THE INVESTMENT PRESERVATION SYSTEM OF CENTRALLIZED BANKING

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Abstract - The objective of this application to make the Customers of various Banks can do their account accessibility and transactions using this solution. They need not to interact with various applications or web sites of each bank.

The Investment preservation System Interface is targeted to the future banking solution for the users who is having multiple bank accounts in multiple banks. This interface integrates all existing banks and provides business solutions for both retail and corporate.

This system acts as a standard interface between the clients and all the banks. By using this portal any client who maintain accounts in various banks can directly log on to this System Interface and make any kind of transactions. In the backend, system will take care of the entire obligation required in order to carry on transaction smoothly**.**

1. INTRODUCTION

PURPOSE OF THE SYSTEM The **Investment Preservation System** Interface is targeted to the future banking solution for the users who is having multiple bank accounts in multiple banks.

This interface integrates all existing banks and provides business solutions for both retail and corporate.

This system acts as a standard interface between the clients and all the banks. By using this portal any client who maintain accounts in

various banks can directly log on to Secure Banking System Interface and make any kind of transactions. In the backend, system will take care of the entire obligation required in order to carry on transaction smoothly.

Scope:

The objective of this application to make the Customers of various Banks can do their account accessibility and transactions using this solution. They need not to interact with various applications or web sites of each bank. The Admin will add new Bank details and can update the existing details of the bank. The Admin will accept/reject the registration of a Customer to use this application.

The Bank Admin makes access this site to see the all Customer transactions, account Transfer status, etc. He/she can accept or reject the fund transfer of the Customer. Should able to provide Response for the queries related to the Customers.

The Customers should make request for multiple bank account access to the Administrator. He/she can view the Account related information. The customer should able to transfer the amount from one bank to another bank account using this system by providing the Secondary authentication details. The customer also facilitated to generate report for own bank details for a respective period. The Customer should able to send Queries to the Bank Admin.

2. OVERVIEW OF THESYSTEM

THE EXISTING SYSTEM

- The existing system is a manual system.

- Existing system is not providing facilities for secure registration.

- There is no sharing is possible if the data is in the form of paper or Disk drives.

- There is no report generation.

- In this system security is very less; some data may be lost due to mismanagement.

- It's a limited system and fewer users friendly.

- There is no rich user interface.

- Searching of particular information is very critical it takes lot of time.

- The users cannot able to restrict the information.

PRPOSED SYSTEM

The development of the new system objective is to address the solutions for the drawbacks of existing problem domain.

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach.

- User Friendliness is provided in the application with various controls provided by system Rich User Interface.

- The system makes the overall project management much easier and flexible.

- It can be accessed over the Intranet.

- The user information files can be stored in centralized database which can be maintained by the system.

- This can give the good security for user information because data is not in client machine.

- Authentication is provided for this application only registered users can access.

- User can share is data to others, and also he can get data from others.

- There is no risk of data management at any level while the project development is under process.

- Report generation features is provided to generate different kind of data reports.

Advantages for Customers

For Customer of Multibank Accounting System, advantages primarily concern access, time, and cost factors compared to those incurred from attending as manual.

STUDY OF THE SYSTEM

In the flexibility of uses the interface has been developed a graphics concepts in mind, associated through a browser interface. The GUI's at the top level has been categorized as follows

1. Administrative User Interface Design

2. The Operational and Generic User Interface Design

The administrative user interface concentrates on the consistent information that is practically, part of the organizational activities and which needs proper authentication for the data collection. The Interface helps the administration with all the transactional states like data insertion, data deletion, and data updating along with executive data search capabilities.

The operational and generic user interface helps the users upon the system in transactions through the existing data and required services.

The operational user interface also helps the ordinary users in managing their own information helps the ordinary users in managing their own information in a customized manner as per the assisted flexibilities.

Modules

This application consists following modules

1. **Admin Module**
2. **Customer Module**
3. **Bank Admin Module**
4. **Reports Module**

Admin Module:

The admin module will be used by the administrator of this portal, admin can accept or reject the requests from the bankers, and also admin can accept or reject the requests from the users. The requests are in the form of bank registration, customer registration. This module is having following functionality.

▪ **Pending Bankers Requests:** By using this functionality Administrator can give access Permission to all bankers who are registered in this portal.

Bank Admin Module:

This module deals with all transaction of bank management. By using this module bank staff can view all details of customers, they can go for any transactions of their customers and also they can give access permissions to all customers of that bank. This module consists following functionality.

1. **List of Customers**: By using this functionality Bank admin can get their entire customers list and their details.
2. **List of Accounts**: By using this functionality Bank admin can get their entire customers list based on selected account type like saving account, current account etc.

3. **Transfer Pending:** By using this functionality Bank admin can maintain money transfer details of customers.
4. **Transfer Declines:** By using this functionality Bank admin can maintain money transfer rejected customer details.

Customer Module:

This module describes all about customers, by using this module any customer can do some operations like create a new account, view the account information. Transfer amount from one account to other account and customer can also see the Transaction Reports. This module consists following functionality.

▪ **Create New Account:** By using this functionality user can create a new account in any bank by selecting bank name option.
▪ **View Account Information:** By using this functionality user view all his account details, this can be viewed by users who are having account in any bank.
▪ **Transfer Amount:** By using this functionality user can transfer money from his account to other accounts of same bank or other banks.

Reports:

In this module various reports will be generated like customer reports, Transaction reports etc.

Authentication:

Authentication is nothing but providing security to the system. Here every must enter into the system throw login page. The login page will restrict the UN authorized users. A user must provide his credential like user Id and password for log into the system. For that the system maintains data for all users. Whenever a user enters his user id and password, it checks in the database for user existence. If the user is exists he can be treated as a valid user. Otherwise the request will throw back.

