

Week – 2

TEAM MEMBER (SELF)

Name : SONU KUMAR RAY

Phone No : +91 9967901030

Email-id : sonukumargarha8472@gmail.com

Week-2 Project Report on “BANK MANAGEMENT SYSTEM”

Problem Statement :

Develop a prototype of a **Banking Information System** in Core Java that provides a working preview of the key functionalities of a real banking system. The prototype should demonstrate the core features and flow of the system, showcasing its functionality and usability.

1. User Registration:

- **Form Creation:** Create a user registration form that prompts users to input their personal details, such as name, address, contact information, and initial deposit amount.
- **Output:** Upon successful registration, the system will generate a unique account number for the user, and the user's details will be stored in the system's memory or File System.
The output will be a confirmation message indicating successful registration.

2. Account Management:

- Form Creation: Develop an account management form that allows users to view and update their account information, such as name, address, contact details, and account settings.
- Output: After making any updates or changes, the system will display a confirmation message indicating that the account information has been successfully updated.

3. Deposit and Withdrawal:

- Form Creation: Design a form where users can enter the amount they wish to deposit or withdraw from their account.
- Output: Upon successful deposit or withdrawal transaction completion, the system will update the account balance accordingly and display a confirmation message indicating the transaction details, such as the transaction amount and the resulting balance.

4. Fund Transfer:

- Form Creation: Create a form that allows users to specify the recipient's account number and the amount they wish to transfer.
- After a successful fund transfer, the system will deduct the transferred amount from the sender's account, add it to the recipient's account, and display a confirmation message indicating the transaction details, including the transferred amount and the updated balances of both accounts.

5. Account Statements:

Output: Implement a feature that allows users to view their account statements, which will be displayed as a comprehensive list showing transaction history, including dates, transaction amounts, and resulting balances. Users can access their account statements through a designated section of the system's user interface.

Introduction

The “Bank Account Management System” project is a model Internet Banking Site. This site enables the customers to perform the basic banking transactions by sitting at their office or at homes through PC or laptop. The system provides the access to the customer to create an account, deposit/withdraw the cash from his account, also to view reports of all accounts present. The customers can access the banks website for viewing their Account details and perform the transactions on account as per their requirements. With Internet Banking, the brick and mortar structure of the traditional banking gets converted into a click and portal model, thereby giving a concept of virtual banking a real shape. Thus, today's banking is no longer confined to branches. E-banking facilitates banking transactions by customers round the clock globally.

The primary aim of this “Bank Account Management System” is to provide an improved design methodology, which envisages the future expansion, and modification, which is necessary for a core sector like banking. This necessitates the design to be expandable and modifiable and so a modular approach is used in developing the application software.

Anybody who is an Account holder in this bank can become a member of Bank Account Management System. He has to fill a form with his personal details and Account Number. Bank is the place where customers feel the sense of safety for their property. In the bank, customers deposit and withdraw their money. Transaction of money also is a part where customer takes shelter of the bank. Now to keep the belief and trust of customers, there is the positive need for management of the bank, which can handle all this with comfort and ease. Smooth and efficient management affects the satisfaction of the customers and staff members, indirectly. And of course, it encourages management committee in taking some needed decision for future enhancement of the bank.

Now a day's, managing a bank is tedious job up to certain limit. So software that reduces the work is essential. Also, today's world is a genuine computer world and is getting faster and faster day-by-day. Thus, considering above necessities, the software for bank management has become necessary which would be useful in managing the bank more efficiently.

All transactions are carried out online by transferring from accounts in the same Bank or international bank. The software is meant to overcome the drawbacks of the manual system.

Abstract

The Bank Account Management System is an application for maintaining a person's account in a bank. In this project I tried to show the working of a banking account system and cover the basic functionality of a Bank Account Management System. To develop a project for solving financial applications of a customer in banking environment in order to nurture the needs of an end banking user by providing various ways to perform banking tasks. Also, to enable the user's work space to have additional functionalities which are not provided under a conventional banking project.

The Bank Account Management System undertaken as a project is based on relevant technologies. The main aim of this project is to develop software for Bank Account Management System. This project has been developed to carry out the processes easily and quickly, which is not possible with the manual systems, which are overcome by this software. This project is developed using Java language. Creating and managing requirements is a challenge of IT, systems and product development projects or indeed for any activity where you have to manage a contractual relationship. Organization need to effectively define and manage requirements to ensure they are meeting needs of the customer, while proving compliance and staying on the schedule and within budget.

The impact of a poorly expressed requirement can bring a business out of compliance or even cause injury or death. Requirements definition and management is an activity that can deliver a high, fast return on investment. The project analyzes the system requirements and then comes up with the requirements specifications. It studies other related systems and then come up with system specifications. The system is then designed in accordance with specifications to satisfy the requirements. The system design is then implemented with Java. The system is designed as an interactive and content management system. The content management system deals with data entry, validation confirm and updating while the interactive system deals with system interaction with the administration and users. Thus, above features of this project will save transaction time and therefore increase the efficiency of the system

AIM of this project

The main aim of designing and developing this Internet banking System Java primarily based Engineering project is to provide secure and efficient net banking facilities to the banking customers over the internet. Apache Server Pages, MYSQL database used to develop this bank application where all banking customers can login through the secured web page by their account login id and password. Users will have all options and features in that application like get money from western union, money transfer to others, and send cash or money to inter banking as well as other banking customers by simply adding them as payees.

Upto now I did in the week 2 . and I m working on my project very Sincerely.

Thanking you all for providing me the opportunities.

SONU KUMAR RAY

Candidate