

Project Title

E-banking website of Muslim Commercial Bank Ltd

Table of Content

1. Business case study / feasibility study
 - 1.1. Introduction to organization
 - 1.2. Objectives of organization
 - 1.3. Mission statement
 - 1.4. Functional Areas
 - 1.5. Problems in organization
 - 1.6. Reason for undertaking the project
 - 1.7. Option available
 - 1.8. Recommendation
 - 1.9. Cost
 - 1.10. Benefits
 - 1.11. Cost/benefits analysis
 - 1.12. Technical feasibility
 - 1.13. Economic feasibility
 - 1.14. Operational feasibility
 - 1.15. Risk analysis & management
 - 1.16. Conclusion
2. IT Analysis
 - 2.1. Current it state
 - 2.2. IT Objective
 - 2.3. IT Problems analysis
 - 2.4. IT Option
3. Investigation of current system
 - 3.1. Problem Definition
 - 3.2. Problem with current system
 - 3.3. Recommendation
4. Proposed system
 - 4.1. Detailed Description
 - 4.2. System Analysis
 - 4.2.1. System outline
 - 4.2.2. Context diagram
 - 4.2.3. High-level data flow diagram
 - 4.2.4. Low level data flow diagram
 - 4.2.5. Normalize ERD
 - 4.3. System Design
 - 4.3.1. Database Design
 - 4.3.2. Table Design
 - 4.3.3. Screen / Report design layout
5. Appendices
 - 5.1. Activity network analysis
 - 5.2. Supplier's specifications
 - 5.3. Stakeholders' communication
 - 5.4. Coding
 - 5.5. Sitemap

Business case study / feasibility study

Introduction organization

MCB was started its life in Calcutta on July 9, 1947. In 1948. In 1956, it transferred as registered office to Karachi. Then it works hard to become a successful bank. In 1974, the govt. of Pakistan nationalized it. In 1991, MCB became Pakistan's 1st privatized bank. After the partition of the INDO-PAK subcontinent the bank moved to Dhaka from where it commenced business in August 1948.

The govt of Pakistan transferred the management of the bank to national group by selling 26% shares of bank. With a view to broaden equality holding the govt. sold 25% of the paid up capital to the general public. MCB today a presence in the three countries around the global namely Sri Lanka, Bangladesh, and Bahrain. There are two Branches in Bangladesh and three in Sri Lanka and Bahrain.

The international division provides one of the fastest means of remittance from the Middle East and other countries and also has Pakistani rupees and Dollar drawing arrangements. Today MCB is a major financial institution in Pakistan. Now MCB is deciding to introduce new technology and improve its services it is feasible & beneficial for him. This study defines either it is beneficial to undertake the project or not.

Objectives of organization

- To become a leading bank in Pakistan.
- To have an international presence.
- To provide quality service toward customers.
- To provide innovative technology with modern & progressive organization

Mission statement

To become the preferred provider of quality financial services in the country with profitability and responsibility and to be the best place to work.

Functional Areas

Bank Branches (as sales Department)

Their main functions are following

- New account opening, new customers opens their account in bank branches
- Cash deposit customer's deposits money in their accounts through bank branches
- Withdraw money customers withdraw from bank branches
- Utility bills payments bank branches accept utility bills payments from customers
- Loan services loan is provided to customers through bank branches

Following documents are used at sales department

- New account form
- ID card copy
- Cash deposit slip
- Cash deposit slip
- Cash withdraw cheque
- Bank statement
- Chequebooks
- Cash deposit slip

Marketing Department

Their main functions are following

- Introduce New schemes
- Advertise in the media
- Make a market research
- Make a market campaign

Following documents are used at marketing department

- Market research
- Order for new advertisement
- Cost reports

Human Resource department

Their main functions are following

- Pay roll of employees
- Staff recruitment
- Staff records maintenances

Following documents are used

- Documents

Application of candidate

- Employees attendance sheet
- Letter to successful candidate
- Letter to successful candidate
- Pay slip
- Report to administration

IT Department

Their main functions are following

- Purchase of hardware\software etc
- Provide maintenance service of hardware software to other departments
- Development of software
- Maintenance of network

Following documents are used

- Purchase request Form
- Problem letter by departments
- Receives tele-banking services application from through bank branches

Administrator Department

Their main functions are following

- Policymaking
- Monitor the others
- Make plan

Following documents are used

- Reports from different department
- Rules policy detail
- Warning letter to other department

Problems in organization

Customers' services

- Person has to go bank or use phone call to bank for checking their account balance & bank statements. But with phone call only one person can be handled.
- People transfers money to other accounts. It takes time to transfer money.
- People pay utility bills. It is also time-consuming procedure for bill payments.

Bank services

- More use of paper-based work.
- Non-availability of service i.e. bank timing or non-functional ATMs.

Reason for undertaking the project

- Online service will be essential in the future.
- It is new technology. It will improve the image of MCB.
- We will get the maximum customers market.
- Scope of bank will be worldwide.
- With online services, customer will be increased.

Option available

- Increase the people to solve the non-availability of service
- Reduce paper work by proper allotment of papers.

- Computerized the whole system. So the whole system is integrated.
- Make an e-banking web site that allows customers online queries and transactions

Recommendation

It is recommended that the e-banking web site is most appropriate option to suit the bank's requirements.

Cost

Cost (in lakh)

No.	Item	Cost
1	Development cost	8.5
1.1	Analysis	1.8
1.2	Design	1.8
1.3	Development	2.4
1.4	Testing	1.2
1.5	Implementation	1.3
2	Hardware cost	1.6
2.1	Server	0.8
2.2	Backup server	0.8
3	Software cost	1.0
3.1	Operating system	0.5
3.2	Programming language	1.0
3.3	Database	1.0
4	Running cost (yearly)	1.0
4.1	Electricity bill	0.74
4.2	Other	0.16

Benefits

- In clerical work, benefit is 1.5 lakh
- New customer will increase 20%. So approximately 1.5 lakh will earn in a year
- Online transaction will be 30%. We will charge on that so that will be approximately 2.9 lakh.
- Papers cost previously was 5 lakh. Now it will be 2.5 lakh due to online form filling and document transferring

Cost/benefits analysis

Cost benefit analysis diagram

Costs	Yr0	Yr1	Yr2	Yr3	Yr4	Yr5	Total
Analysis	1.8						1.8
Design	1.8						1.8
Coding	2.4						2.4
Testing	1.2						1.2
Installing	1.3						1.3
Hardware	1.6						1.6
Other	2.5						2.5
Running	1	1	1	1	1	1	6
Total	13.6	1	1	1	1	1	18.6
Savings							
Clerical	0	1.5	1.5	1.5	1.5	1.5	7.5
Paper	0	2.5	2.5	2.5	2.5	2.5	12.5
Other	0	2.3	2.3	2.3	2.3	2.3	11.5
Benefits							
Image	0	1.6	1.6	1.6	1.6	1.6	8
Transaction	0	2.9	2.9	2.9	2.9	2.9	14.5
Other	0	1.3	1.3	1.3	1.3	1.3	6.5
Total	0	12.1	12.1	12.1	12.1	12.1	60.5
Net benefit	-13.6	11.1	11.1	11.1	11.1	11.1	41.9
Discount factor (6%)	1.0	0.94	0.89	0.84	0.79	0.75	-
Discounted net benefit	-13.6	10.4	9.9	9.3	8.8	8.3	33.1
Cash flow	-13.6	-2.5	8.6	19.7	30.8	41.9	84.9
Discounted cash flow	-13.6	-3.2	6.7	16	24.8	33.1	63.8

Description of cost benefit analysis

- Total developing cost with running cost is 18.6 lakh.
- Total new benefit is 41.9 lakh but due to timer factor we calculate the discounted net benefit
- After five years cash flow would be 84.9 lakh. With respect to discount factor of 6%, discounted cash flow would be 48.8 lakh.

Technical feasibility

- E-banking web site is a possible solution. We will need server and software IIS to support ASP.
- There is not a complete set of hardware and software exists that supports the proposed system
- We need some extra hardware e.g. web server and software e.g. IIS to support ASP
- All the branches of MCB have not been online yet. To fully implement the e-banking system, it is better to online all other branches that are not online yet.

Economic feasibility

- It can be easily feasible for MCB to undertake the project.
- The total cost is 18.6 lakh and total benefits are 60 lakh so it is a good profit oriented project.
- Less employee will be required so this project will decrease the employee payment cost

Operation feasibility

- Some people are available in MCB who will operate the new project but some training will be required for others.
- New system will decrease the amount of equipment usage e.g. data will be stored directly on the server not going through different departments to reach a proper place.

Risk analysis & management

Risk analysis

Risk#	Risk identification	Risk estimation	Risk evaluation
1	Server failure	Online system will stop	Not acceptable so make a backup server
2	Data loss	Customer will loss	Not acceptable so make regular backup of data
3	Hacking	Unauthorized money usage	Not acceptable so use powerful encryption data transmission
4	Main developer leaves	Not on time project delivery	Not acceptable so maintain a link with other developer or make a proper analysis and design documentation.
5	Load on server	Service not available error	Not acceptable so reduce response time to a acceptable level.

Risk management

Risk #	Planning	Re-sourcing	Monitoring	Controlling
1	Select/use the most reliable server	Use backup server	Check the server is in functional stage	Ensure that switch to backup server is accurate and possible
2	Take a backup of important data	User backup hard disk or RAID devices	Check data is storing on back devices	Recovery of data is easy and valid if needed
3	User good encryption	User a software encryption or a hardware device for encryption	Check any unusual activity happening	Ensure that the source location of each person is recorded
4	Hire the versatile developing team	Make a extra link with other developers	Guess which developer is preparing to leave	Ensure that developer will be available if needed
5	User priority and response-time system	Special operating system and software needed	Check the time for load on server	Ensure that the priorities are correct and response time is acceptable.

Conclusion

- MCB should switch to online business as more organizations are doing it
- Customers are also demanding the online services so it is good as early as possible.
- It is concluded that e-banking website is required to enable MCB on competitive edges

IT Analysis

Current it state

Fax

They are using the two servers for the fax purpose. One is installed on the main branch and another is Islamabad. The name for the fax server is IBM fax server for the purpose of faxing

Server

The many servers are two one is handling totally the ATMs machines and other is used for the purpose of storing the data and sending the data.

Printer

they are using the two types of printers. One is which is used for the only the IT department and with dot matrix and other is laser.

Leased line

for connecting the different branches they used the leased line,

Encryption

Encryption machine is used for the purpose of encryption of data.
Branch Network the most of the MCB branches are linked with the computers through the Ethernet

Modem

They are using the modem to connect the different computers with the web.

Routers

They are using two types of routers, one the Motorola and other is Cisco Routers.

VPN

VPN (virtual private network) is used for the internal communication with those branches that are not on line

ATMs

These are used to cash money.

IT Objective

- We want to improve the services through the online system. We want to give the services to customer through the online systems. Through this way we can improve our customer. Customer can access the services through the net from anywhere.

- Customer can easily transfer the money and bill payments from any where through the online.

IT Problems analysis

- People checks their account balance at the bank, ATMs or through the phone call, But there is a problem if the bank timing is off, ATM is not available in your area or only one person can check the balance.
- For the bill payment people go the banks and then pay the bill to the bank. People are facing lot of problems because they're so many people in order to pay the bill in the bank. Because they're only few employees in order to collect the bill. That's why we can offer the people to pay the through online system.
- Transfer the money from one bank account to another bank there is slow process.
- Processing of manual work is too much slow i.e. new customer account opening.
- Same employee in the bank does multiple jobs.
- Information is not stored at the central place.

IT Option

- **Option 1**
 - Purchase web space on server
 - Hardware: Pentium 4
 - Operating system: Windows 2000 Advance Server
 - Software: Internet Information Server (IIS)
 - Development tools: Visual Basic/Active Server Pages
 - Database: SQL Server/Access
- **Option 2**
 - Create your own web-server
 - Operating system: Linux
 - Development tools: PHP
 - Database: My SQL
- **Option 3**
 - Hardware: Pentium 4
 - Operating system: Windows NT
 - Development tools: Active Server Pages
 - Database: Oracle

Investigation of current system

Problem Definition

- People can check their account balance only from the bank not elsewhere. People face a lot of problems in order to check the balance.
- If an account holder wants to get his account bank statement he comes at bank first then he gets the bank statement. In this procedure he wastes a lot of time and resources.
- Transfer of money from one account to another is also a big problem because every account holder needs to go to the bank teller to bank employee he wants to transfer the money to another account. For the completion of this procedure a lot of time is wasted.
- The employees of the bank doing the multiple works at the same time, that way of working of employees applies a bad effect on the customers those are come for doing some transaction.
- People were faced a lot of problems in bill payment because many of people come at the same time for the payment of the bill only one person is doing the work of bill collection this also a big problem.
- Different departments need some information from other departments, these departments have get the information at time and also not in a proper form. So this department are linked with each other in a good way.
- People have account in a branch he can do the transaction through this branch not from anywhere else.
- People were facing a lot of problems in order to check the transaction detail of their accounts.

Problem with current system

- They are using the command line interface and using the Linux and Unix both are not user-friendly environment.
- Servers required special configuration for the different operating system.
- Using two servers for the different purpose.
- The people have to check the balance from any where they need to go to the bank and then they can check the balance otherwise they have not information about the balance
- The data is not stored at one place.
- Departments have face a lot of problems in order to get information from other departments.
- Branches are not interconnected with each other.
- Branches face lot problems in order to send the information to the main head office.