INPUTS AND OUTPUTS

The major inputs and outputs and major functions of the system are follows:

Inputs:

- Admin enter his user id and password for login

- Admin Accept or reject the requests of Bankers and customers.

- Bank Admin enters his user id and password for login.

- Bank Admin can maintain the money transfer details of the customer.

- Customer can enter his details to create new account.

Outputs:

- Admin can get Bankers information.

- Bank Admin can get all the customers information in his bank.

- User can get their profile to update.

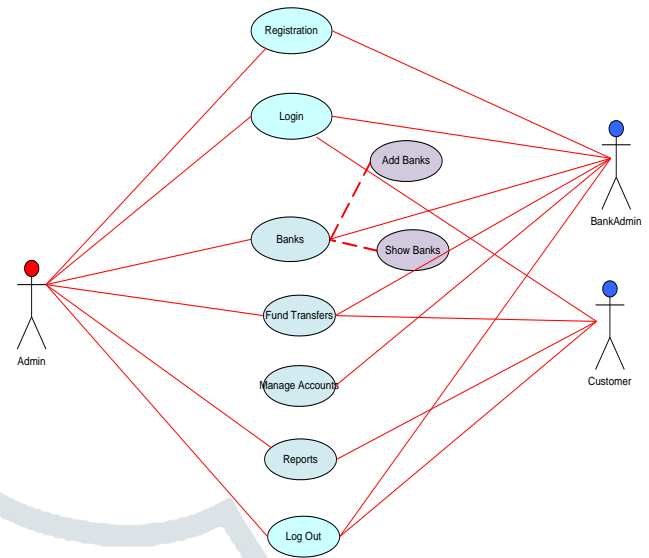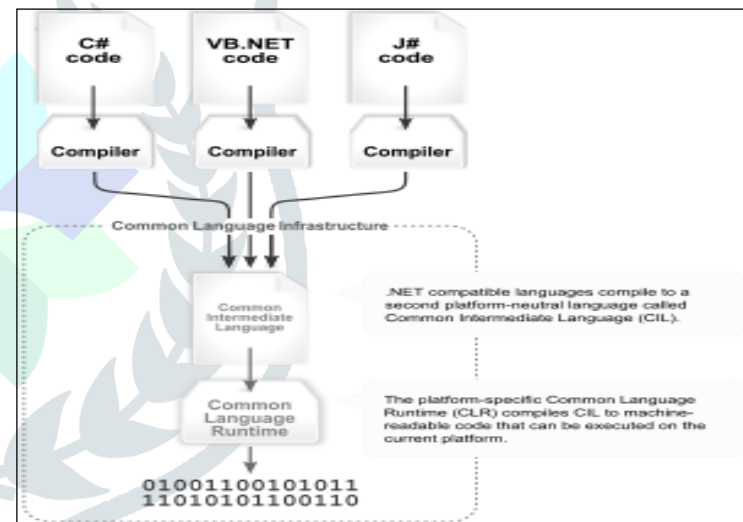- Generate customers report and transactions report.

3.SYSTEMDESIGN

Fig 3.1: Usecase

Architecture diagram
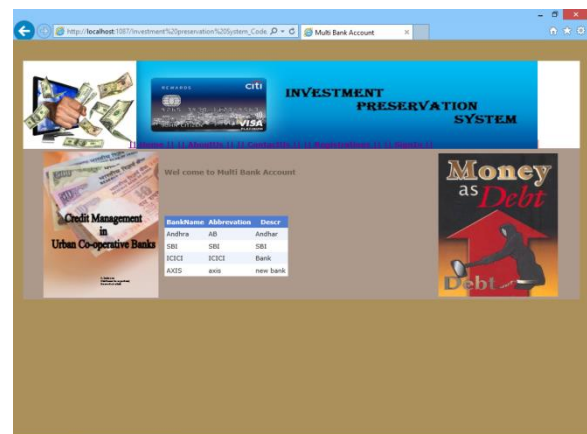
4. OUTPUT SCREEN SHOTS

Fig 4.1:Home Page

Fig4.2: Customer Registration Page

Fig 4.3: Admin Login Page

5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging Online application for the **Investment Preservation System**project.It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

BENEFITS:

The project is identified by the merits of the system offered to the user. The merits of this project are as follows

- It's a web-enabled project.

- This project offers user to enter the data through simple and interactive forms. This is very helpful for the client to enter the desired information through so much simplicity.

- The user is mainly more concerned about the validity of the data, whatever he is entering. There are checks on every stages of any new creation, data entry or updating so that the user cannot enter the invalid data, which can create problems at later date.

- Sometimes the user finds in the later stages of using project that he needs to update some of the information that he entered earlier. There are options for him by which he can update the records. Moreover there is restriction for his that he cannot change the primary data field. This keeps the validity of the data to longer extent.

- User is provided the option of monitoring the records he entered earlier. He can see the desired records with the variety of options provided by him.

- From every part of the project the user is provided with the links through framing so that he can go from one option of the project to other as per the requirement. This is bound to be simple and very friendly as per the user is concerned. That is, we can sat that the project is user friendly which is one of the primary concerns of any good project.

- Data storage and retrieval will become faster and easier to maintain because data is stored in a systematic manner and in a single database.

- Decision making process would be greatly enhanced because of faster processing of information since data collection from information available on computer takes much less time then manual system.

- Allocating of sample results becomes much faster because at a time the user can see the records of last years.

- Easier and faster data transfer through latest technology associated with the computer and communication.

- Through these features it will increase the efficiency, accuracy and transparency,

LIMITATIONS:

The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
Training for simple computer operations is necessary for the   users working on the system.

6. REFERENCES

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