Report

On

Banking Management System

HARMAN C++ Batch 5

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Business Requirements Specification (BRS)

Background of the project

➢ The Project Banking Management system is a system where it keeps the record of a customer, account details and transaction details. Banking system, established in the year 2022. It provides many operations and render services that help people communicate in an easy, efficient and friendly way.

➢ Helps to reduce the time for the customer to do transactions.

➢ This Project is aimed to provide a customer to choose the type of account-Savings or Current (SB/CB), deposits, withdrawal of money etc.

➢ The online Banking system provides an online website with the account holder information for convenience of a customer.

➢ Maintains the account holder database with their day to day transactions and data will be more secured with the layer of security of authentication and authorization.

➢ Banking Management system is a very technology dependent and more user-friendly services are provided to the account holder and the deposits/withdrawal takes place smoothly.

Goals of project

➢ The system manages Account holder's information with their transaction details.

> It wants to give a complete solution for customers where in time will be saved and work becomes easier.

> More security will be provided for the customers and their account information will be secured, where only the account holder can login with the user id and retrieve the account details.

> Providing an user-friendly interface to handle their bank account details in a much better way.

> The main aim of this project is to reduce the stress level of the customer by providing then a better services. Data will be secured accurately.

> The deposit/withdrawal of money by a customer take place in a single step process where one can choose their option and also balance amount in an account can be retrieved.

- The mail Goals are:

    1. To increase account holders.
    2. Provide various services to the customer in online like:
        → Deposit of Amount
        → Withdrawal of Amount
        → View plans for Deposit-Fixed/Recurring (FD/RD)
        → Balance Inquiry
        → Modify an account anytime
        → Helpline services
    3. Maintains account holder's transaction details.

Problem Statement

Customers have to spend a lot of time in the existing system, where there is less security for an account holder. It requires more physical work and manpower. All the details of the account holder like account no, type of account, transaction details etc. will be entered manually in case of existing system.

- So, to overcome all these issues, our Banking management system has decided to transform legacy system to online system to enhance the profitability.

Solution / Proposed System

- The Proposed system will be a database-driven website where services will display on webpage and will be stored in a database.

- The solution to above problem is a system is designed in such a way, where the user has to login and they will be given rights to choose an account type, transaction type i.e. withdrawal or deposit of amount.

- Account holder can retrieve their transaction details, balance can be enquired with the balance enquire option which is given to the customer.

- The customer can select various plans for deposits/Loans, prepaid, post-paid services, bill payment etc. from the menu given and data stored in the database will be displayed.

- From this system, customers time will be saved and decision making will be easier and services will be provided effectively.

Users of project

➢ **Bank Computer system**

The system provides services to the customer to manage their bank account.

➢ **Customer**

The customer will login with the user id and will be provided services and get the account information after creation   of account.

Requirements

Hardware Requirements

- Processor: Intel 5 System

- Speed: 250 to 833 MHz

- Storage space

Software Requirements

- CodeBlocks

- Xampp Server

- MySQL

Problem Handling

- This process is responsible for providing customers bank account details.

- It will receive the customer problems reports, then it will provide solution over them and achieve customer satisfaction.

- They are also responsible for customer support in relation to any service-affecting problems detected by the resources or through analysis, including easier access for the customer about their account details.

- Track Account holder details with their transactions.