- **Not easy to send information to the other companies like the ptcl and wapda etc, branches faces the problems in order to send the information to theses companies.**
- **A lot of resources used in order to save the information.**
- **The employees are too much in the some branches.**
- **People have not the option to do the transactions online.**
- **They need to go at bank if they need the bank statement**
- **Currently they are some IT equipment those are not enough the online system.**

Recommendation

- **Windows 2000 advance: server because it is easier to use than the Unix although Unix are more powerful but it is difficult to work on.**
- **SQL server supports windows 2000 and it is greater than MS-Access.**
- **Internet information server (IIS) is required for the active server pages (ASP).**
- **Pentium 4 it betters in speed and performance**

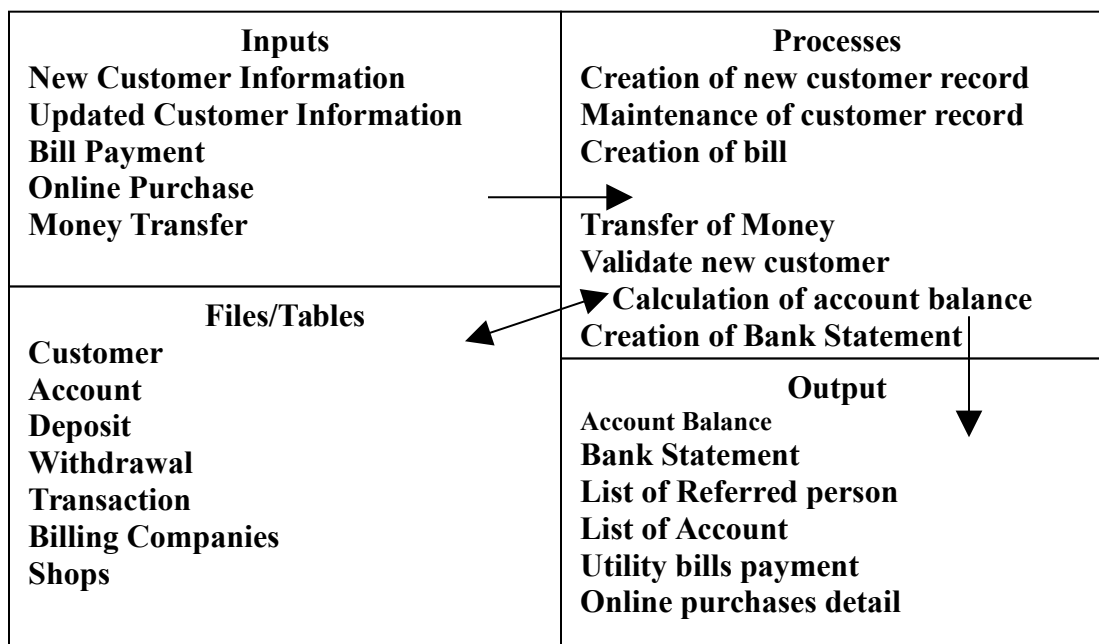
Proposed system

Detailed Description

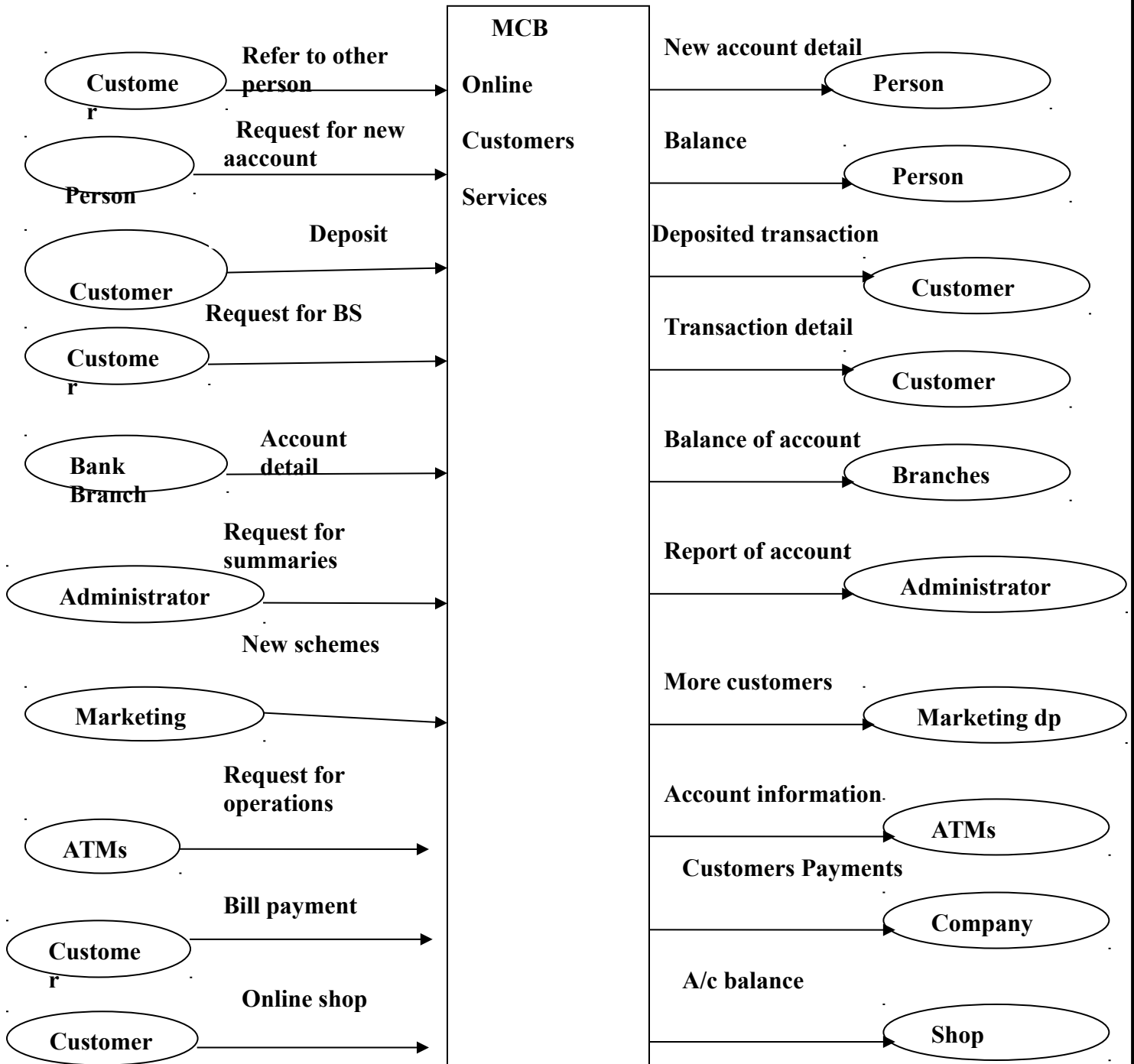
- E-banking will improves the images of the Muslim commercial bank in market.
- E banking provides the services to the customer in better way and also anywhere in the country.
- Muslim commercial bank easily deals with the other bank through the new system.
- Muslim commercial bank got more profit the new system because more and more people open their accounts and do the transaction through online system so the bank got some money on every transaction.
- The customer can access the bank not only with the country they can easily access from out side the country.
- Customer's services will improve the total customer of Muslim commercial bank.
- According to the mission of MCB implement lying e banking, MCB will be the best place for business work.

