***BUBT***

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**Project On A Bank Management System**

**Submitted To:**

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***PROJECT PROPOSAL***

**Introduction of the Project:**

Bank management system governs a variety of concerns associated with a bank’s efforts to render services and maximize profits. The Bank Account Management System is a **desktop-based project**for maintaining a person's account in a bank.

A Bank is a primer body is sources of money storage where we can deposit the money when we not much needed and can withdraw whenever require. In Bank, we can issue cheque or draft which are other way of transacting the money from one source to other.

In this project, we 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 workspace 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 manuals systems, which are overcome by this software. This project can be developed using PHP, HTML language and MYSQL use for database connection. 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 MYSQL. The system is designed as an interactive and content management system. The content management system deals with data entry, validation confirm and updating whiles 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

In this project, we use **C# and SQL** database to complete the project. The activities of“Bank Management System” has been designed to computerized some functions of the system that will be efficient and user friendly.

**Motivation & Objectives:**

Motivation:

The project aims to develop a system is for any type of document but nothing particular. This system is revolutionary to document processing. The uniqueness is being desktop based offline application and for general-purpose. This system available in a single computer. But it’s database can be access through local area network if database in a server computer. This system is developing by .Net Framework which followed the code first approach. To develop a database system which can easily store, retrieve and update data .

The **Objectives** of bank management system are:

1. Main Goals:

* Our motto is to develop a program for managing the entire bank process related to Administration accounts customer accounts and to keep each every track about their property and their various transaction processes efficiently.
* Hereby, our main objective is the customer’s satisfaction considering today’s faster in the world.

2. Customer Satisfaction:

* Client can do his operations comfortably without any risk or losing of information.
* Our project will perform and fulfill all the tasks that any customer would desire.

3. Saving Customer Time:

* Client doesn't need to handle the transaction calculation that he/she deposit or withdraw.

4. Protecting The Customer:

* It helps the customer to be satisfied and comfortable in his choices, this protection contains customer’s account, money and his privacy.

**Features:**

These features must exist on the project:

1. **Login:** Account holders/Manager of the system can login in to the system using this module. Thus this is the secured login page for the management.

2. **Create New Account:** This module receives the customer profile details and the bank account details with the proof or presence of the ownership of the bank account.

3.**Search:** Whenever Bank management or customer need to know any kind of information,can search and find the exact data.

4. **Transactions:** This module displays the transactions made basis on the individual customer in the particular date with the transaction details.

5.**Fixed Deposit Function:**Deposition should be done each time the customer deposits a particular amount of an account.

6.**Withdraw:**Using this module user can withdraw a particular amount.

7.**Logout:**After collecting/modifying data user need to logout to close the management system.

And we can add the features further:

* User(each customer) registration with their own passward for banking system.
* Adding Beneficiary account of customer.Beneficiary is a person who receives money. Here the customer can add the beneficiaries to make fund transfer in the future.
* Transferring amount to the customer account number.
* Admin must approve the user account activation before it can be used and transferring funds, view statement history.
* Customer gets to know his last login date and time each time he logs in.
* Management can check their customer account statement within a date range.
* Administrative Controlsystem where Admin can add/edit/delete customer accounts.
* Admin can change their password.
* Admin Login pages are hidden for security purpose.
* Passwords are stored as encrypted hashes with an additional random salt for added security.
* Report or details for facing problems in any account.

**Conclusion:**

This project is developed to nurture the needs of a user in a banking sector by embedding all the tasks of transactions taking place in a bank.Future version of this database system will still be much enhanced than the current system. Thus the system is developed and executed successfully.