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MULTI-BANK SYSTEM

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Abstract: The project title is "Multi Banking System" the 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. Multi-bank system is an innovative .Net web application. The main focus of the application is maintaining multiple bank accounts a user has. A person can have bank account in any number of banks. But it's hard to remember every bank logins. So we have developed a web application where a person can handle all his bank accounts in a secure manner.

Keywords: Admin, Manager, User, Bank accounts, Amount transaction.

I. INTRODUCTION

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.

II. EXISTING PROCESS

In existing system, the users need to log in to different online bank accounts to perform transactions. The process should be requiring many security issues. The net banking process can take more time. The online net banking process can allowed to sending transactions only bank timings.

Disadvantage

- It does not provide transactions from one bank to another bank.
- In this system separate account for each bank.
- To send transactions only within bank timings.
- Enormous amount of time consumption for recording all transaction.
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III. PROPOSED PROCESS

In proposed system can introduced multibank system. These application users can save their time and use all features that are available in the every bank. Transaction calculations and updating are maintained by admin and provide customer support for users. This system will act like a mediator between banks and users. Users can maintain single username and password and contact only one customer care service for any problems.

Advantage

- It provides transactions from one bank to another bank.
- It provides Single account from all banks.
- In this system to provide response for the queries related to the customers.
- In this system any time transactions through website.

- Efficient use of assets.

IV. DESIGN IN MULTI-BANK SYSTEM

A module is a separate unit of software or hardware. Typical characteristics of modular components include portability, which allows them to be used in a variety of systems, and interoperability, which allows them to function with the components of other systems. The term was first used in architecture. There are four module used in multi bank system but three module in main module.

1. Admin Module
2. Branch Managers Module
3. Customer Module
4. Reports Module

1. 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 functionalities.

- ◆ **Pending Bankers Requests:** By using this functionality Administrator can give access permeations to all bankers who are registered in this portal.
- ◆ **Pending User Requests:** By using this functionality Administrator can give access permeations to all users who are registered in this portal.

2. Branch Manager Module:

This module deals with all transactions 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 permeations to all customers of that bank. This module consists following functionalities.

- ◆ **List of Customers:** By using this functionality Bank admin can get their entire customers list and their details.
- ◆ **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.
- ◆ **Transfer Pending:** By using this functionality Bank admin can maintain money transfer details of customers.
- ◆ **Transfer Declines:** By using this functionality Bank admin can maintain money transfer rejected customer details.
- ◆ **New Accounts Pending:** By using this functionality Bank admin can maintain entire user details who are requesting for new account in that bank.

3. 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 functionalities.

- ◆ **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.
- ◆ **Transaction Reports:** By using this functionality user can get all his transaction reports like accepted transactions, rejected transactions and pending transactions.