System analysis

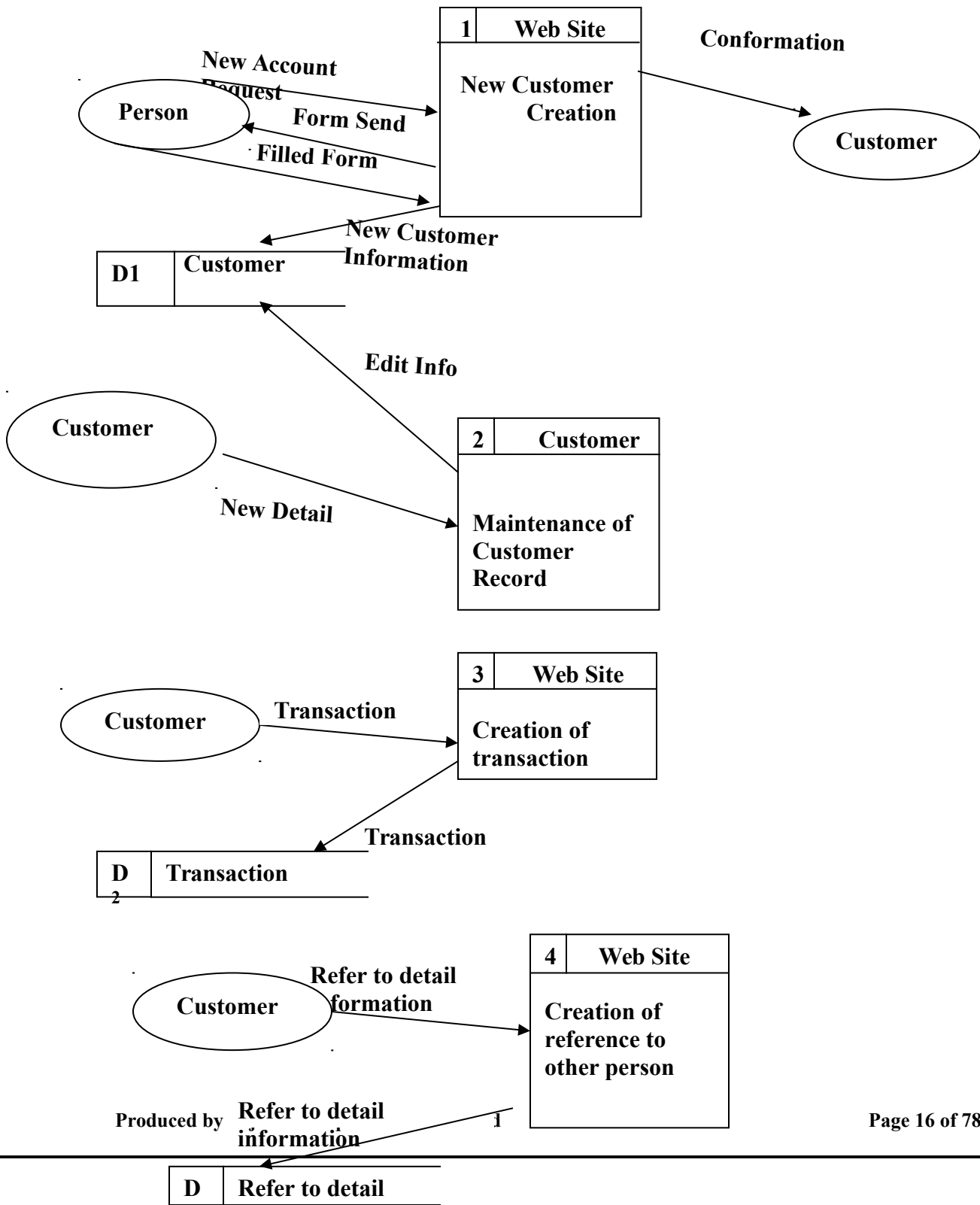
System Outline

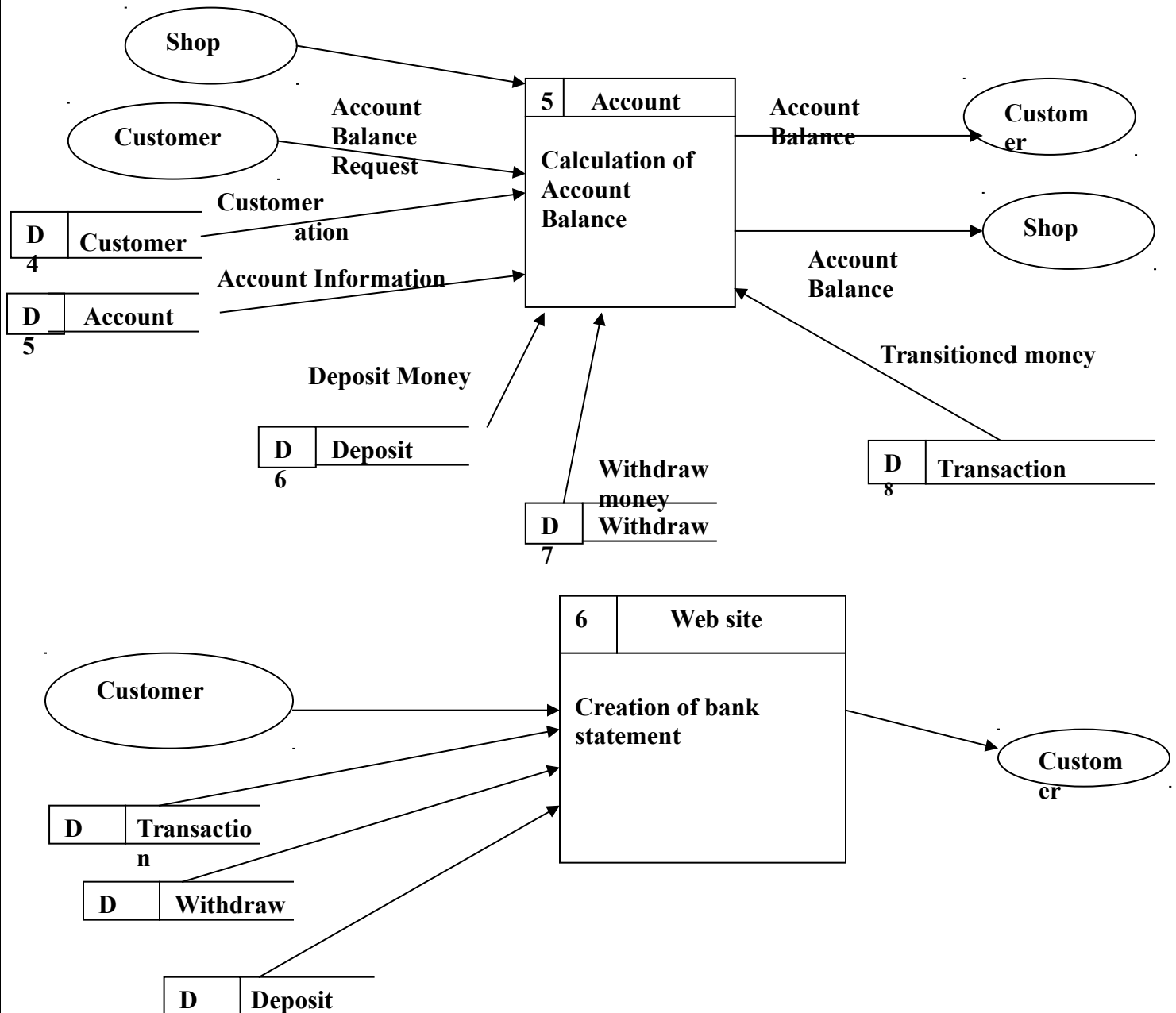


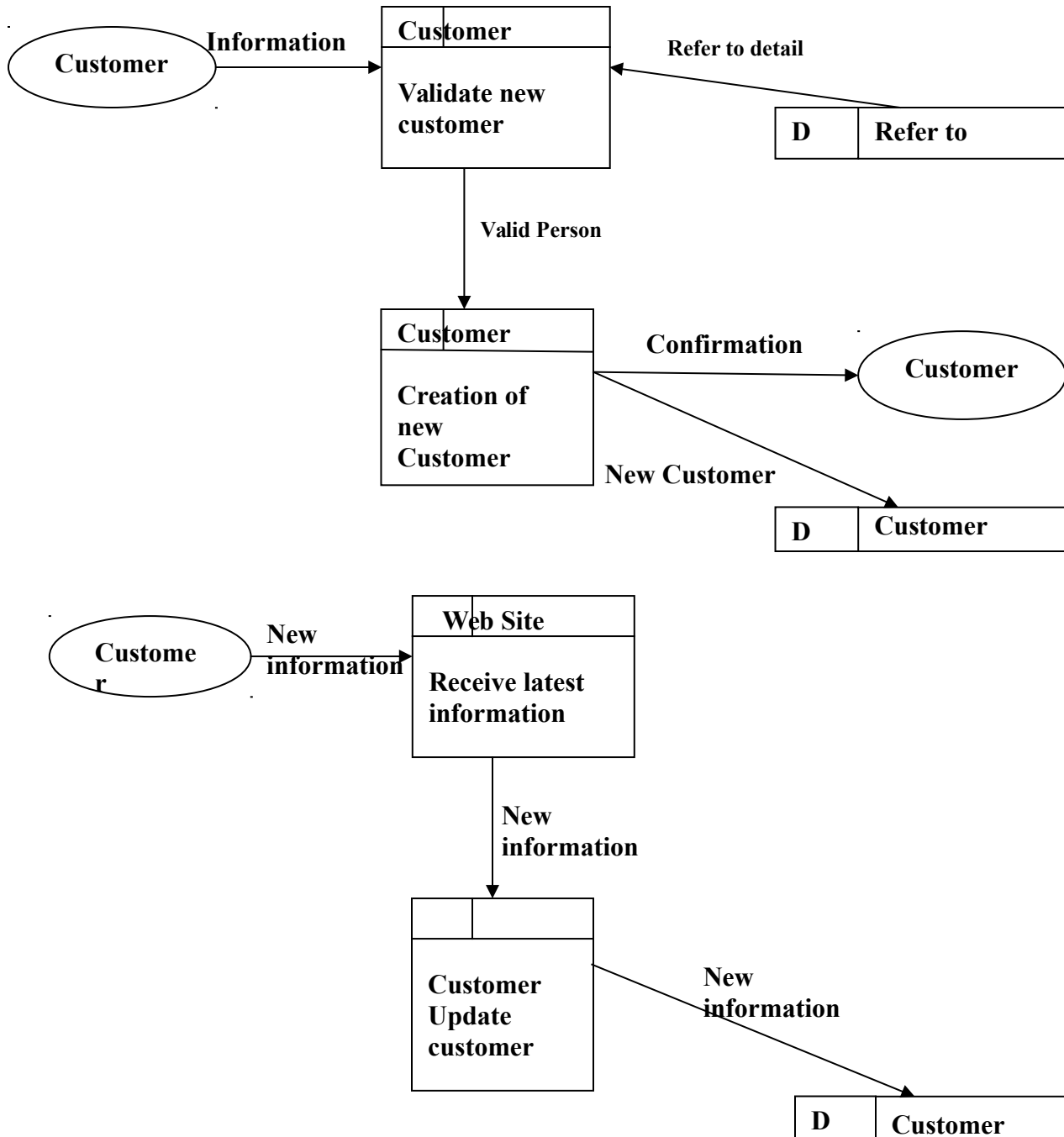
Context diagram

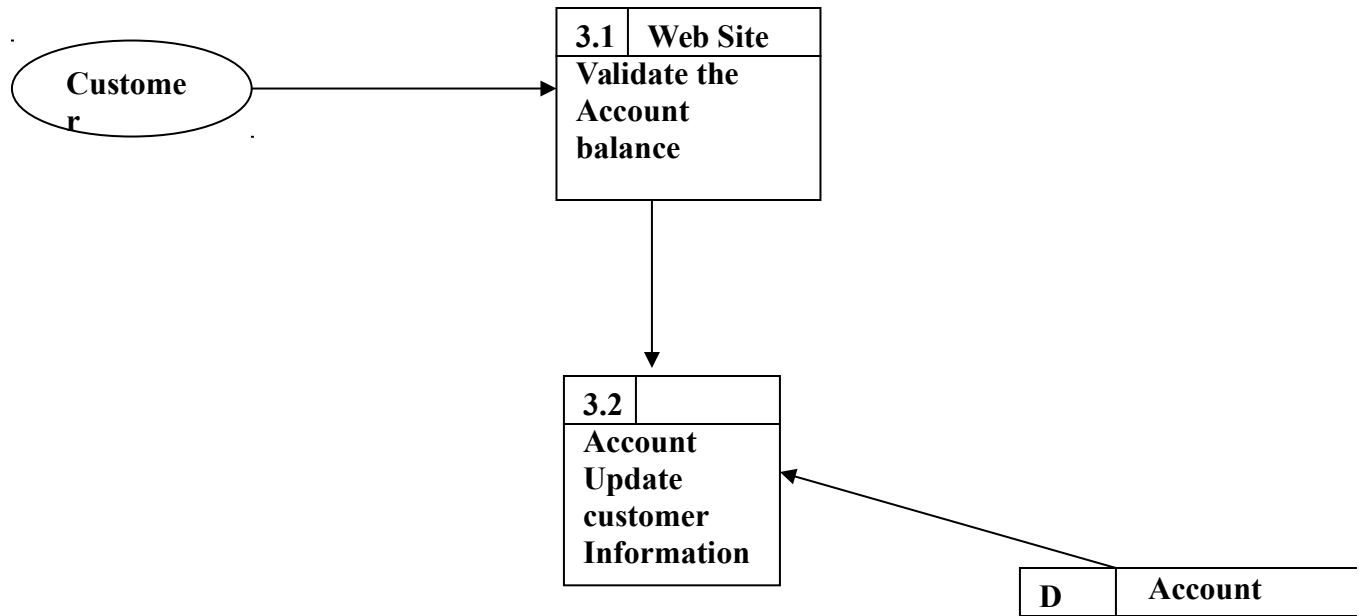


High-level data flow diagram

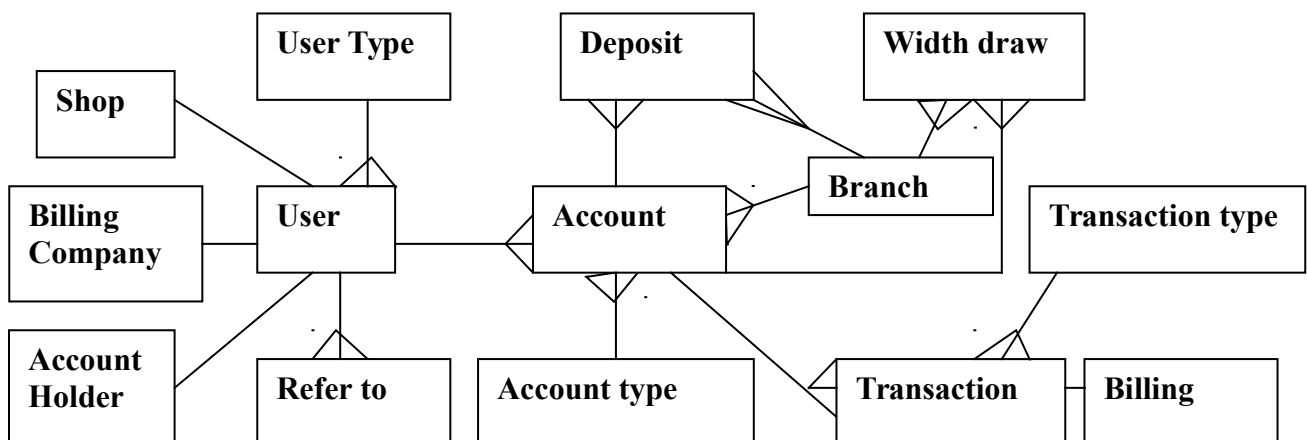




Low level data flow diagram



Normalize ERD



System design

Database design

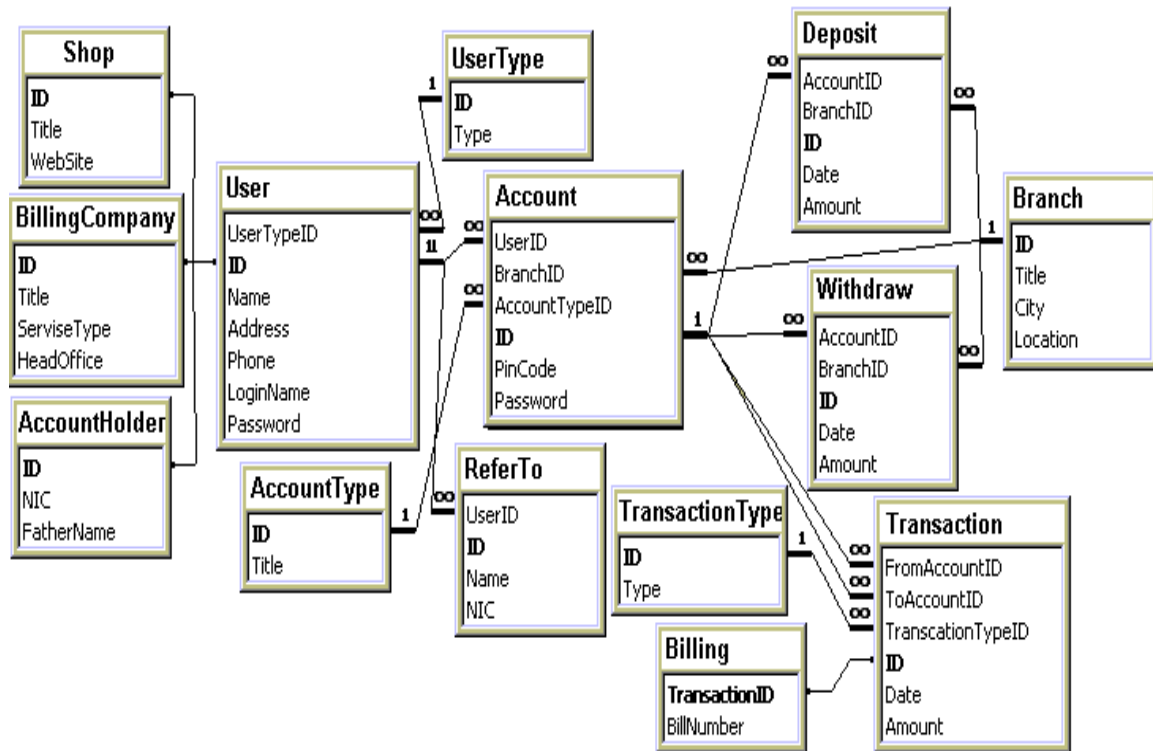


Table design

AccountHolder : Table

Field Name	Data Type	Description
ID	Number	PK
NIC	Text	
FatherName	Text	

Field Properties

General **Lookup**

Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	Yes (No Duplicates)

BillingCompany : Table

Field Name	Data Type	Description
ID	Number	PK
Title	Text	
ServiseType	Text	
HeadOffice	Text	

Field Properties

General **Lookup**

Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	Yes (No Duplicates)

Shop : Table

Field Name	Data Type	Description
ID	Number	PK
Title	Text	
WebSite	Text	

Field Properties

General **Lookup**

Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	Yes (No Duplicates)

User : Table

Field Name	Data Type	Description
UserTypeID	Number	FK
ID	AutoNumber	PK
Name	Text	
Address	Text	
Phone	Number	
LoginName	Text	
Password	Text	

Field Properties

General **Lookup**

Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	No

UserType : Table

Field Name	Data Type	Description
ID	AutoNumber	PK
Type	Text	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

ReferTo : Table

Field Name	Data Type	Description
UserID	Number	FK
ID	AutoNumber	PK
Name	Text	
NIC	Text	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

Account : Table

Field Name	Data Type	Description
UserID	Number	FK
BranchID	Number	FK
AccountTypeID	Number	FK
ID	AutoNumber	PK
PinCode	Number	
Password	Text	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

AccountType : Table

Field Name	Data Type	Description
ID	AutoNumber	PK
Title	Text	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

Branch : Table

Field Name	Data Type	Description
ID	AutoNumber	PK
Title	Text	
City	Text	
Location	Text	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

Deposit : Table

Field Name	Data Type	Description
AccountID	Number	FK
BranchID	Number	FK
ID	AutoNumber	PK
Date	Date/Time	
Amount	Currency	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

Withdraw : Table

Field Name	Data Type	Description
AccountID	Number	FK
BranchID	Number	FK
ID	AutoNumber	PK
Date	Date/Time	
Amount	Currency	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

Transaction : Table

Field Name	Data Type	Description
FromAccountID	Number	FK
ToAccountID	Number	FK
TransactionTypeID	Number	FK
ID	AutoNumber	PK
Date	Date/Time	
Amount	Currency	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

TranscationType : Table

Field Name	Data Type	Description
ID	AutoNumber	PK
Type	Text	

Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

Billing : Table

Field Name	Data Type	Description
TransactionID	Number	PK
BillNumber	Number	

Field Properties

General Lookup

Field Size: Long Integer
 Format:
 Decimal Places: Auto
 Input Mask:
 Caption:
 Default Value: 0
 Validation Rule:
 Validation Text:
 Required: No
 Indexed: Yes (No Duplicates)

TransferBank : Table

Field Name	Data Type	Description
TranID	Number	FK
BankID	Number	FK
AccID	Number	FK
ID	AutoNumber	PK