- Report Customer Problem

- Track & Manage Customer Problem

- Close Customer Problem Report

- Balance Inquiry

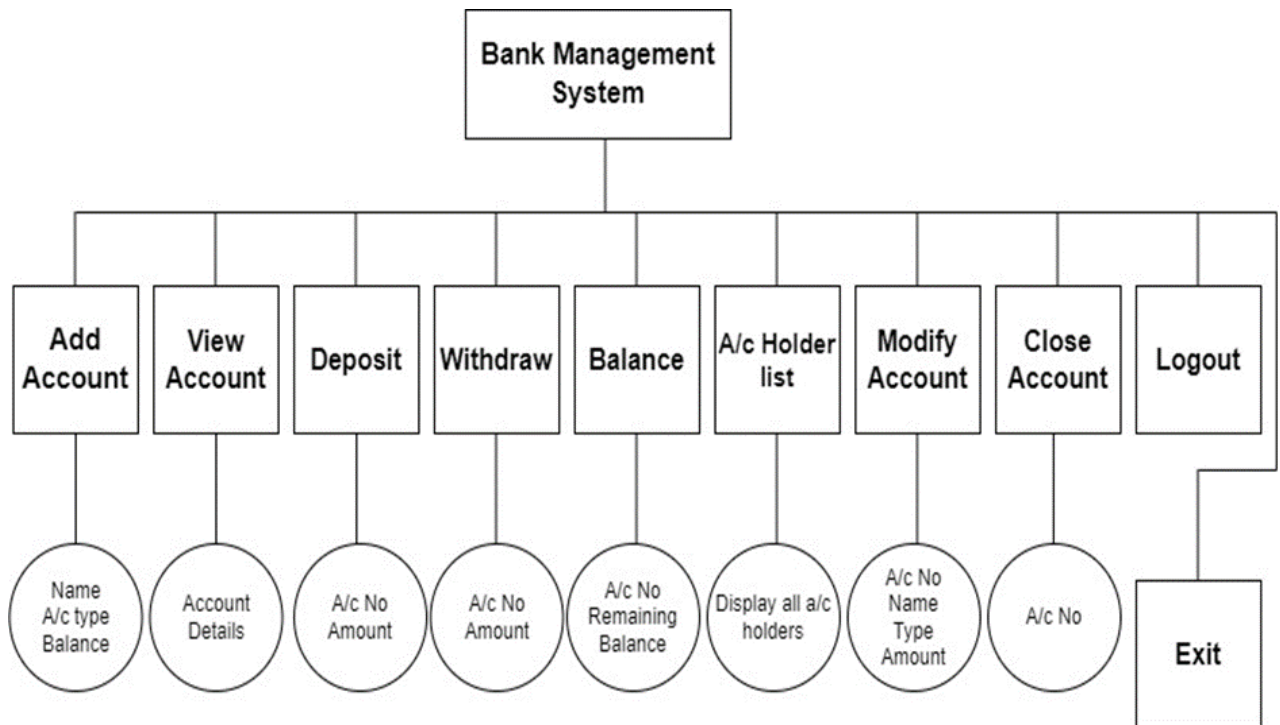- Create Customer Problem Report

DATABASE Design

1. Banks

Banks
UID
UName
Utype
BAL_AMT

2. Transhis

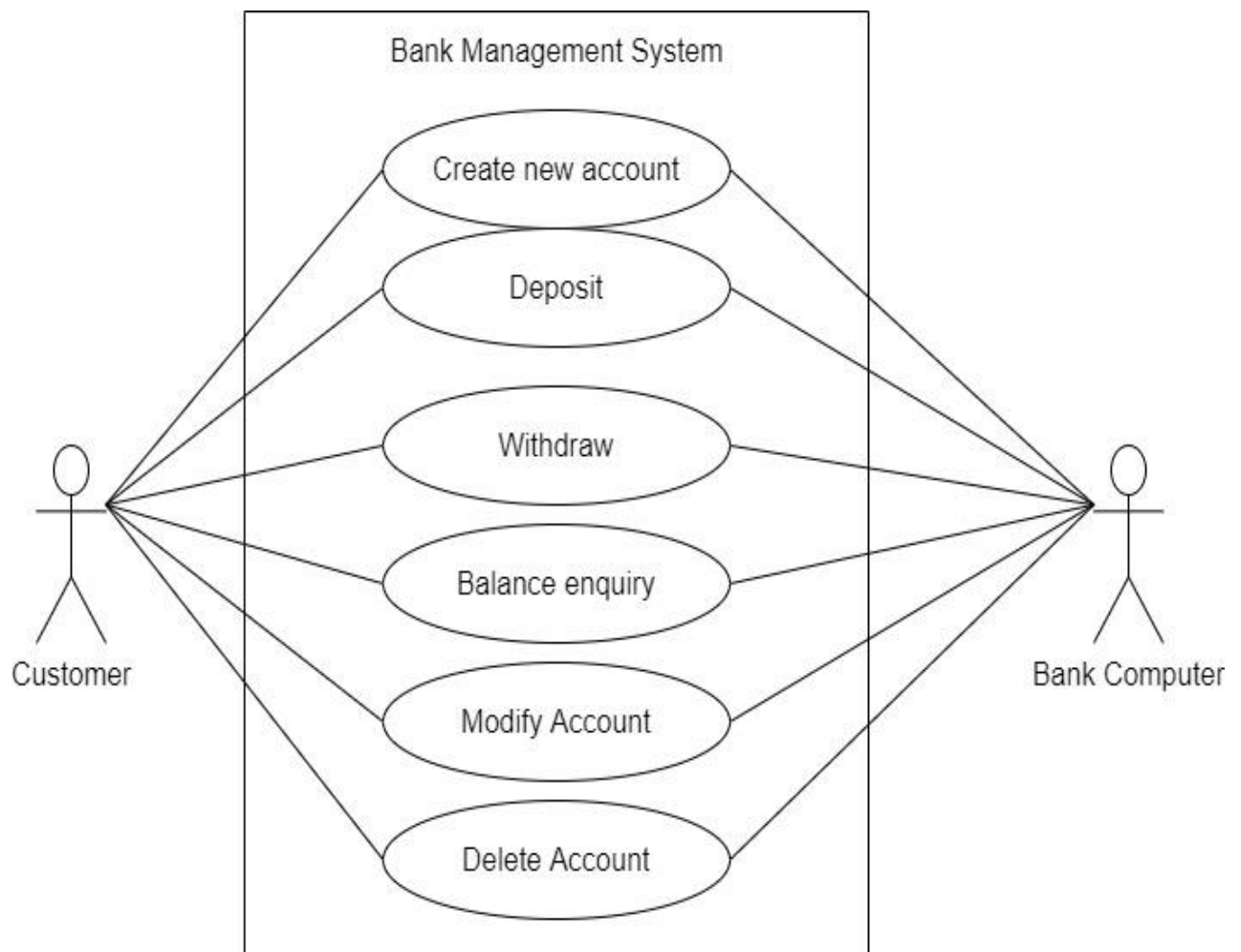| Transhis |
| --- |
| UID |
| TID |
| TAMT |
| TSTATUS |
| TDATE |

