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SRS FOR ONLINE BANKING APPLICATION

1.INTRODUCTION:

The purpose of this document is to present a detailed description of the Online Banking System. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, the constraints under which it must operate and how the system will react to external stimuli. This document is intended for both the stakeholders and the developers of the system and will be liable for the approval or disapproval of the project by the community of the Bank. An online banking system will be applicable everywhere, where banking exists. It will be more efficient and easier way to have a record on systems through which everyone can easily access it according tohis rights as compared to the traditional banking system. Every bank will prefer the online banking system instead of the traditional banking system as it contains many useful features and fastest methods for the transactScope.

1.1.Objective:

The main objective of the Online Banking System is to manage the detail of Accounts, Internet Banking, Transaction, Balance, Statement. It manages all the information about Accounts, Customer, Statement, Accounts. The Project is Totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the accounts, internet banking, customer, transaction.it tracks all the details about the transaction.it tracks all the details about the transaction, balance, statement.

1.2 Scope:

An online banking system will be applicable everywhere, where banking exists. It will be more efficient and easier way to have a record on systems through which everyone can easily access it according to his rights as compared to the traditional banking system as it contains many useful features and fastest methods for the transactions

2. OVERALL DESCRIPTION:

2.1 Functional Requirements:

Following are the services which this system will provide. These are the facilities and functions
required by the customer.

a) Online balance check.
b) Online shopping opportunity.
c) Online data entry by the staff.
d) Updating the data.
e) Balance transfer.
f) Check book Allotment

2.2. Hardware requirements

Hardware requirements include that hardware which is required for its working.
It includes:
a) Operating System: Windows10,89x/xp ,Windows ME.
b) Processor: i3 or above
c) RAM: 4GB or above
d) Hard Drive: 256 GB or above

2.3 Software requirements:

The technical specifications of requirements include that hardware for its working.
It includes:

a) Web server: Apache
b) Database server: MySQL
c) Internet browser: Google chrome or Mozilla Firefox

2.4 Project Function:

2.4.1 Login:

Customer logins by entering customer name & a login pin

2.4.2 Validation:

When a customer enters the ATM card, its validity must be ensured. Then customer is allowed to enter the valid PIN.
After validating the card, the validity of PIN must be ensured. If he/she fails to enter valid code for three times then the card will not be returned to him. That means the account can be locked. The counter for number of logins must be maintained.

2.4.3 Payment of Money:

A customer is allowed to enter the amount which he/she wishes to withdraw. If the entered amount is less than the available balance and if after withdraw if the minimum required balance is maintained then allow the transaction.

2.4.4 Transfer of Money:

The customer can deposit or transfer the desired amount of money.

2.4.5 Check the balance:

After logging in, if the user wants to check his balance he will have to click the balance check link. It will tell him his current balance of the account through which he is logged in.

2.5 Performance Requirements:
2.5.1 Security:

The banking system must be fully accessible to only authentic user

It should require pin for entry to a new environment.

2.5.2 Reliability:

The application should be highly reliable and it should generate all the updated information in correct order.

2.5.3 Availability:

Any information about the account should be quickly available from any computer to the authorized user. The previously visited customer's data must not be cleared.
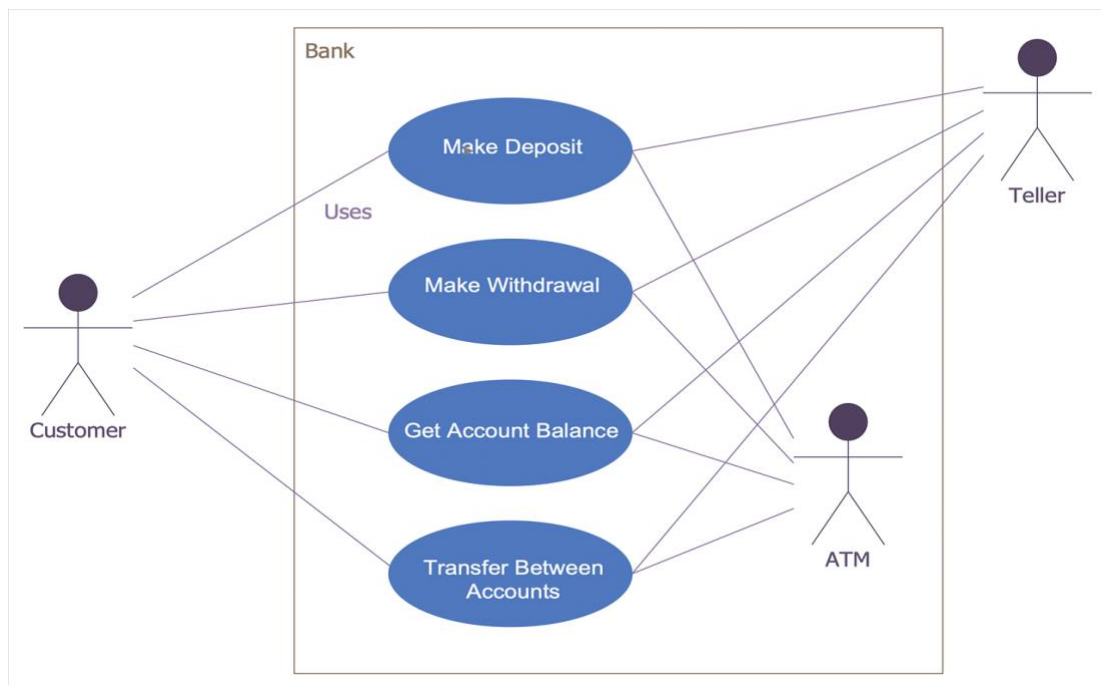
2.5.4 Maintainability:

The application should be maintainable in such a manner that if any new requirement occurs then it should be easily incorporated in an individual module.
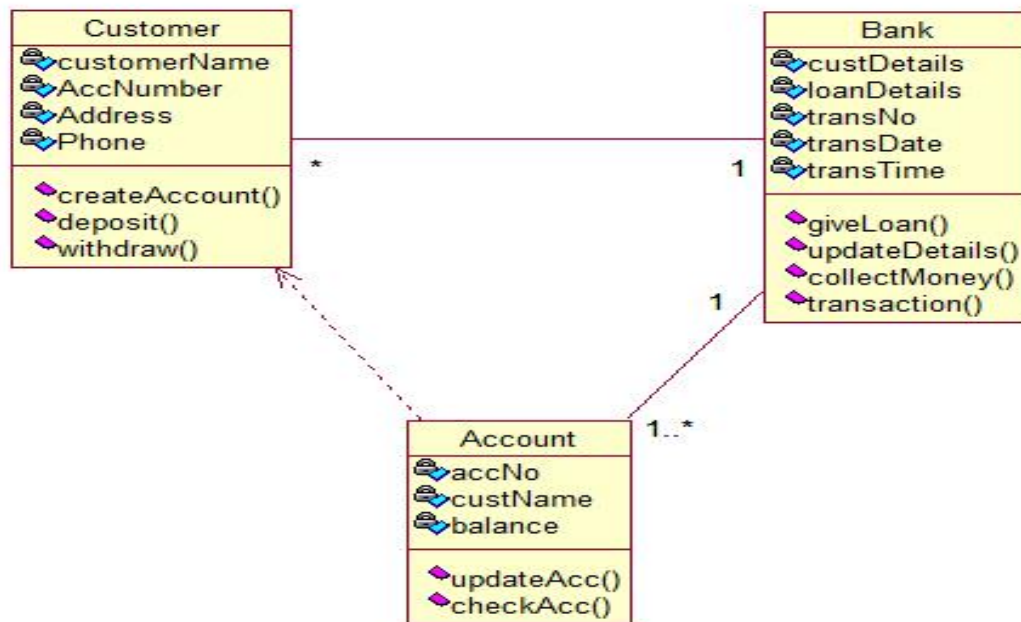
2.5.5 Portability: The application should be portable on any windows based system. It should not be machine specific.
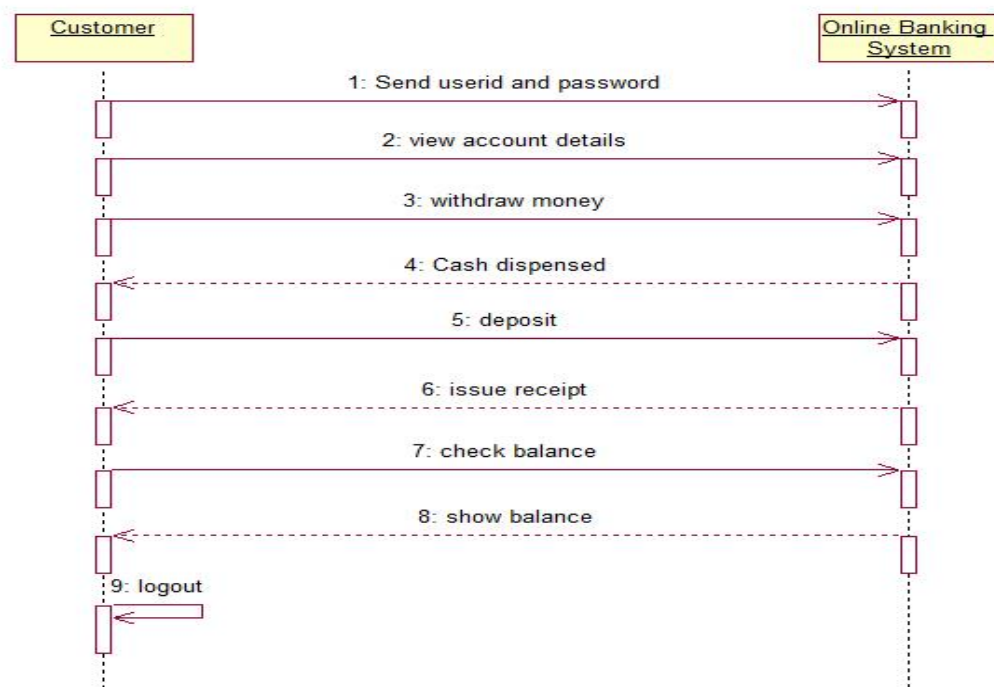
.3. DIAGRAM

3.1 Use case Diagram:

3.2 Class Diagram:

Customer
customerName
AccNumber
Address
Phone
createAccount()
deposit()
withdraw()

Bank
custDetails
loanDetails
transNo
transDate
transTime
giveLoan()
updateDetails()
collectMoney()
transaction()

Account
accNo
custName
balance
updateAcc()
checkAcc()

*   1

1

1...*

3.3 Sequence Diagram:

3.4 Component Diagram:

Customer

Webservice

Account
Details

Account
Statement

Funds
Transfer

Cheque
Transfer