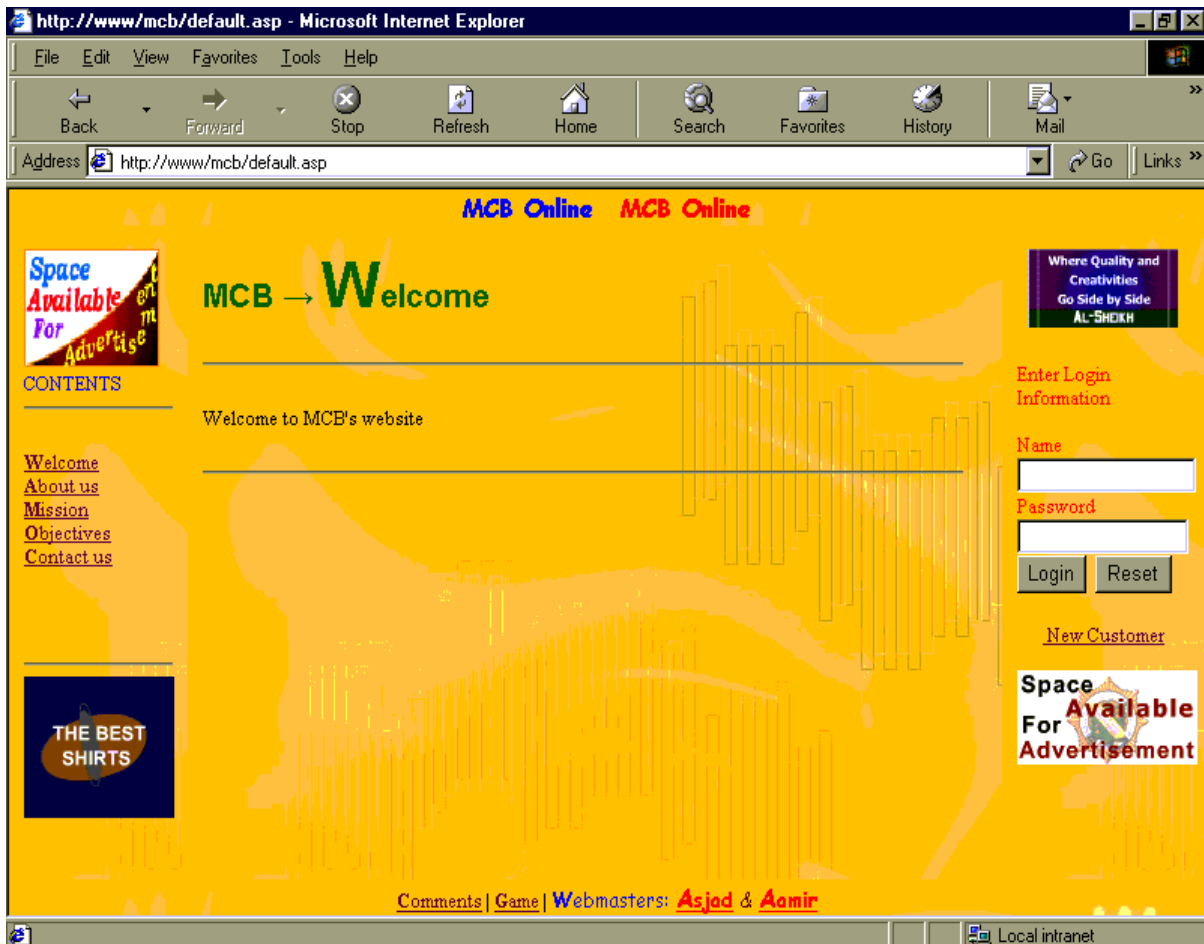
Field Properties

General Lookup

Field Size: Long Integer
 New Values: Increment
 Format:
 Caption:
 Indexed: Yes (No Duplicates)

Screen / Report design Layout

Main page



Account holder

MCB Online **MCB Online**

[Home](#) | [Logout](#)

MCB → Welcome

Account Holder

Welcome to MCB's website

- Refer others
- Referred Person
- List All
- Account
- Check Balance
- Bank Statement
- Money Transfer
- Money Transfer to other banks
- Utility Bill Payments
- New Account
- Editing

Enter Login Information

Name:

Password:

[New Customer](#)

Space For Available Advertisement

[Comments](#) | [Game](#) | [Webmasters: Asjad & Aamir](#)

Refer to other

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links

MCB Online **MCB Online**

Home | Logout

Account Holder → Refer To Person

Account Holder

Refer others
Referred Person
List All
Account
Check Balance
Bank Statement
Money
Transfer
Money
Transfer to
other banks
Utility Bill
Payments
New Account
Editing

Name

NIC #

Submit

Enter Login Information

Name

Password

Login Reset

New Customer

Space For Available Advertisement

Comments | Game | Webmasters: Asjad & Aamir

Done Local intranet

Referred person

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links >>

MCB Online **MCB Online**

[Home](#) | [Logout](#)

Account Holder → Referred Persons

Account Holder

- Refer others
- Referred Person
- List All
- Account
- Check Balance
- Bank Statement
- Money
- Transfer
- Money
- Transfer to other banks
- Utility Bill
- Payments
- New Account
- Editing

Referred Person Detail

Name	NIC #	Date
Adnan	786786	10/10/04
Akram Ali	945	10/10/04
Akram Ali Jan	9455	10/10/04
Akram Khan	6712	1/1/03
ali khan jan	12552143254545534322	10/10/04
Asif	125125	1/1/02
Aslam	334343	1/1/03
Aslam	65	10/10/04
Aslam Ali	364798	1/1/02
Habib	963	1/1/03
Ifikhar	343434	1/1/02
Kami	123-45-6789	1/1/01
Khalid	753	1/1/02

[Comments](#) | [Game](#) | [Webmasters: Asjad & Aamir](#)

AL-SHEIKH

Enter Login Information

Name
aamir

Password

Login Reset

[New Customer](#)

Space Available For Advertisement

Local intranet

List of account

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links

MCB Online MCB Online

Home | Logout

Account Holder → **Account List**

Account Holder

Account #	Branch	Account Type
1	Main Branch Attock	PL
5	Main Branch Pindi	Current

Refer others
Referred Person
List All Account
Check Balance
Bank Statement
Money Transfer
Money Transfer to other banks
Utility Bill Payments
New Account
Editing

Enter Login Information

Name
aamir

Password

Login Reset

New Customer

Space Available For Advertisement

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Done Local intranet

Check balance

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links

MCB Online

Home | Logout

Account Holder → **Account Balance**

Account Holder

Account #	Balance
1	56790122284276
5	42000

- Refer others
- Referred Person
- List All Account
- Check Balance
- Bank Statement
- Money Transfer
- Money Transfer to other banks
- Utility Bill Payments
- New Account
- Editing

Enter Login Information

Name
aamir

Password

Login Reset

New Customer

Space Available For Advertisement

Comments | Game | Webmasters: Asjad & Aamir

Done Local intranet

Money transfer

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links

MCB Online **MCB Online**

[Home](#) | [Logout](#)

Account Holder → Money Transfer

Account Holder

[Refer others](#)
[Referred Person](#)
[List All Account](#)
[Check Balance](#)
[Bank Statement](#)
[Money Transfer](#)
[Money Transfer to other banks](#)
[Utility Bill Payments](#)
[New Account](#)
[Editing](#)

Select your Account #

ToAccountID

Amount

Enter Login Information

Name

Password

[New Customer](#)

Space Available For Advertisement

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Local intranet

Money transfer to other bank

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links

MCB Online **MCB Online**

[Home](#) | [Logout](#)

Account Holder → Transfer to other Bank

Account Holder

Select your Account #

Select Bank

ToAccountID

Amount

[Refer others](#)
[Referred Person](#)
[List All Account](#)
[Check Balance](#)
[Bank Statement](#)
[Money Transfer](#)
[Money Transfer to other banks](#)
[Utility Bill Payments](#)
[New Account](#)
[Editing](#)

Enter Login Information

Name

Password

[New Customer](#)

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Done Local intranet

Bank statement

http://www/mcb/ - Microsoft Internet Explorer

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Address http://www/mcb/ Go Links >>

MCB Online **MCB Online**

Account # 40

[Home](#) | [Logout](#)

Account Holder

- Refer others
- Referred Person
- List All Account
- Check Balance
- Bank Statement
- Money Transfer
- Money Transfer to other banks
- Utility Bill Payments
- New Account
- Editing

Online Transaction (Debit/Credit)

From	Account #	To	Account #	Transaction Type	Date	Amount	Debit/Credit
Kami	8	Aslam Jan	40	Money Transfer	10/10/04	10000	Dr
Aslam Jan	40	Aslam Jan	40	Money Transfer	10/10/04	0	Dr
				Total		10000	
Aslam Jan	40	Aslam Jan	40	Money Transfer	10/10/04	0	Cr
				Total		0	

Offline Transaction (Debit/Credit)

Branch ID	Date	Amount	Debit/Credit
Main Branch Attock	10/10/04	0	Dr
	Total	0	
Main Branch Attock	10/10/04	0	Cr

[Comments](#) | [Game](#) | [Webmasters: Asjad & Aamir](#)

Where Quality and Creativities Go Side by Side
AL-SHOAH

Enter Login Information

Name
aslam

Password

Login Reset

[New Customer](#)

Space Available For Advertisement

Bill payment

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links

MCB Online MCB Online

Home | Logout

Account Holder → **Bill Payment**

Account Holder

Refer others
Referred Person
List All
Account
Check Balance
Bank Statement
Money
Transfer
Money
Transfer to
other banks
Utility Bill
Payments
New Account
Editing

Select your Account #

Select Billing Company

Enter Bill #

Amount

Submit Reset

Enter Login Information

Name

Password

Login Reset

New Customer

Space Available For Advertisement

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Local intranet

New account

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links

MCB Online MCB Online

Home | Logout

Account Holder → **New Account**

Account Holder

- Refer others
- Referred Person
- List All Account
- Check Balance
- Bank Statement
- Money Transfer
- Money Transfer to other banks
- Utility Bill Payments
- New Account
- Editing

Select Branch: Main Branch Attock

PinCode

Password

Select the Account Type: PL

Submit

Enter Login Information

Name: aamir

Password: *****

Login Reset

New Customer

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Done Local intranet

List of users for Administrator

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links >>

MCB Online **MCB Online**

[Home](#) | [Logout](#)

Administration → List of Users

Welcome Admin

Main Option

[List All Users](#)

User Type	ID	Name	Address	Phone	Loia Name
Account Holder	1	Aamir			aamir
Account Holder	2	Shahzad			s
Billing Company	3	WAPDA			wapda
Administrator	4	Saqib			Admin
Shop	5	Kamidf	df	343	df
Account Holder	6	Kami	h	0	kami
Account Holder	9	Kami2	H#1243	9454545	kami2
Account Holder	10	Kami22	H#1243	9454545	kami22
Account Holder	11	Kami222	H#1243	9454545	kami222
Account Holder	12	Khurram	H56	640	ksd
Account Holder	13	Ifikhar	H56	3	Ifi
Account Holder	14	Rahil	H56	610823	zir
Account Holder	15	tamoor	H56	6	tnr
Account Holder	16	Ahmed	H56	6	Ahmed

[Comments](#) | [Game](#) | [Webmasters: Asjad & Aamir](#)

Enter Login Information

Name
admin

Password

Login Reset

[New Customer](#)

Space Available For Advertisement

Done Local intranet

New customer

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links

MCB Online

[Home](#) | [Logout](#)

MCB → New Customer

Account Holder

You must fill the fields with bold text.

- Refer others
- Referred Person
- List All Account
- Check Balance
- Bank Statement
- Money Transfer
- Money Transfer to other banks
- Utility Bill Payments
- New Account
- Editing

Name

NIC #

Father Name

Address

Phone

LoginName

Password

Select Branch

Select the Account Type

PinCode of Account

MCB Online

Where Quality and Creativities Go Side by Side
AL-SHEKH

Enter Login Information

Name

Password

Login Reset

[New Customer](#)

Space For Available Advertisement

[Comments](#) | [Game](#) | [Webmasters: Asjad & Aamir](#)

Local intranet

Editing option

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links >>

MCB Online

[Home](#) | [Logout](#)

Account Holder → Editing Options

Account Holder

- Refer others
- Referred Person
- List All
- Account
- Check Balance
- Bank Statement
- Money Transfer
- Money Transfer to other banks
- Utility Bill Payments
- New Account
- Editing

Where Quality and Creativities Go Side by Side
AL-SHEKH

Enter Login Information

Name
aamir

Password

Login Reset

New Customer

Space Available For Advertisement

Submit Reset

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Local intranet

Company option

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links >>

MCB Online

[Home](#) | [Logout](#)

Welcome Billing Company

Main Options

[Bill Payments](#)
[Month wise](#)

Billing Company → Paid Bill Detail

Bill Details of Date 9/4

Customer Name	Customer Account #	Bill #	Date	Bill Amount
Aamir	5	1234567890	9/13/04	1000
Kami	8	456	9/22/04	300
Kami	8	999	9/22/04	200
Kami	8	786	9/22/04	100
Kami	10	1559	9/22/04	200
Kami	11	55	9/23/04	65
Aamir	1	789345343	9/24/04	200

MCB Online

Where Quality and Creativities Go Side by Side
AL-SHEKH

Enter Login Information

Name
wapda

Password

Login Reset

[New Customer](#)

Space Available For Advertisement

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Done Local intranet

Shop transaction detail

http://www/mcb/default.asp - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail

Address http://www/mcb/default.asp Go Links >>

MCB Online

[Home](#) | [Logout](#)

Shop → Transaction list

Welcome shop

▪ [Show Transaction](#)

Transaction #	Name	Account #	Date	Amount
120	Aamir	1	11/4/04	1500
161	Shahzad	2	10/10/04	11500
154	Aamir	1	10/10/04	3000
155	Aamir	1	10/10/04	4000
156	Aamir	1	10/10/04	3500
157	Aamir	1	10/10/04	11500
158	Aamir	1	10/10/04	11500
160	Aamir	1	10/10/04	11500
159	Aamir	1	10/10/04	11500
125	Aamir	5	10/5/04	5000
126	Aamir	5	10/5/04	8000
123	Kamir	8	10/4/04	2000
118	Aamir	5	10/4/04	1500
121	Kamir	8	10/4/04	5000

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MCB Online

Where Quality and Creativities Go Side by Side
AL-SHOKH

Enter Login Information

Name
itemshop

Password

Login Reset

[New Customer](#)

Space Available For Advertisement

Done Local intranet

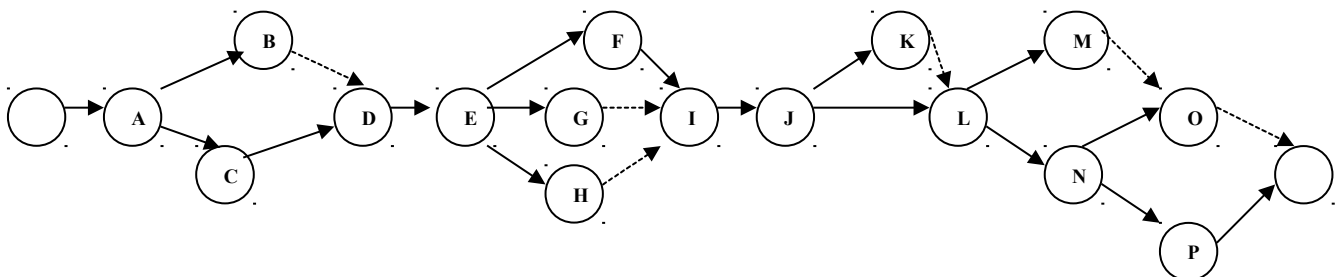
Appendices

Activity network analysis

Table

S #	Activity	Reference	Duration (Weeks)	Dependency
1	Conduct feasibility study			
	Select the organization	A	1	Non
	Visit the organization	B	2	A
	Prepare report	C	1	A
2	Carryout analysis			
	Study existing system	D	1	C, B
	Problem identification	E	1	D
	New system requirement	F	2	E
	Layout of new system	G	1	E
	List of application	H	1	E
	Developing strategy	I	1	F, G, H
	Prepare specification	J	3	I
3	Design	K	4	J
4	Detail design	L	6	J
5	Development	M	5	L
6	Testing & integration	N	2	L
7	Training	O	1	N
8	Implementation	P	1	N

Diagram



Activity network analysis description

Activity network allows us to schedule a project on the bases of table and diagram
In activity network some activities are done on parallel bases.

