SYSTEM DESIGN

MODULE DESCRIPTION

The web site will be used by three different types of users: customers, employees, and administrators. The web site will provide a different interface for each of the three types of users.

Customer interface

Account summary: This feature will allow a customer to view the information related to all the accounts that he/she holds with the bank. The information displayed will include the account ID, account type, balance, and status of all the accounts that the customer holds with the bank. The status of an account can be either activated or deactivated.

View statement: This feature will allow a customer to view the details of all transactions performed on any of their accounts held in the bank. To obtain this information, customers would be required to specify their account ID and the range of dates for which they want to view transactions.

Transfer funds: This feature will allow a customer to transfer money from any of their accounts to another account in Westside bank.

Request for cheque book: This feature will allow a customer to make a request for a cheque books. It will also allow a customer to view the status of all previous requests for cheque books.

Apply for loan: This feature will allow a customer to apply for a loan. Before applying for a loan, the user will be able to calculate the EMI for the loan. The feature also allows a customer to view the status of all previous loan requests.

Change password: This feature will allow customers to change their passwords.

Employee interface

Process loan requests: This feature will enable the employees to view loan requests submitted by customers. It will also enable an employee to either approve or reject a loan request. If the loan is rejected, the employee will be prompted to enter the reason for rejection.

Process cheque book requests: This feature will enable the employees to view all requests for cheque book made by customers. It will also enable an employee to specify whether a cheque book has been dispatched or not.

Change password: This feature will allow employees to change their passwords.

Administrator interface

Create users: This feature will allow an administrator to create new accounts for users and assign role to them. For example, after creating a login account for a customer, the administrator would be required to assign the customer role to the user. The user name and password will be sent to the customer through registered mail. In addition to creating login accounts for customers, these features will also allow an administrator to create login accounts for employees and others administrators.

Manage users: This feature will allow an administrator to manage users by performing tasks such as assigning roles to users and modifying user's information. The administrator will be able to modify information such as address and phone number of the user. In addition, the administrators will able to activate or deactivate a user login account.

Modify user accounts: This feature will allow the administrator to search for a user name and assign a unique customer ID to the user name. This customer ID will be obtained from the database that is maintained by the existing computerized system for the bank. In the existing database, each customer ID is assigned one or more bank accounts. When a customer ID is assigned to a user name, a person who logs in with this user name will be able to access all bank accounts for the specified customer ID.

Modify accounts information: This feature will allow the administrator to modify information, such as minimum balance and interest rate, for a specific type of account. It will also enable the administrator to add new type of accounts.

Modify loan information: This feature will allow the administrator to modify information such as down payment and interest rate, for a specific type of loan. It will also allow an administrator to add new type of loan.

Change password: This feature will allow administrators to change their passwords.

REQUIREMENTS ANALYSIS DOCUMENT

2.1 Functional Requirements

Customer can request details of the last ‘n’ number of transactions he has performed on any account.

Customer can make a funds transfer to another account in the same bank.

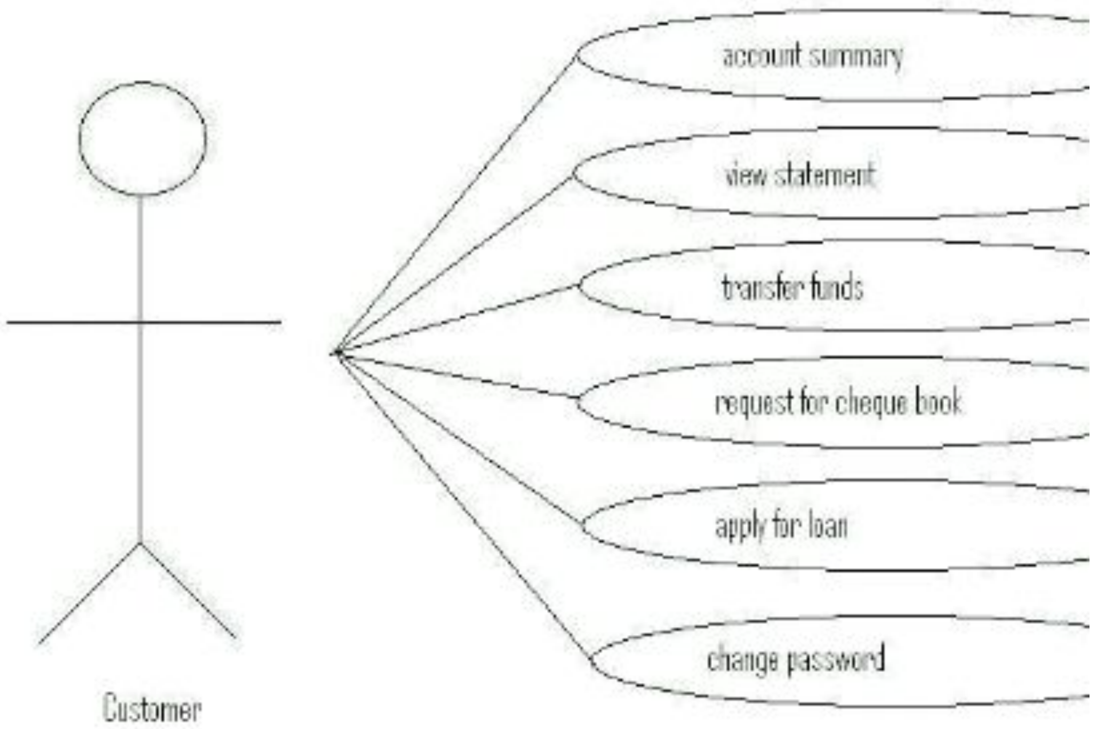
Customer can request for cheque book

Customer can view his monthly statement. She/he can also take print out of the same.

