETE CUSTOMER        TIME : 12:00:51

ACCOUNT NUMBER    : 0000000018
DATE OF BIRTH     : _____ (MM/DD/YY)
CUSTOMER NAME     : _____
CUSTOMER TYPE     : -      R-RETAIL
                  C-CORPORATE

PRESS ENTER TO GET DETAILS

ACCOUNT DOES NOT EXIST!

F6 : DELETE           F4 : GOBACK           F5 : CLEAR
```

CUSTOMER MODULE

BANKING SYSTEM

UPDATE CUSTOMER

DATE : 2022-05-10
TIME : 11:53:30

ACCOUNT NUMBER : 0000000018
CUSTOMER NAME : MONISH PARTHI
DATE OF BIRTH : 02/10/01 (MM/DD/YY)
DATE OF OPENING ACC: 05/10/22 (MM/DD/YY)
CUSTOMER ADDRESS : QWERT_WERT
YU_SDFGH_C
VBN_FGHHH_
CVBN_RTYJ_
CUSTOMER TYPE : R ENTER R-RETAIL
ENTER C-CORPORATE
BALANCE : \$ 00001548

*****ENTER EITHER DEPOSIT OR WITHDRAWAL*****
DEPOSIT : \$ 00000000
WITHDRAW : \$ 00000000

F1 : UPDATE ADDRESS F9 : DEPOSIT OR WITHDRAWAL
F5 : CLEAR F6 : GET DETAIL F4 : LOGOUT

REPORT MODULE

```
WPROG2
File Edit View Tools Help
-----
Menu Utilities Compilers Help
-----
DSLIST WPR061.FEB21.PROJ.REPORT1 Line 00000000 Col 001 080
-----
***** Top of Data *****
*****
BANKING SYSTEM DATE : 09/05/22
DAILY REPORT OF CORPORATE CUSTOMER ON 2022-05-30 PAGE : 01
*****
ACCOUNT NUMBER CUSTOMER NAME BALANCE
*****
0000000002 ..KAPIL KUMAR SONI 009003400.00
0000000004 ..JATIN JAIN 007897900.00
0000000006 ..UMESH YADAV 009812300.00
0000000007 ..VIMESH KUMAR YADAV 009879900.00
0000000008 ..NIKITA SHARMA 010000000.00
0000000009 ..GURPREET SINGH SINDHU 009223200.00
*****
TOTAL NO OF CORPORATE CUSTOMER : 06.....TOTAL BALANCE : 0055816700.00
*****
Command ==>
F1=Help F2=Split F3=Exit F5=Rfind F7=Up F8=Down F9=Swap
F10=Left F11=Right F12=Cancel
*DSLIST
```

```
WPROG2
File Edit View Tools Help
-----
Menu Utilities Compilers Help
-----
DSLIST WPR061.FEB21.PROJ.REPORT2 Line 00000000 Col 001 080
-----
***** Top of Data *****
*****
BANKING SYSTEM DATE : 10/05/22
DAILY REPORT OF RETAIL CUSTOMER ON 2022-06-30 PAGE : 01
*****
ACCOUNT NUMBER CUSTOMER NAME BALANCE
*****
0000000017 ..PAWAN KUMAR SHAH 050007800.00
0000000003 ..RAHUL SINGH RAJPUT 007882400.00
0000000005 ..YAJASH KUMAR GOELANI 007975790.00
0000000013 ..HIMRAN KAUH SINGH 003400000.00
0000000014 ..DEEPAKSHU KUMAR VERMA 004340000.00
0000000015 ..JOGINDER SHARMA 009090200.00
*****
TOTAL NO OF RETAIL CUSTOMER : 06.....TOTAL BALANCE : 0172700190.00
*****
BANKING SYSTEM DATE : 10/05/22
DAILY REPORT OF RETAIL CUSTOMER ON 2022-06-30 PAGE : 02
*****
ACCOUNT NUMBER CUSTOMER NAME BALANCE
*****
0000000016 ..JATIN MARWA 009076000.00
*****
Command ==>
F1=Help F2=Split F3=Exit F5=Rfind F7=Up F8=Down F9=Swap
F10=Left F11=Right F12=Cancel
*DSLIST
```



Conclusion

- Digital technology is becoming more adaptive than paperwork in today's age of modernity.
- As a result, our online Banking System is a move in the right direction to make things easier.

Reference

JCL

<https://www.ibmmainframer.com/jcl-tutorial/>

J

CICS

<https://www.mainframestechhelp.com/tutorials/cics/index.htm>

C

<https://www.tutorialspoint.com/db2/index.htm>

DB2

D

C

<https://www.mainframestechhelp.com/tutorials/cobol/>
COBOL



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Thanks!