Supplier's specifications

Introduction

This section contains information about software/hardware specification with supplier's selection criteria.

Hardware supplier's specification

Item	Company	Speed/size	Warranty Time	Quantity
Processor	Intel	1.7 Ghz	1 year	6
Hard disk	Sea Gate	40 GB	1 year	3
RAM		255	-	2
Mouse	-	-	-	2 (1 for backup)
Keyboard	Mercury	-	-	2 (1 for backup)

Software supplier's specification

Item	Company	Quality	Quantity	Reliability
Windows 2000 Advance Server	Microsoft	Advance	1	High
Visual Basic	Microsoft	Normal	2	Normal
MS-SQL Server (database)	Microsoft	Intermediate	1	High
IIS	Microsoft	Advance	1	High
Visual InterDev (for ASP)	Microsoft	Advance	3	Normal
Java Script	Sun Micro system	Normal	- (Free)	Low
VB Script	Microsoft	Normal	- (Free)	Low

Criteria Checklist for Supplier's Selection

Name	Cost (40%)	Support (20%)	Deliver Time (10%)	Warranty (30%)	Total (100%)
Brains computer	20	18	3	5	46
Khazina	25	15	9	15	64
New PC World	35	10	7	25	77
Star Computers	15	12	10	20	57

Reason for selected supplier

According to criteria, we select the New PC World as a best supplier. Our main concern is cost and warranty. Although this supplier has low support but they are providing most inexpensive cost package for hardware and software. So we select this supplier.

Stakeholders' communication

Introduction

Stakeholders are the people that are affected by organization. It is common that they communicate with each other. So here we list the stakeholders, how they communicate, on what occasion and why it is required to communicate.

Stakeholders table

Stakeholder	How	When (activity)	Why
1. Senior management	1. Reports	C	1. Allow management to take the decision
	2. Interview	E	1 Problem Identification 2. Requirement specification
	3. Application /Letter	I	1. To accept the project 2. To accept the change 3. Accept the software standard
2. Employees	1. Observation	B	1. Check the knowledge, requirement etc
	2. Meeting	D	1. Study the system 2. Get requirements
	3. Questionnaire	E	1. Get employee problem 2. Identify employees requirements
3. Suppliers	1. Enquiry	F	1. Get quotations
	2. Cheque (pay bill)	F	1. Purchasing Hardware
	3. Letter	F	1. Describing faults in items/hardware
	4. Warranty	F	1. Return faulty items
	5. Phone	N	1. Support/Query of items/
4. Customers	1. Survey	E	1. Identify requirements/problems
	2. Seminar	O	1. To train customers 2. Tell him new features etc.

Activities reference

Activity	Reference	Activity	Reference
Select the organization	A	Developing strategy	I
Visit the organization	B	Prepare specification	J
Prepare report	C	Design	K
Study existing system	D	Detail design	L
Problem	E	Development	M

identification			
New system requirement	F	Testing & integration	N
Layout of new system	G	Training	O
List of application	H	Implementation	P

Coding

Global.asa

```
<SCRIPT LANGUAGE=VBScript RUNAT=Server>
```

```
Sub Session_onStart
```

```
    Session("UserID") = 0
```

```
    Session("UserType") = 0
```

```
    Session("AccID") = 0
```

```
    Session("Amount") = 0
```

```
    Session("Msg") = ""
```

```
End Sub
```

```
</SCRIPT>
```

Default.asp

```
*****
```

```
'    Main page
```

```
*****
```

```
<%@ Language=VBScript %>
```

```
<!-- #include file="Msg.asp" -->
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
```

```
<HTML>
```

```
<HEAD>
```

```
<frameset rows="5%,5%" border=0>
```

```
    <frameset cols="50%,50%">
```

```
        <frame src="top1.html" scrolling="no">
```

```
        <frame src="top2.html" scrolling="no">
```

```
    </frameset>
```

```
    <frameset cols="15%,17%">
```

```
        <frame src="content.html" name="cont" scrolling="no">
```

```
        <frame src="default.html" name="b">
```

```
        <frame src="external.html" scrolling="no">
```

```
    </frameset>
```

```
    <frame src="bottom.html" scrolling="no">
```

```
</frameset>
```

```
</HEAD>
```

```
</HTML>
```

Msg.asp

```
<%  
if Len( Session( "Msg" ) ) > 0 then  
%>  
<BODY background="b.jpg">  
<%  
Response.Write "<HR>"  
    Response.Write "<B>Message = </B>" & Session("Msg")  
    Response.Write "<HR>"  
    Session( "Msg" ) = ""  
end if  
%>
```

Top1.html

```
<HTML>  
<HEAD>  
</HEAD>  
<BODY text="blue" topmargin="0" leftmargin="0" background="b.jpg">  
<font face="Comic Sans MS">  
<h3><marquee behavior="alternate" direction="right">MCB  
Online</marquee></h3>  
</bont>  
</BODY>  
</HTML>
```

Top2.html

```
<HTML>  
<HEAD>  
</HEAD>  
<BODY text="red" topmargin="0" leftmargin="0" background="b.jpg">  
<font face="Comic Sans MS">  
<h3><marquee behavior="alternate">MCB Online</marquee></h3>  
</font>  
</BODY>  
</HTML>
```

Content.html

```
<HTML>  
<HEAD>  
</HEAD>  
<BODY text="blue" background="b.jpg">  
<IMG height=75 src="spad.gif" width=90>  
<br>CONTENTS  
<hr>  
<P>  
<A href="default.html" target=b><STRONG>W</STRONG>elcome</A><br>
```

```

<A href="aboutus.html" target=b><STRONG>A</STRONG>bout us</A><br>
<A href="MissionObjective.htm"
target=b><STRONG>M</STRONG>ission</A><br>
<A href="MissionObjective.htm#Obj"
target=b><STRONG>O</STRONG>bjectives</A><br>
<A href="contactus.html" target=b><STRONG>C</STRONG>ontact us</A></P>
<P>&nbsp;   </P>
<hr>
<embed src="bnrr.swf" width=100 height=90>
</embed>
<P></P>
</BODY>
</HTML>

```

Default.html

```

<HTML>
<HEAD>
</HEAD>
<BODY background="b.jpg">
<font face="arial" color="green"><h2>
MCB &rarr; <FONT size=7>W</FONT>elcome</h2>
</font>
<hr>
<P>Welcome to MCB's website</P>
<hr>
</BODY>
</HTML>

```

External.html

```

<HTML>
<HEAD>
<META name=VI60_defaultClientScript content=VBScript>
<SCRIPT ID=clientEventHandlersJS LANGUAGE=vbscript>
<!--
function cmdSubmit_onclick()
    if frmLogin.txtName.value = "" or _
        frmLogin.txtPwd.value = "" then
        msgbox "Fill all field"
    exit function
    end if
    if len(frmLogin.txtPwd.value) > 15 then
        msgbox "Password length should be less than 16"
    exit function
    end if
*****
'           Code for Encryption

```

```

    Dim OtherArr(3)
    Randomize
    TempString = ""
    For i=0 To 3
        OtherArr(i) = Int((9 * Rnd))
        TempString = TempString & OtherArr(i)
    Next
    ThisText = frmLogin.txtPwd.value
    For i=1 To Len(ThisText)
        TempNum = Asc(Mid(ThisText,i,1))
        If TempNum = 13 Then
            TempNum = 28
        ElseIf TempNum = 10 Then
            TempNum = 29
        End If
        TempChar = Chr(TempNum - OtherArr(i Mod 4))
        If TempChar = Chr(34) Then
            TempChar = Chr(18)
        End If
        TempString = TempString & TempChar
    Next
    frmLogin.txtPwd.value = TempString
end function
//-->
</SCRIPT>
</HEAD>
<BODY text="red" background="b.jpg">
<center>
<embed src="bnr.swf" width="100" height="50">
</embed>
</center>
<FORM action="Login.asp" target="cont" method=post id=frmLogin
name=frmLogin>
Enter Login Information<BR><BR>
Name <INPUT id=txtName name=txtName style="HEIGHT: 22px; WIDTH:
119px" maxLength=15><br>
Password <INPUT id=txtPwd name=txtPwd type=password style="HEIGHT: 22px;
WIDTH: 114px" maxLength=15><br>
<INPUT id=cmdSubmit name=cmdSubmit type=submit value=Login>&nbsp;
<INPUT id=cmdReset name=cmdReset type=reset value=Reset><br><br>
</FORM>
<center>
<A href="frmNewCustomer.asp" target=b>&nbsp;New Customer</A><br><br>
<center>
<IMG src="spr.gif">

```



```
</center></center>
</BODY>
</HTML>
```

Bottom.html

```
<HTML>
<HEAD>
</HEAD>
<BODY topmargin="0" background="b.jpg">
<center>
<A href="comm.ents.html" target=b><STRONG>C</STRONG>omments</A> |
<A href="game.swf" target=b><STRONG>G</STRONG>ame</A> |
<font face="Comic Sans MS" color="blue"><STRONG>W</STRONG>ebmasters:
</font>
<font face="Comic Sans MS" color="red"><STRONG><U><FONT
size=4>A</FONT>sjad</U></STRONG> <FONT color=maroon>&amp;</FONT>
<STRONG><U><FONT size=4>A</FONT>amir</U></STRONG>
</font>
</center>
</BODY>
</HTML>
```

frmNewCustomer.asp

```
<!-- #include file="Msg.asp" -->
<!-- # include file="NavigatingMain.htm" -->
<HTML>
<HEAD>
<META NAME="GENERATOR" Content="Microsoft Visual Studio 6.0">
<TITLE></TITLE>
</HEAD>
<BODY background="b.jpg">
<font face="arial" color="green"><h1>
MCB &rarr; <FONT size=7>N</FONT>ew Customer</h1></font>
<hr>
You must fill the fields with bold text.
<FORM action=NewCustomer.asp id=frmNewCust name=frmNewCust
METHOD=post>
<TABLE>
    <TR><TD><STRONG>Name</STRONG></TD><TD><INPUT id=txtName
name=txtName></TD></TR>
    <TR><TD><STRONG>NIC #</STRONG></TD><TD><INPUT id=txtNIC
name=txtNIC></TD></TR>
    <TR><TD>Father Name</TD><TD><INPUT id=txtFName
name=txtFName></TD></TR>
    <TR><TD>Address</TD><TD><INPUT id=txtAddr
name=txtAddr></TD></TR>
```

```

        <TR><TD>Phone</TD><TD><INPUT id=txtPhone
name=txtPhone></TD></TR>
        <TR><TD><STRONG>LoginName</STRONG></TD><TD><INPUT
id=txtLoginName name=txtLoginName></TD></TR>
        <TR><TD><STRONG>Password</STRONG></TD><TD><INPUT
id=txtPwd name=txtPwd type=password></TD></TR>
        <TR><TD>Select <STRONG>Branch</STRONG></TD><TD><SELECT
NAME=lstBranchID SIZE=1>
<%
        dim Cn
        set Cn = server.CreateObject("ADODB.Connection")
        Cn.Open "DSN=dsnMCB"

        dim oRs
        set oRs = server.CreateObject("ADODB.recordset")
        Dim sSQL
        'sSQL = "SELECT * FROM          Branch"
        oRs.Open "Branch", Cn

        while not oRs.EOF
            Response.Write "<OPTION VALUE=" & oRs("ID") & ">" &
oRs("Title") _
            & "</OPTION>"
            'Response.Write oRsAcc("Title") & "</OPTION>"
            oRs.MoveNext
        wend
        oRs.Close
%>
</SELECT></TD></TR>

        <TR><TD>Select the <STRONG>Account
Type</STRONG></TD><TD><SELECT NAME=lstAccTypeID SIZE=1>
<%
        oRs.Open "AccountType", Cn
        while not oRs.EOF
            Response.Write "<OPTION VALUE=" & oRs("ID") & ">"
            Response.Write oRs("Title") & "</OPTION>"
            oRs.MoveNext
        wend
        oRs.Close
%>
</select></TD></TR>

        <TR><TD><STRONG>PinCode of
Account</STRONG></TD><TD><INPUT id=txtPinCode
name=txtPinCode></TD></TR>

```

```

        <TR><TD><STRONG>Password of
Account</STRONG></TD><TD><INPUT id=txtAccPwd name=txtAccPwd
type=password></TD></TR>
    <TR><TD></TABLE>
<P><INPUT id=cmdSubmit name=cmdSubmit type=submit value=Submit>
<INPUT id=cmdReset name=cmdReset type=reset value=Reset></P></TD></TR>
<hr>
</FORM>
</BODY>
</HTML>