4. Reports Module:

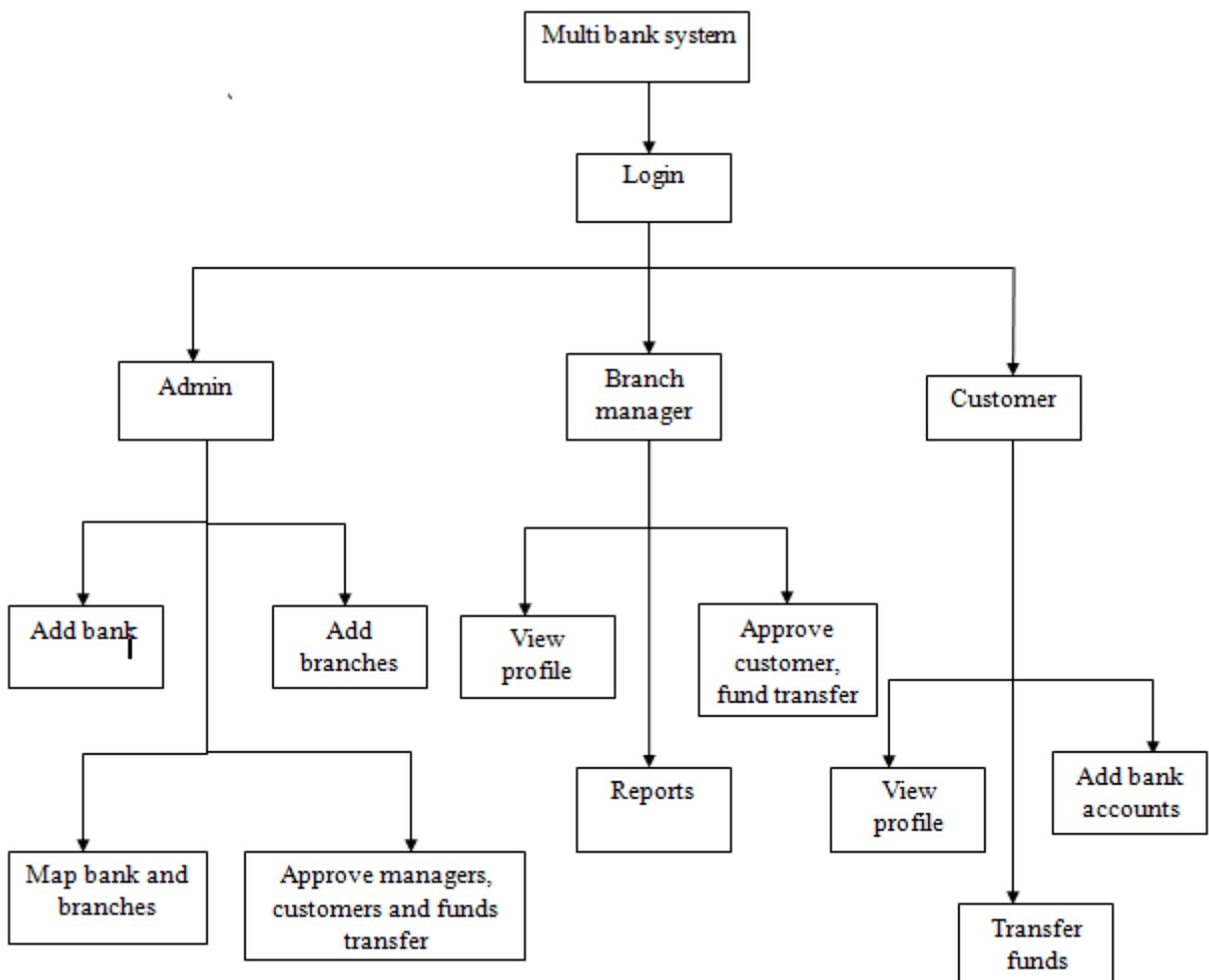
In this module administrator will get different types of reports regarding customers like Number of customers of this portal and no. of banks registered in this portal. This module is controlled by administrator only.

V. ARCHITECTURAL DIAGRAM

A system architecture or systems architecture is the conceptual model that defines the structure, behavior, and more views of a system. An architecture description is a formal description and representation of a system, organized in a way that supports reasoning about the structures and behaviors of the system. System architecture can comprise system components, the externally visible properties of those components, the relationships (e.g. the behavior) between them. It can provide a plan from which products can be procured, and systems developed, that will work together to implement the overall system. There have been efforts to formalize languages to describe system architecture; collectively these are called architecture description languages (ADLs).

Various organizations define process architecture in different ways, including:

- An allocated arrangement of physical elements which provides the design solution for a consumer product or life-cycle process intended to satisfy the requirements of the functional architecture and the requirements baseline.
- Architecture comprises the most important, pervasive, top-level, strategic inventions, decisions, and their associated rationales about the overall structure (i.e., essential elements and their relationships) and associated characteristics and behavior.
- If documented, it may include information such as a detailed inventory of current hardware, software and networking capabilities; a description of long-range plans and priorities for future purchases, and a plan for upgrading and/or replacing dated equipment and software
- The composite of the design architectures for products and their life-cycle processes.



ARCHITECTURAL DIAGRAMS

CONCLUSION

The project title is “Multibank System” is a web based application. Every day banks need to perform many activities related to users which needs huge infrastructure with more staff members etc. But the online banking system allows the banks to perform these activities in a simpler way without involving the employees for example consider online banking, mobile banking and ATM banking. Additionally the banking needs most security. Mainly all the transactions are manual work. So, the work makes time delay. In this system, the user can easily perform the money transaction within the place. Each and every transaction is send to user through message. There are two main modules such as admin and user modules. In admin module, the admin can maintain the user details and modify the details. In user module, the user can perform the money transaction through online. They can view

their account details using balance enquiry modules. The system was implemented by asp.net as front end and the back end is SQL Server 2008.

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FUTURE WORK

The future work for the multi level secure in bank is to impure the security.

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