Architecture diagram

UML Diagram

1. Class Diagram
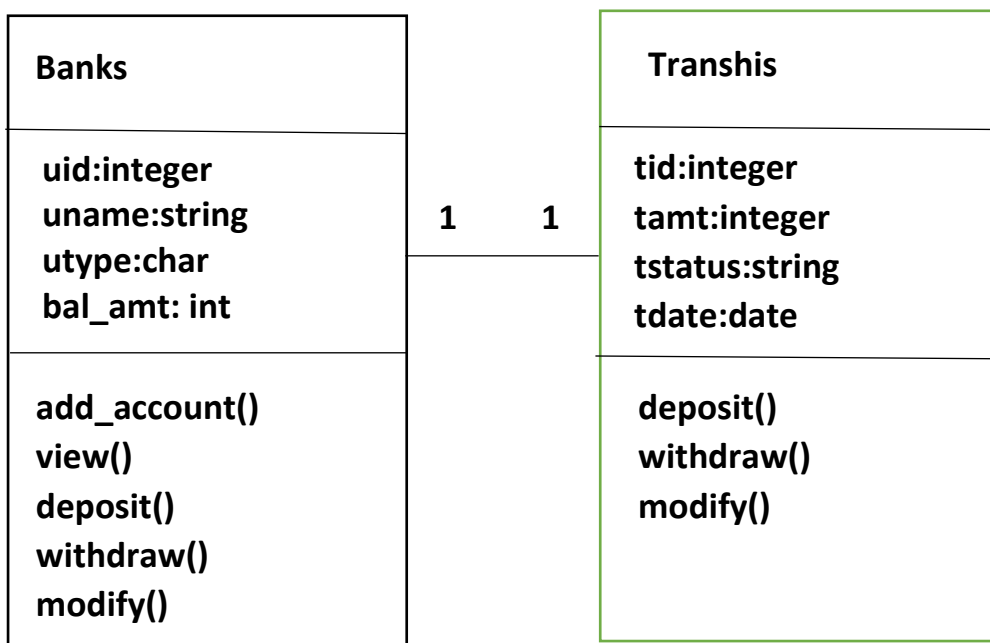
Use Case Diagram

Release Notes

Banking Management system

1. INTRODUCTION

- The bank management system is a program that keeps track of a client's bank account. This demonstrates the operation of a banking account system and covers the essential functions of bank management software.

- It resolves a customer's financial applications in a banking environment to meet the needs of an end banking user by providing multiple ways to complete banking chores.

- Users have various options in our system like withdrawal or Deposit amount, one can choose the type of accounts like savings, current account etc. Account information of an account holder can be retrieved easier in our banking system.

2. COMPATIBLE PRODUCTS

This project has been tested on the Windows OS platforms.

3. UPGRADES

- In today's time customers are facing a major issue, to overcome this our Banking system has various solutions. People often have to spend more time looking for various modes of transactions, choosing an account and so on. But from our system, they can get their work done in a short amount of time.

- The online banking system will enhance the profitability.

- The system provides the user login where the user can login and register to the website. Once you login with login id, the user has an access to choose the banking options. If any changes is there, our banking system has given the right to the user to do the changes.

- This project is developed as a database-driven web sites which provides various benefits like:

  4. Provides various services to the customer in online like:
  - ✓ Create new account of customer's choice- SB/CB
  - ✓ Deposits or Withdrawal
  - ✓ Bill payments
  - ✓ Helpline services
  - ✓ Manages Account information for further services.

✓ Maintains Account holder records.
✓ Multiple options provided.

4. NEW FEATURES

- This project is a database-driven site where services are displayed on webpage and stored in a database. Typically, new services would pull from the database and displayed on the homepage daily.

- The Account holder can be given new services in the future and can select various plans on loans, Insurance, pf etc from the menus given and prices stored in the database is displayed.

- Multiple Account details can be obtained.