```

NewCustomer.asp

```

<!-- #include file="ADOvbs.inc" -->
<%
    if Request.Form("txtName") = "" Or Request.Form("txtNIC") = ""
    Or Request.Form("txtLoginName") = "" Or Request.Form("txtPwd") = ""
    Or Request.Form("lstBranchID") = "" Or Request.Form("lstAccTypeID")
= ""
    Or Request.Form("txtPinCode") = "" Or Request.Form("txtAccPwd") = ""
then
        session("Msg") = "You must fill the fields with bold lables"
        Response.Redirect "frmNewCustomer.asp"
    end if

    dim Cn
    set Cn = server.CreateObject("ADODB.Connection")
    Cn.Open "DSN=dsnMCB"
    Cn.BeginTrans

    set oRsRef = server.CreateObject("ADODB.recordset")
    strSQL = "SELECT * FROM ReferTo WHERE [NIC]=''" &
Request.Form("txtNIC") & "';"
    'Response.Write "H1"
    oRsRef.Open strSQL, Cn
    'Response.Write oRsMax("MaxID")
    'Response.Write "H2"
    if not oRsRef.EOF then
        'Response.Write oRsRef("UserID")
        dim oRs
        set oRs = server.CreateObject("ADODB.recordset")
        oRs.Open "User", Cn, adOpenDynamic, adLockPessimistic
        oRs.AddNew
        oRs("UserID") = 1 'for Account Holder
        'oRs("ID")= oRsMax("MaxID") + 1 'It is Auto# now
        oRs("Name")= request.Form("txtName")

```

```
's
if Request.Form("txtAddr") <> "" then
    oRs("Address")= Request.Form("txtAddr")
end if
'e
if Request.Form("txtPhone") <> "" then
    oRs("Phone")= Request.Form("txtPhone")
end if

oRs("LoginName")= Request.Form("txtLoginName")

Dim Obj
Set Obj = CreateObject("pjtMyDll6.clsMyDll6")
Dim sStr
sStr = Request.Form("txtPwd")
sStr = Obj.Encrypt(CStr(sStr))

oRs("Password")= CStr(sStr)
oRs.Update
oRs.MoveLast
dim nUserID
nUserID = oRs("ID")
oRs.Close
oRs.Open "AccountHolder", Cn,adOpenDynamic ,adLockPessimistic
oRs.AddNew
oRs("ID") =nUserID
oRs("NIC")= Request.Form("txtNIC")
if Request.Form("txtFName") <> "" then
    oRs("FatherName")= Request.Form("txtFName")
end if
oRs.Update
oRs.Close
's
'*****

oRs.Open "Account", Cn,adOpenDynamic ,adLockPessimistic
oRs.AddNew
oRs("UserID") = nUserID
oRs("BranchID")= request.Form("lstBranchID")
oRs("AccountTypeID")= Request.Form("lstAccTypeID")
oRs("PinCode")= Request.Form("txtPinCode")
oRs("Password")= Request.Form("txtAccPwd")
oRs.Update
oRs.MoveLast
dim nAccID
nNewAccID = oRs("ID")
oRs.Close
```

```

*****
oRs.Open "Deposit", Cn,adOpenDynamic ,adLockPessimistic
oRs.AddNew
oRs("AccountID")= nNewAccID
oRs("BranchID")= 1 'Request.Form("txtBID")
oRs("Date")= Date
oRs("Amount")= 0 'request.form("txtPC")
oRs.Update
oRs.Close

oRs.Open "Withdraw", Cn,adOpenDynamic ,adLockPessimistic
oRs.AddNew
oRs("AccountID")= nNewAccID
oRs("BranchID")= 1 'Request.Form("txtBID")
oRs("Date")= Date
oRs("Amount")= 0 'request.form("txtPC")
oRs.Update
oRs.Close

oRs.Open "Transaction", Cn,adOpenDynamic ,adLockPessimistic
oRs.AddNew
oRs("FromAccountID")= nNewAccID
oRs("ToAccountID")= nNewAccID 'Request.Form("txtBID")
oRs("TranscationTypeID")= 1 'transfer
oRs("Date")= Date
oRs("Amount")= 0 'request.form("txtPC")
oRs.Update
oRs.Close

Cn.CommitTrans
Cn.Close
*****
'Response.Write "<BR>BID" & request.Form("lstBranchID")
'Response.Write "<BR>ATypeID" &
Request.Form("lstAccTypeID")
%>
<!-- #include file="NavigatingMain.htm" -->
<%
Response.Write "<HR>" & request.Form("txtName")
Response.Write "'s Record is Added<HR>"

else
    session("Msg") = "You have no reference"
    Response.Redirect "frmNewCustomer.asp"
end if
%>

```

Login.asp

```

<%@ Language=VBScript %>
<%
    if Request.Form("txtName") = "" or Request.Form("txtPwd") = "" then
        Session("Msg") = "Fill all field"
        Response.Redirect "default.asp"
        Response.End
    end if
    set oRs = server.CreateObject("ADODB.recordset")
    strSQL = "SELECT * FROM User WHERE LoginName='" _
        & Request.Form("txtName") & "'"
    oRs.Open strSQL, "DSN=dsnMCB"
    if not oRs.EOF and not oRs.BOF then
        Dim Obj 'As pjtMyDll.clsMyDll
        Set Obj = CreateObject("pjtMyDll6.clsMyDll6")
        Dim StrDB
        StrDB = oRs("Password")
        StrDB = Obj.Decrypt(CStr(StrDB))
        Dim StrFrm
        StrFrm = Request.Form("txtPwd")
        StrFrm = Obj.Decrypt(CStr(StrFrm))
        if StrDB = StrFrm then
            'dim nCustTypeID 'check public
            Session("UserID") = oRs("ID")
            Session("UserType") = oRs("UserTypeID")
            'Response.Write "isLogin = " & Session("islogin")
        else
            session("Msg") = "Invalid Password"
            Session("UserID") = 0
            Session("UserType")=0
        end if
    else
        session("Msg") = "Invalid Login name"
        Session("UserID") = 0
        Session("UserType")=0
    end if
    oRs.Close
    select case Session("UserType")
        case 0 '
            'session("Msg") = "Invalid Login name/Password"
            Response.Redirect "default.asp"
        case 1 'AccountHolder
            Response.Redirect "AccountHolder.asp"
        case 2

```

```

        'Response.Write "Shop"
        Response.Redirect "Shop.asp"
    case 3
        Response.Redirect "BillingComp.asp"
        'Response.Write "Billing Company"
    case 4
        Response.Redirect "Admin.asp"
        Response.Write "Admin"
    case 5
        Response.Write "Welcom Bank"
    end select
%>

```

AccountHolder.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<!-- #include file="Msg.asp" -->
<HTML>
<HEAD>
<META NAME="GENERATOR" Content="Microsoft Visual Studio 6.0">
<TITLE></TITLE>
</HEAD>
<BODY background="b.jpg">
<!--#include file="MainNavigating.htm"-->
<P><STRONG>Account Holder</STRONG></P>
<HR>

<UL style="MARGIN-LEFT: 15px">
    <LI><A href="frmReferTo.asp" target=b>Refer others</A> </LI>
    <LI><A href="ListReferredPerson.asp" target=b>Referred Person</A> </LI>
    <LI><A href="ListAccount.asp" target=b>List All Account</A> </LI>
    <LI><A href="AccountBalance.asp" target=b>Check Balance</A> </LI>
    <LI><A href="frmSelectAccountBS.asp" target=b>Bank Statement</A> </LI>
    <LI><A href="frmTransfer.asp" target=b>Money Transfer</A> </LI>
    <LI><A href="frmTransferBank.asp" target=b>Money Transfer to other
        banks</A> </LI>
    <LI><A href="frmBill.asp" target=b>Utility Bill Payments</A> </LI>
    <LI><A href="frmNewAccount.asp" target=b>New Account</A> </LI>
    <LI><A href="frmEditing.asp" target=b>Editing</A> </LI></UL>
<HR>
</BODY>
</HTML>

```

frmReferTo.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<!-- #include file="Msg.asp" -->
<HTML>

```

```

<HEAD>
<META name=VI60_defaultClientScript content=VBScript>
<META NAME="GENERATOR" Content="Microsoft Visual Studio 6.0">
<TITLE></TITLE>
<SCRIPT ID=clientEventHandlersVBS LANGUAGE=vbscript>
<!--

Sub frmRefTo_onsubmit
    dim strErr
    strErr = ""
    if frmRefTo.txtName.value = "" or _
        frmRefTo.txtNIC.value = "" then
        strErr = strErr & "Fill all field. "
    end if
    if IsNumeric(frmRefTo.txtName.value) then
        strErr = strErr & "Enter valid name. "
    end if

    if len(strErr) > 0 then
        frmRefTo.action = ""
        MsgBox strErr
    end if
End Sub

-->
</SCRIPT>
</HEAD>
<BODY background="b.jpg">
<!-- # include file="NavigatingAccHolder.htm" -->
<font face="arial" color="green"><h2>
Account Holder &rarr; <FONT size=7>Refer To Person</h2></font>
<hr>
<FORM action="ReferTo.asp" id=frmRefTo method=post name=frmRefTo>
<P>Name <INPUT id=txtName name=txtName maxLength=20></P>
<P>NIC # <INPUT id=txtNIC name=txtNIC maxLength=20></P>
<P><INPUT id=cmdSubmit name=cmdSubmit type=submit value=Submit></P>
</FORM>
<hr>
</BODY>
</HTML>

```

ListReferredPerson.asp

```

<%@ Language=VBScript %>
<body background="b.jpg">
<!-- # include file="NavigatingAccHolder.htm" -->
<font face="arial" color="green"><h2>

```


Account Holder & rarr; Referred Persons</h2>

<hr>

<%

dim oRs

set oRs = server.CreateObject("ADODB.recordset")

'Response.Write "H1"

dim sSQL

sSQL = "SELECT Name, NIC, [Date] FROM ReferTo WHERE UserID = "
& Session("UserID") & " ORDER BY Name"

oRs.Open sSQL, "DSN=dsnMCB"

Response.Write "Referred Person Detail"

Response.Write "<TABLE BORDER=1>"

Response.Write "<TR><TH>Name</TH><TH>NIC

#</TH><TH>Date</TH></TR><TR><TD>"

if not oRs.EOF then

Response.Write oRs.GetString

(, "</TD><TD>", "</TD></TR><TR><TD>", " ")

end if

Response.Write "</TD></TR></TABLE>"

oRs.Close

%>

<hr>

<body>

ListAccount.asp

<!-- #include file="AuthenticateAccHolder.asp" -->

<body background="b.jpg">

<!-- # include file="NavigatingAccHolder.htm" -->

<%

set oRs = server.CreateObject("ADODB.recordset")

Dim strSQL

strSQL = "SELECT Account.ID, Branch.Title, AccountType.Title " & _
"FROM AccountType INNER JOIN (Branch INNER JOIN " & _
"Account ON " & _
"Branch.ID =Account.BranchID) ON " & _
"AccountType.ID = Account.AccountTypeID " & _
"WHERE Account.UserID=" & Session("UserID")

oRs.Open strSQL, "DSN=dsnMCB"

''''''

%>

<h2>

Account Holder & rarr; Account List</h2>

<hr>

<%

Response.Write "<TABLE BORDER=5>"

```

    Response.Write "<TR><TH>Account
#</TH><TH>Branch</TH><TH>Account Type</TH></TR><TR><TD>"
    Response.Write
oRs.GetString(, "</TD><TD>", "</TD></TR><TR><TD>", "&nbsp;")
    Response.Write "</TD></TR></TABLE>"
oRs.Close
%>

```

AccountBalance.asp

```

<!-- #include file="AuthenticateUser.asp" -->
<!-- #include file="ADOvbs.inc" -->
<!-- # include file="NavigatingAccHolder.htm" -->
<body background="b.jpg">
<%
    dim oCon
    set ocon = server.CreateObject("ADODB.Connection")
    oCon.Open "DSN=dsnMCB"

    Dim oCmd
    Set oCmd = Server.CreateObject("ADODB.Command")
    oCmd.ActiveConnection = oCon
    oCmd.CommandText = "qFindBalance"
    oCmd.CommandType = adCmdStoredProc

    dim oParm
    set oParm = server.CreateObject("ADODB.Parameter")
    oParm.Name = "AID"
    oParm.Type=adInteger
    oParm.Direction = adParamInput
    oCmd.Parameters.Append oParm
    dim oRsBal
    set oRsBal = server.CreateObject("ADODB.recordset")
    dim oRsAcc
    set oRsAcc = server.CreateObject("ADODB.recordset")
    dim sSql
    sSql="select * from Account where UserID=" & Session("UserID")
    oRsAcc.Open sSql,oCon
    'Response.Write "<BR>1. EOF = " & oRsAcc.EOF
    'Response.Write "<BR>1. BOF = " & oRsAcc.BOF
    'Remove this because each customer must have 1 bank account
    if oRsAcc.EOF or oRsAcc.BOF then
        Response.Write "No Account"
    end if
%>
<font face="arial" color="green"><h2>

```

```

Account Holder &rarr; <FONT size=7>A</FONT>ccount
Balance</h2></font>
<hr>
<%
'Response.Write "<H1>Balance of All Account</H1>"
Response.Write "<TABLE BORDER=1>"
Response.Write "<TR><TH>Account
#</TH><TH>Balance</TH></TR><TR><TD>"
while not oRsAcc.EOF
oParm.Value = oRsAcc("ID")
set oRsBal = oCmd.Execute
if not oRsBal.EOF then ' or not oRsBal.BOF
Response.Write oRsAcc("ID") & "</TD><TD>"
Response.Write oRsBal.GetString(,"</TD></TR>",
"<TR><TD>","&nbsp;")
"Response.Write
oRs.GetString(,"</TD><TD>","</TD></TR><TR><TD>","&nbsp;")
'Response.Write "</TD></TR></TABLE>"
oRsAcc.MoveNext
end if
oRsBal.Close
wend
Response.Write "</TD></TR></TABLE>"
oRsAcc.Close
oCon.Close
%>
</body>

```

FrmSelectAccountBS.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<!-- #include file="Msg.asp" -->
<%
dim oRsAcc
set oRsAcc = server.CreateObject("ADODB.recordset")
Dim sSQL
sSQL = "SELECT * FROMAccount WHERE UserID = " &
Session("UserID")
oRsAcc.Open sSQL, "DSN=dsnMCB"
%>
<HTML>
<HEAD>
<META name=VI60_defaultClientScript content=VBScript>
<META NAME="GENERATOR" Content="Microsoft Visual Studio 6.0">
<SCRIPT ID=clientEventHandlersVBS LANGUAGE=vbscript>
<!--

```

