**Bank Management System**

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**Object Oriented Software Engineering**

The candidate confirms that the work submitted is their own and appropriate credit has been given where reference has been made to the work of others.



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**Bank Management System Project Proposal**

The bank management system project proposal states the solution and the problems faced by bank management. It should contain the project objectives, scope, and description.

**Project Description**:

The Bank Management System (BMS) is a web-based tool that is used to reimburse financial institutions for services rendered to the Bureau of the Fiscal Service. In addition, BMS provides analytical tools for reviewing and approving salaries, budgets, and outflows.

**Project Objectives**:

The goal of the bank management system project is to create an organic and optimal software of interaction between the various banking components. This is to maximize the profit of the banking mechanism. The implementation of competent bank management procedures is significantly responsible for the successful optimization of the bank’s productivity and activities.  
  
The project’s main goal is to create an online banking system for banks. All banking work is done manually in the current system. To withdraw or deposit money, the user must go to the bank. Today, it is also hard to find account information for people who have accounts in the banking system.

**Project Scope:**

Depending on the bank’s policies, bank personnel and/or customers can utilize the Banking Management System. It can be utilized by multiple employees at the same time if they have the necessary permissions. Any web browser with a graphical interface can be used to access it.

**Objects, Attributes and Methods:**

Some of the possible Objects, Attributes and their methods along with their behavior are as follows for the bank management system.

**Objects:**

1. Bank
2. Branch of bank
3. Customer
4. Manager
5. Accountant
6. Cashier
7. Head-Department
8. Bank Advisor
9. Security Manger/
10. Guidance
11. Complain Department
12. Loan Department
13. ATM Service
14. Bank Account
15. Bank Database

**Attributes**:

**Accountant:**

Bank accountants oversee daily transactions in order to be certain that books balance at the end of the day

* Accountant Name
* Accountant ID
* Accountant number
* Account Age
* Accountant Service

**Behavior:**

* Prepare Payment
* Examine Customer Record
* Prepare Reports
* Add Accounts
* Edit Accounts
* Delete Accounts

**Marketing Office**:

Marketing officer is a top-level position in banks, employers may prefer that they have five or more years of experience in marketing or bank marketing.

* Marketing Officer Name
* Marketing Officer ID
* Marketing Officer Service
* Marketing Office Address

**Behavior:**

* Involves advertisements activities
* advertising budgets
* Advertising advert agencies.
* increase sales
* attract new consumers

**Loan:**

A loan is a form of debt incurred by an individual or other entity.

* Loan No
* Loan Amount
* Loan Type

**Behavior:**

* Add Loan
* Update

**Maintenance:**

**Behavior:**

* identify waste
* Fix bugs
* Update Security