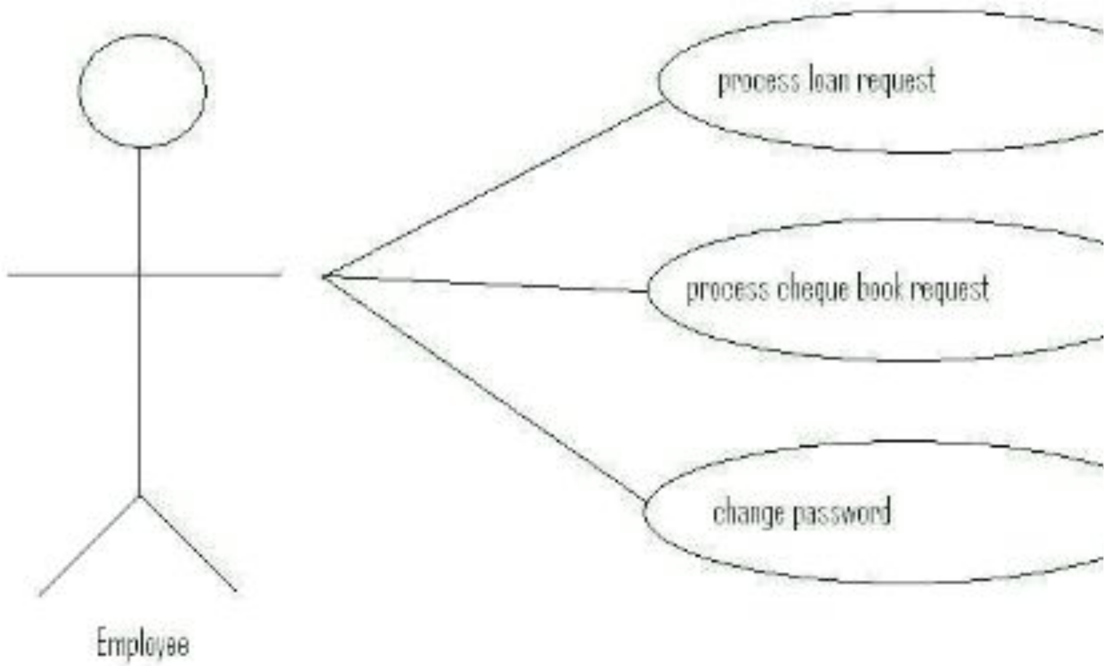
The system is providing balance enquiry facility.

USE-CASE DIAGRAM

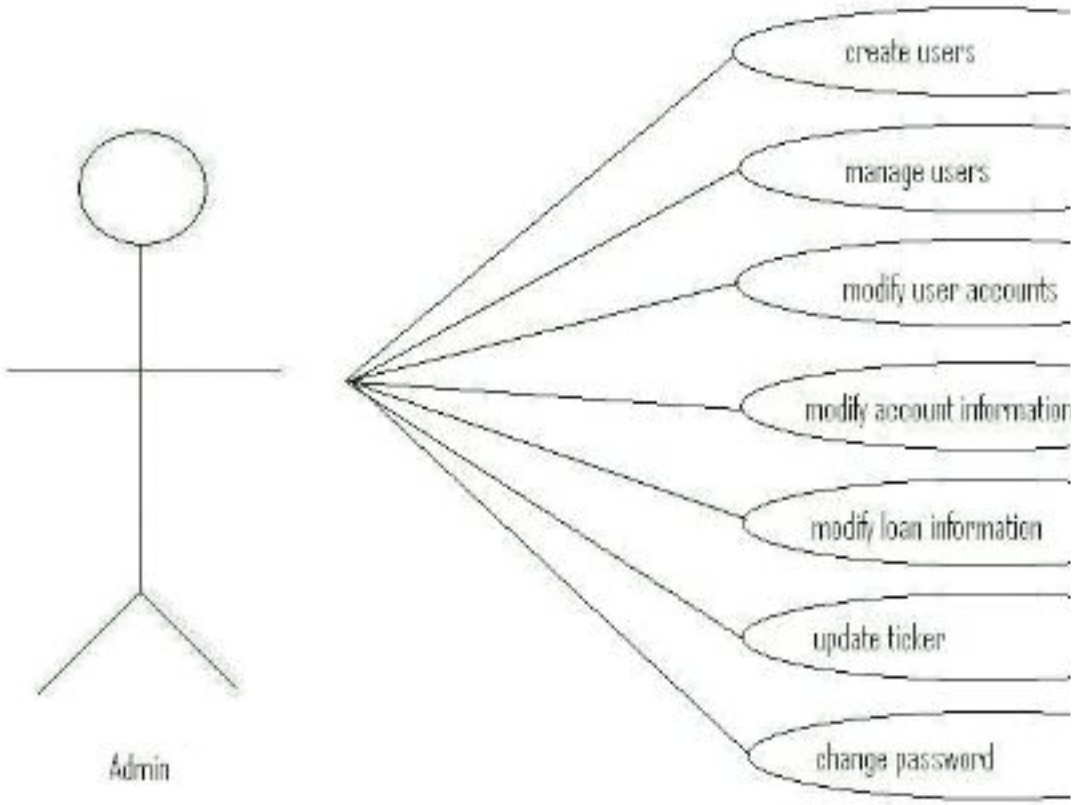
Customer:



Employee:


process loan request
process cheque book request
change password
Employee

Admin:


create users
manage users
modify user accounts
modify account informatior
modify loan information
update ticker
change password
Admin