```

Sub FORM1_onsubmit
    if Not IsNumeric(form1.lstAccID.value) then
        msgbox "Enter Only Numeric Value"
        form1.action=""
    end if
End Sub

-->
</SCRIPT>
</HEAD>
<BODY background="b.jpg">
<font face="arial" color="green"><h2>
Account Holder &rarr; <FONT size=7>S</FONT>elect Account</h2></font>
<hr>
<!-- # include file="NavigatingAccHolder.htm" -->
<FORM action="BankStatement.asp" id=FORM1 method=post name=FORM1>
<P>Select an Account #
<SELECT NAME=lstAccID SIZE=1>
<%
    while not oRsAcc.EOF
        Response.Write "<OPTION VALUE=" & oRsAcc("ID") & ">"
        Response.Write oRsAcc("ID") & "</OPTION>"
        oRsAcc.MoveNext
    wend
    oRsAcc.Close
%>
</SELECT>
</P>
<P><INPUT id=submit name=submit type=submit value=Submit>
<INPUT id=reset name=reset type=reset value=Reset></P>
</FORM>

</BODY>
</HTML>

```

BankStatement.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<%
    if Request.Form("lstAccID") = "" then
        session("Msg") = "Invalid Account #. You must select an Account # to
        see bank statment"
        Response.Redirect "frmSelectAccountBS.asp"
    end if
%>
<!-- #include file="ADOvbs.inc" -->

```

```

<body background="b.jpg">
<font face="arial" color="green"><h2>
Account Holder & rarr; <FONT size=7>B</FONT>ank Statment</h2></font>
<hr>
<%
    dim oCon
    set ocon = server.CreateObject("ADODB.Connection")
    oCon.Open "DSN=dsnMCB"

    dim oRs
    set oRs = server.CreateObject("ADODB.recordset")

    Response.Write "<H1>Account # " & Request.Form("lstAccID") &
        "</H1>"

    'Transaction In Amount
    sSQL="SELECT User.Name,Transaction.FromAccountID,User_1.Name, " _
    & "Transaction.ToAccountID, TranscationType.Type, Transaction.Date, " _
    & "Transaction.Amount FROM [User] AS User_1 INNER JOIN (Account AS
    Account_1 " _
    & "INNER JOIN ([User] INNER JOIN Account ON User.ID = Account.UserID) " _
    & "INNER JOIN (TranscationType INNER JOIN [Transaction] ON " _
    & "TranscationType.ID = Transaction.TranscationTypeID) ON " _
    & "Account.ID = Transaction.FromAccountID) ON Account_1.ID = " _
    & "Transaction.ToAccountID) ON User_1.ID = Account_1.UserID " _
    & "WHERE (((Transaction.ToAccountID)= " & Request.Form("lstAccID") _
    & ")) ORDER BY Transaction.Date;"
    oRs.Open sSQL, oCon
    Response.Write "<BR><B>Online</B> Transaction (Debit/Credit)"
    Response.Write "<TABLE BORDER=1>"
    Response.Write "<TR><TH>From</TH><TH>Account
#</TH><TH>To</TH><TH>Account #</TH><TH>Transcation
Type</TH><TH>Date</TH><TH>Amount</TH><TH>Debit/Credit</TH></TR><
TR><TD><FONT color=blue>"
    if not oRs.EOF then
        Response.Write oRs.GetString(, "</TD><TD><FONT
color=blue>","</TD><TD><FONT color=blue>Dr</TD></TR><TR><TD><FONT
color=blue>","&nbsp;</TD></TR></TABLE><HR>"
    end if
    'Response.Write "</TD></TR></TABLE><HR>"
    oRs.Close
    'calc total amount
    sSQL="SELECT Sum(Transaction.Amount) AS Total " _
    & "FROM [Transaction] GROUP BY Transaction.ToAccountID " _
    & "HAVING (((Transaction.ToAccountID)= " & Request.Form("lstAccID") & "));"
    oRs.Open sSQL, oCon

```

```

        'if not oRs.EOF then
            Response.Write
" </TD><TD>&nbsp;</TD><TD>&nbsp;</TD><TD>&nbsp;</TD><TD>&nbsp;</TD><TD>&nbsp;</TD><TD><B>Total</B></TD><TD><B>"
            Response.Write oRs("Total")
            Response.Write "</B></TD><TD>&nbsp;</TD></TR><TR><TD><FONT
color=red>"
        'end if
            'Response.Write "</TD></TR></TABLE><HR>"
oRs.Close
        'eeeeeeeeeeeeee

        'Transaction out Amount
        'sSQL="SELECT * FROM Transaction WHERE FromAccountID="
& oRsAcc("ID")'& Session("CustID")
        'sSQL="SELECT Transaction.FromAccountID,
Transaction.ToAccountID, " _
'& "TransactionType.Type, Transaction.Date, Transaction.Amount " _
'& "FROM TransactionType INNER JOIN [Transaction] ON TransactionType.ID =
" _
'& "Transaction.TransactionTypeID WHERE (((Transaction.FromAccountID)=" _
'& Request.Form("lstAccID") & "));"

'sssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssssss
        sSQL="SELECT User.Name, Transaction.FromAccountID, User_1.Name, " _
& "Transaction.ToAccountID, TransactionType.Type, Transaction.Date, " _
& "Transaction.Amount FROM [User] AS User_1 INNER JOIN (Account AS
Account_1 " _
& "INNER JOIN ([User] INNER JOIN Account ON User.ID = Account.UserID) " _
& "INNER JOIN (TransactionType INNER JOIN [Transaction] ON " _
& "TransactionType.ID = Transaction.TransactionTypeID) ON " _
& "Account.ID = Transaction.FromAccountID) ON Account_1.ID = " _
& "Transaction.ToAccountID) ON User_1.ID = Account_1.UserID " _
& "WHERE (((Transaction.FromAccountID)= " & Request.Form("lstAccID") _
& ")) ORDER BY Transaction.Date;"
'eeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeeee

        oRs.Open sSQL, oCon
        'Response.Write "<BR>Transaction Out Amount"
        'Response.Write "<TABLE BORDER=1>"
        'Response.Write
"<TR><TH>FromAccountID</TH><TH>ToAccountID</TH><TH>TransactionTy
peID</TH><TH>ID</TH><TH>Date</TH><TH>Amount</TH></TR><TR><TD>"
        'Response.Write "-----=</TD>/TR><TR><TD>"

```

[illegible]

```

        Response.Write oRs.GetString(, "</TD><TD><FONT
color=blue>","</TD><TD><FONT color=blue>Dr</TD></TR><TR><TD><FONT
color=blue>","&nbsp;")
    end if
    'Response.Write "</TD></TR></TABLE><HR>"
    oRs.Close

    'ssssssss
    'total deposit
    sSQL="SELECT Sum(Deposit.Amount) AS Total FROM Deposit " _
& "GROUP BY Deposit.AccountID HAVING (((Deposit.AccountID)=" _
& Request.Form("lstAccID") & "));"

    oRs.Open sSQL, oCon

    Response.Write "&nbsp;</TD><TD><B>Total</B></TD><TD><B>"
    Response.Write oRs("Total")
    Response.Write
"</B></TD><TD>&nbsp;</TD></TR><TR><TD><FONT color=red>"

    oRs.Close
    'eeeeee

    'Withdraw
    'sSQL="SELECT * FROM Withdraw WHERE AccountID=" &
oRsAcc("ID")& Session("CustID")
    sSQL="SELECT Branch.Title, Withdraw.Date, Withdraw.Amount "
_
& "FROM Branch INNER JOIN Withdraw ON Branch.ID = Withdraw.BranchID
"
_
& "WHERE (((Withdraw.AccountID)=" & Request.Form("lstAccID") & "));"
    oRs.Open sSQL, oCon
    'Response.Write "<BR>Withdraw Amounts"
    'Response.Write "<TABLE BORDER=1>"
    'Response.Write "<TR><TH>Account ID</TH><TH>Branch
ID</TH><TH>ID</TH><TH>Date</TH><TH>Amount</TH></TR><TR><TD>"
    'Response.Write "-</TD><TD>.</TD><TD>.</TD><TD>."
</TD></TR><TR><TD>"
    'Response.Write "</TD></TR><TR><TD>"
    Response.Write
"</TD><TD></TD><TD></TD><TD></TD></TR><TR><TD><FONT
color=red>"
    'Response.Write
"&nbsp;</TD><TD>&nbsp;</TD><TD>&nbsp;</TD><TD>&nbsp;</TD></TR><
TR><TD>"

    if not oRs.EOF then

```



```

        Response.Write oRs.GetString(, "</TD><TD><FONT
color=red>","</TD><TD><FONT color=red>Cr</TD></TR><TR><TD><FONT
color=red>","&nbsp;")
    end if
    'Response.Write "</TD></TR></TABLE>"
    oRs.Close

    'ssssssssssss
    sSQL="SELECT Sum(Withdraw.Amount) AS Total FROM
Withdraw "
    & "GROUP BY Withdraw.AccountID "
    & "HAVING (((Withdraw.AccountID)= " & Request.Form("lstAccID") & "));"
    oRs.Open sSQL, oCon
    'if not oRs.EOF then
        Response.Write "&nbsp;</TD><TD><B>Total</B></TD><TD><B>"
        Response.Write oRs("Total")
        Response.Write "</B></TD><TD>&nbsp;</TD></TR><TABLE>"
    'end if
    'Response.Write "</TD></TR></TABLE><HR>"
    oRs.Close
    'eeeeeeeeeeee

    'ssssssssssssssss
    Dim oCmd
    Set oCmd = Server.CreateObject("ADODB.Command")
    oCmd.ActiveConnection = oCon
    oCmd.CommandText = "qFindBalance"
    oCmd.CommandType = adCmdStoredProc

    dim oParm
    set oParm = server.CreateObject("ADODB.Parameter")
    oParm.Name = "AID"
    oParm.Type=adInteger
    oParm.Direction = adParamInput
    oParm.Value = Request.Form("lstAccID")
    oCmd.Parameters.Append oParm
    'eeeeeeeeeeeeeeee

    'ssssssss
    set oRs = oCmd.Execute
    'esponse.Write "<BR>1. EOF = " & oRsBal.EOF
    'esponse.Write "<BR>1. BOF = " & oRsBal.BOF
    if not oRs.EOF then ' or not oRsBal.BOF

        Response.Write "<BR><H2>Account Balance = " &
oRs("Balance") & "</H2>"

```

```

        'Response.Write "<BR>Session('UserID') = " &
Session("UserID") & "<BR>"
        'Response.Write "Account Balance"
        'Response.Write "<TABLE BORDER=1>"
        'Response.Write
"<TR><TH>Balance</TH></TR><TR><TD>"
        'Response.Write
oRs.GetString(, "</TD><TD>", "</TD></TR><TR><TD>", "&nbsp;")
        'Response.Write "</TD></TR></TABLE>"
    end if
    oRs.Close
    'eeeeeeeeee

    'oRsAcc.MoveNext
'wend

'RsAcc.Close
oCon.Close
%>

```

FrmTransfer.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<!-- #include file="Msg.asp" -->
<HTML>
<HEAD>
<META name=VI60_defaultClientScript content=VBScript>
<META NAME="GENERATOR" Content="Microsoft Visual Studio 6.0">
<TITLE></TITLE>
<SCRIPT ID=clientEventHandlersVBS LANGUAGE=vbscript>
<!--

Sub FORM1_onsubmit
    if not IsNumeric(form1.txtToAccID.value ) or _
        not IsNumeric(form1.txtAmount.value ) or _
        not IsNumeric(form1.lstAcc.value) then
        msgbox "Enter Numeric Value"
        form1.action = ""
    end if
End Sub

-->

```

```

</SCRIPT>
</HEAD>
<BODY background="b.jpg">
<font face="arial" color="green"><h2>
Account Holder &rarr; <FONT size=7>M</FONT>oney Transfer</h2></font>
<hr>
<FORM action="Transfer.asp" id=FORM1 method=post name=FORM1>
<P>&nbsp;</P>
<table>
  <tr><td>Select your Account #</td><td><SELECT NAME=lstAcc SIZE=1>
<%
  dim oRsAcc
  set oRsAcc = server.CreateObject("ADODB.recordset")
  Dim sSQL
  sSQL = "SELECT * FROMAccount WHERE UserID = " &
Session("UserID")
  oRsAcc.Open sSQL, "DSN=dsnMCB"

  while not oRsAcc.EOF
    Response.Write "<OPTION VALUE=" & oRsAcc("ID") & ">"
    Response.Write oRsAcc("ID") & "</OPTION>"
    oRsAcc.MoveNext
  wend
  oRsAcc.Close
%>
</SELECT>
  </td></tr>
  <tr><td>ToAccountID</TD><td><INPUT id="txtToAccID"
name="txtToAccID" maxlength=9></td></tr>
  <tr><td>Amount</td><td><INPUT id="txtAmount" name="txtAmount"
maxlength=14></td></tr>
</table>

<P>&nbsp;<INPUT id=submit name=submit type=submit value=Submit
style="LEFT: 13px; TOP: 182px">&nbsp;<INPUT id=reset name=reset type=reset
value=Reset></P>
</FORM>

</BODY>
</HTML>

```

Transfer.asp

```

<!-- #include file="AuthenticateUser.asp" -->
<!-- #include file="ADOvbs.inc" -->
<%
  if CCur(Request.Form("txtAmount")) <= 0 then

```

```

        Session( "Msg" ) = "Amount should not be <= 0"
        Response.Redirect "frmTransfer.asp"
    end if
    dim oCon
    set ocon = server.CreateObject("ADODB.Connection")
    oCon.Open "DSN=dsnMCB"

    Dim oCmd
    Set oCmd = Server.CreateObject("ADODB.Command")
    oCmd.ActiveConnection = oCon
    oCmd.CommandText = "qFindBalance"
    oCmd.CommandType = adCmdStoredProc

    dim oParm
    set oParm = server.CreateObject("ADODB.Parameter")
    oParm.Name ="AID"
    oParm.Type=adInteger
    oParm.Direction = adParamInput
    oParm.Value = Request.Form("lstAcc")
    oCmd.Parameters.Append oParm

    dim oRsBal
    set oRsBal = server.CreateObject("ADODB.recordset")
    set oRsBal = oCmd.Execute
    'sdfsdfsdfsdfs
    'Response.Write oRsBal("Balance") & " >= " &
Request.Form("txtAmount") & " = "
    'Response.Write ( cint( oRsBal("Balance") ) >=
cint( Request.Form("txtAmount") ) )
    'Response.End
    'dfsdfsdfsdfsdfs
    if CCur( oRsBal("Balance")) >= CCur( Request.Form("txtAmount") ) _
        then
            dim oRsTran
            set oRsTran = server.CreateObject("ADODB.recordset")
            oRsTran.Open "Transaction", oCon, adOpenDynamic
,adLockPessimistic
            orsTran.AddNew
            oRsTran("FromAccountID")= Request.Form("lstAcc")
'Request.Form("txtFromAccID")
            oRsTran("ToAccountID")=Request.Form("txtToAccID")
            oRsTran("TranscationTypeID")= 1 '--> transfer
            oRsTran("Date")= date
            oRsTran("Amount")= Request.Form("txtAmount")
            oRsTran.Update
            oRsTran.Close

```

```

    %>
    <BODY background="b.jpg">
    <%
    Response.Write "<HR>Transcation is complete<HR>"
else
    Session( "Msg" ) = "There is only Rs " & CCur( oRsBal("Balance"))
    _
    & " in balance while amount transferring is Rs " _
    & CCur( Request.Form("txtAmount") )
    Response.Redirect "frmTransfer.asp"
end if
oRsBal.Close
oCon.Close
%>

```

FrmBill.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<!-- #include file="Msg.asp" -->

<HTML>
<HEAD>
<META name=VI60_defaultClientScript content=VBScript>
<META NAME="GENERATOR" Content="Microsoft Visual Studio 6.0">
<TITLE></TITLE>
<SCRIPT ID=clientEventHandlersVBS LANGUAGE=vbscript>
<!--

Sub FORM1_onsubmit
    if not IsNumeric(form1.lstFromAccID.value) or _
        not IsNumeric(form1.txtBillNo.value) or _
        not IsNumeric(form1.txtAmount.value) then
        msgbox "Enter Numeric Value"
        form1.action = ""
    end if

    if form1.lstComID.value = "" then
        msgbox "Your must select a billing company"
        form1.action = ""
    end if
End Sub

-->
</SCRIPT>
</HEAD>
<BODY background="b.jpg">
<font face="arial" color="green"><h2>

```

```

Account Holder & rarr; <FONT size=7>Bill Payment</h2></font>
<hr>
<!-- # include file="NavigatingAccHolder.htm" -->
<!--'<h1>Bill payments options</h1>-->
<FORM action="Bill.asp" id=FORM1 method=post name=FORM1>
<table>
<Tr><td>Select your Account #</td><td><SELECT NAME=lstFromAccID
SIZE=1>
<%
    dim Cn
    set Cn = server.CreateObject("ADODB.Connection")
    Cn.Open "DSN=dsnMCB"

    dim oRsAcc
    set oRsAcc = server.CreateObject("ADODB.recordset")
    Dim sSQL
    sSQL = "SELECT * FROM Account WHERE UserID = " &
Session("UserID")
    oRsAcc.Open sSQL, Cn

    while not oRsAcc.EOF
        Response.Write "<OPTION VALUE=" & oRsAcc("ID") & ">"
        Response.Write oRsAcc("ID") & "</OPTION>"
        oRsAcc.MoveNext
    wend
    oRsAcc.Close
%>
</SELECT>
        </td></tr>

<tr><td>Select Billing Company</td><td><SELECT NAME=lstComID
SIZE=1>
<%
    dim oRsCom
    set oRsCom = server.CreateObject("ADODB.recordset")
    'Dim sSQL
    'sSQL = "SELECT * FROM      BillingCompany WHERE ID = " &
Session("UserID")
    oRsCom.Open "BillingCompany", Cn

    while not oRsCom.EOF
        Response.Write "<OPTION VALUE=" & oRsCom("ID") & ">"
        Response.Write oRsCom("Title") & "</OPTION>"
        oRsCom.MoveNext
    wend
    oRsCom.Close

```

```

%>
</SELECT>
</tr></td>

<tr><td>Enter Bill #</td><td><INPUT id="txtBillNo"
name="txtBillNo"></td></tr>
<tr><td>Amount</td><td><INPUT id="txtAmount"
name="txtAmount"></td></tr>
</table>
<INPUT id=submit name=submit type=submit value=Submit> <INPUT id=reset
name=reset type=reset value=Reset></P>
</FORM>

</BODY>
</HTML>

```

Bill.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<!-- #include file="ADOvbs.inc" -->
<%
on error resume next
    if CCur(Request.Form("txtAmount")) < 1 then ' CCur = Change Currency
        Session( "Msg" ) = "Amount should not be < 1"
        Response.Redirect "frmBill.asp"
    end if

    Session("AccID") = Request.Form("lstFromAccID")
    Session("Amount") = Request.Form("txtAmount")
%>
<!-- #include file="ValidateBalance.asp" -->
<%
    if Len( Session( "Msg" ) ) > 0 then
        Response.Redirect "frmBill.asp"
    end if

    dim Cn
    set Cn = server.CreateObject("ADODB.Connection")
    Cn.Open "DSN=dsnMCB"
    Cn.BeginTrans

    dim oRsCom
    set oRsCom = server.CreateObject("ADODB.recordset")
    sSQL = "SELECT * FROM Account WHERE UserID = " & Request.Form("lstComID") & ";"
    oRsCom.Open sSQL, Cn

```

```

dim nComAccID
nComAccID = oRsCom("ID")
oRsCom.Close

dim ORsTran
set oRsTran = server.CreateObject("ADODB.recordset")
oRsTran.Open "Transaction", Cn,adOpenDynamic ,adLockPessimistic

oRsTran.AddNew
oRsTran("FromAccountID")= Request.Form("lstFromAccID")
oRsTran("ToAccountID")= nComAccID
oRsTran("TranscationTypeID")= 2 "'--> bill payment
oRsTran("Date")= date
oRsTran("Amount")= Request.Form("txtAmount")
oRsTran.Update
oRsTran.MoveLast
dim nTranID
nTranID = oRsTran("ID")
ORsTran.Close

.....

'Dim oCmd
Set oCmd = Server.CreateObject("ADODB.Command")
oCmd.ActiveConnection = Cn
oCmd.CommandText = "INSERT INTO Billing (TransactionID,
BillNumber) " & _
"VALUES(" & nTranID & "," &
cLng(Request.Form("txtBillNo")) & ");"
oCmd.CommandType = adCmdText
'ocmd.Prepared = false '=true is compiled ver.
oCmd.Execute
'start-err
%>
<!-- #include file="CheckError.asp" -->
<%
if len(Session("Msg")) > 0 then
    Session("Msg") = Session("Msg") & " i.e Bill #"
    Response.Redirect "frmBill.asp"
else
    Cn.CommitTrans
    Cn.Close
    %>
    <BODY background="b.jpg">
    <%
    Response.Write "<HR><H2>Bill payment is completed</H2><HR>"
end if

```



```

'end-err
'*****
'dim ORsBilling
'set oRsBilling = server.CreateObject("ADODB.recordset")
'oRsBilling.Open "Billing", Cn,adOpenDynamic ,adLockPessimistic
'oRsBilling.AddNew
'oRsBilling("TransactionID")= nTranID
'oRsBilling("BillNumber") = cint(Request.Form("txtBillNo"))
'ORsBilling.Update
'ORsBilling.Close

%>

```

FrmNewAccount.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<HTML>
<HEAD>
<META NAME="GENERATOR" Content="Microsoft Visual Studio 6.0">
<TITLE></TITLE>
</HEAD>
<BODY background="b.jpg">
<font face="arial" color="green"><h2>
Account Holder &rarr; <FONT size=7>N</FONT>ew Account</h2></font>
<hr>

<FORM action="NewAccount.asp" id=FORM1 method=post name=FORM1>
    <table>
<tr><td>Select Branch:</td><td><SELECT NAME=BranchName SIZE=1>
<%
    dim Cn
    set Cn = server.CreateObject("ADODB.Connection")
    Cn.Open "DSN=dsnMCB"

    dim oRsAcc
    set oRsAcc = server.CreateObject("ADODB.recordset")
    Dim sSQL
    sSQL = "SELECT * FROMBranch"
    oRsAcc.Open sSQL, Cn

    while not oRsAcc.EOF
    Response.Write "<OPTION VALUE=" & oRsAcc("ID") & ">"
    Response.Write oRsAcc("Title") & "</OPTION>"
    oRsAcc.MoveNext
    wend
oRsAcc.Close

```

```

%>
</SELECT>

<tr><td>PinCode</td><td><INPUT id=text4 name=txtPC></td></tr>
<tr><td>Password</td><td><INPUT id=text5 name=txtPwd></td></tr>

<tr><td>Select the Account Type:</td><td><SELECT NAME=AccountType
SIZE=1>
<%
'dim Cn
    set Cn = server.CreateObject("ADODB.Connection")
    Cn.Open "DSN=dsnMCB"

    'dim oRsAcc
    set oRsAcc = server.CreateObject("ADODB.recordset")
    'Dim sSQL
    sSQL = "SELECT * FROMAccountType"
    oRsAcc.Open sSQL, Cn

        while not oRsAcc.EOF
            Response.Write "<OPTION VALUE=" & oRsAcc("ID") & ">"
            Response.Write oRsAcc("Title") & "</OPTION>"
            oRsAcc.MoveNext
        wend
    oRsAcc.Close

%>
</select>
</tr></td>
</table>
<P><INPUT id=submit name=submit type=submit value=Submit></P>
</FORM>
</BODY>
</HTML>

```

NewAccount.asp

```

<!-- #include file="AuthenticateAccHolder.asp" -->
<!-- #include file="ADOvbs.inc" -->
<%
    set oRs = server.CreateObject("ADODB.recordset")

    oRs.Open "Account", "DSN=dsnMCB",adOpenDynamic
,adLockPessimistic
    oRs.AddNew
    oRs("UserID")= Session("UserID")

```

```

oRs("BranchID")= Request.Form("txtBID")
oRs("AccountTypeID")=request.form("txtType")
oRs("PinCode")=request.form("txtPC")
oRs("Password")=request.form("txtPwd")
oRs.Update
oRs.MoveLast
dim nNewAccID
nNewAccID = oRs("ID")
oRs.Close

oRs.Open "Deposit", "DSN=dsnMCB",adOpenDynamic ,adLockPessimistic
oRs.AddNew
oRs("AccountID")= nNewAccID
oRs("BranchID")= 1 'Request.Form("txtBID")
oRs("Date")= Date
oRs("Amount")= 0 'request.form("txtPC")
oRs.Update
oRs.Close

oRs.Open "Withdraw", "DSN=dsnMCB",adOpenDynamic
,adLockPessimistic
oRs.AddNew
oRs("AccountID")= nNewAccID
oRs("BranchID")= 1 'Request.Form("txtBID")
oRs("Date")= Date
oRs("Amount")= 0 'request.form("txtPC")
oRs.Update
oRs.Close

oRs.Open "Transaction", "DSN=dsnMCB",adOpenDynamic
,adLockPessimistic
oRs.AddNew
oRs("FromAccountID")= nNewAccID
oRs("ToAccountID")= nNewAccID 'Request.Form("txtBID")
oRs("TranscationTypeID")= 1 'transfer
oRs("Date")= Date
oRs("Amount")= 0 'request.form("txtPC")
oRs.Update
oRs.Close

Response.Write "New Account # " & nNewAccID & " is Created"
%>

```

FrmEditing.asp

```
<!-- #include file="AuthenticateAccHolder.asp" -->
```

```
<!-- #include file="Msg.asp" -->  
<HTML>  
<HEAD>  
<META NAME="GENERATOR" Content="Microsoft Visual Studio 6.0">  
<TITLE></TITLE>  
</HEAD>  
<BODY background="b.jpg">  
<font face="arial" color="green"><h2>  
Account Holder &rarr; <FONT size=7>E</FONT>diting Options</h2></font>  
<hr>  
<DIV align=center><FONT color=blue size=5>  
<P>  
<FORM action="Editing.asp" id=FORM1 method=post  
name=FORM1>>Password<INPUT id=txtPwd name=tstPwd type=password></P>  
<P>Address&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<INPUT id=tstAddr name=tstAddr type=text></P>  
<P>Phone&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<INPUT id=tstPhone  
name=tstphone  
type=text></P>  
<P>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~  
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~  
<INPUT id=cmdsubmit name=cmdsubmit style="COLOR: crimson; FONT-  
STYLE: italic" type=submit value=Submit>&nbsp;&nbsp;&nbsp;<INPUT id=cmdreset  
name=cmdreset style="COLOR: fuchsia; FONT-STYLE: italic; HEIGHT: 25px;  
WIDTH: 67px" type=reset value=Reset></P></FORM>  
<P>&nbsp;&nbsp;&nbsp;</P>  
</FONT></DIV>  
</BODY>  
</HTML>
```

Editing.asp

```
<!-- #include file="AuthenticateAccHolder.asp" -->
<!-- #include file="ADOVbs.inc" -->
<%

    set oRs = server.CreateObject("ADODB.recordset")
    Dim s
    s="select * from User where id=" & Session("UserID")
    oRs.Open s, "DSN=dsnMCB",adOpenDynamic ,adLockPessimistic
    if not ors.EOF or not ors.BOF then
        dim isUpdate
        isUpdate = false
        if Request.Form("txtPwd") <> "" then
            Dim Obj 'As pjtMyDll.clsMyDll
            Set Obj = CreateObject("pjtMyDll6.clsMyDll6")
            Dim St
            St = Request.Form("txtPwd")
            St = Obj.Encrypt(CStr(St))
        end if
    end if
end sub
%>
```

```
        set Obj = Nothing
        oRs("Password")= St'Request.Form("txtpwd")
        isUpdate = true
    end if
    if Request.Form("txtAddr") <> "" then
        ors("Address")= Request.Form("txtAddr")
        isUpdate = true
    end if
    if Request.Form("txtphone") <> "" then
        ors("Phone")=request.form("txtPhone")
        isUpdate = true
    End if

    'if isUpdate = true then
    ors.Update
    'end if
end if

if isUpdate = true then
    %>
    <!-- #include file="NavigatingAccHolder.htm" -->
    <%
    Response.Write "<HR>Record is update<HR>"
else
    session("Msg") = "Record is not update Please enter values"
    Response.Redirect "frmEditing.asp"
end if
ors.Close

%>
```

Sitemap