

# ***PROJECT REPORT***

## ***BANKING APPLICATION***

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# **Acknowledgement**

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# **Abstract**

This project aims at creation of a secure Internet banking system. This will be accessible to all customers who have a valid User Id and Password. This is an approach to provide an opportunity to the customers to have some important transactions to be done from where they are at present without moving to bank. In this project we are going to deal the existing facts in the bank i.e.; the transactions which takes place between customer and bank. We provide a real time environment for the existing system in the bank. We deal in the method transaction in the bank can be made faster and easier that is our project is an internet based computerized approach towards banking.

The **BANKING APPLICATION** taken as project is based on relevant technologies .The main aim of this project is to develop software for bank management system. This project has been developed to carry out the processes easily & quickly, which is not possible with the manual systems, which are overcome by this software. This project is developed using C++ language& hence it provides the complete solution for the current management system.

# **Introduction of the project**

## **1. Project objectives**

- To allow only authorized user to access various function & processes available in the system.
- Reduce clerical work as most of the work is done by the computer.
- Provide greater speed & reduced time consumption.

## **2. Project Benefits**

- Access to privilege banking zone
- Dedicated relationship manager
- Facility to link with current account
- Anywhere banking with higher limits

## **3. Project Scope**

Banking activities are considered to be the life blood of the National Economy. Without banking services , trading & business activities can not be carried on smoothly. Banks are the distributors & protectors of liquid capital which is of vital significance to a developing country.

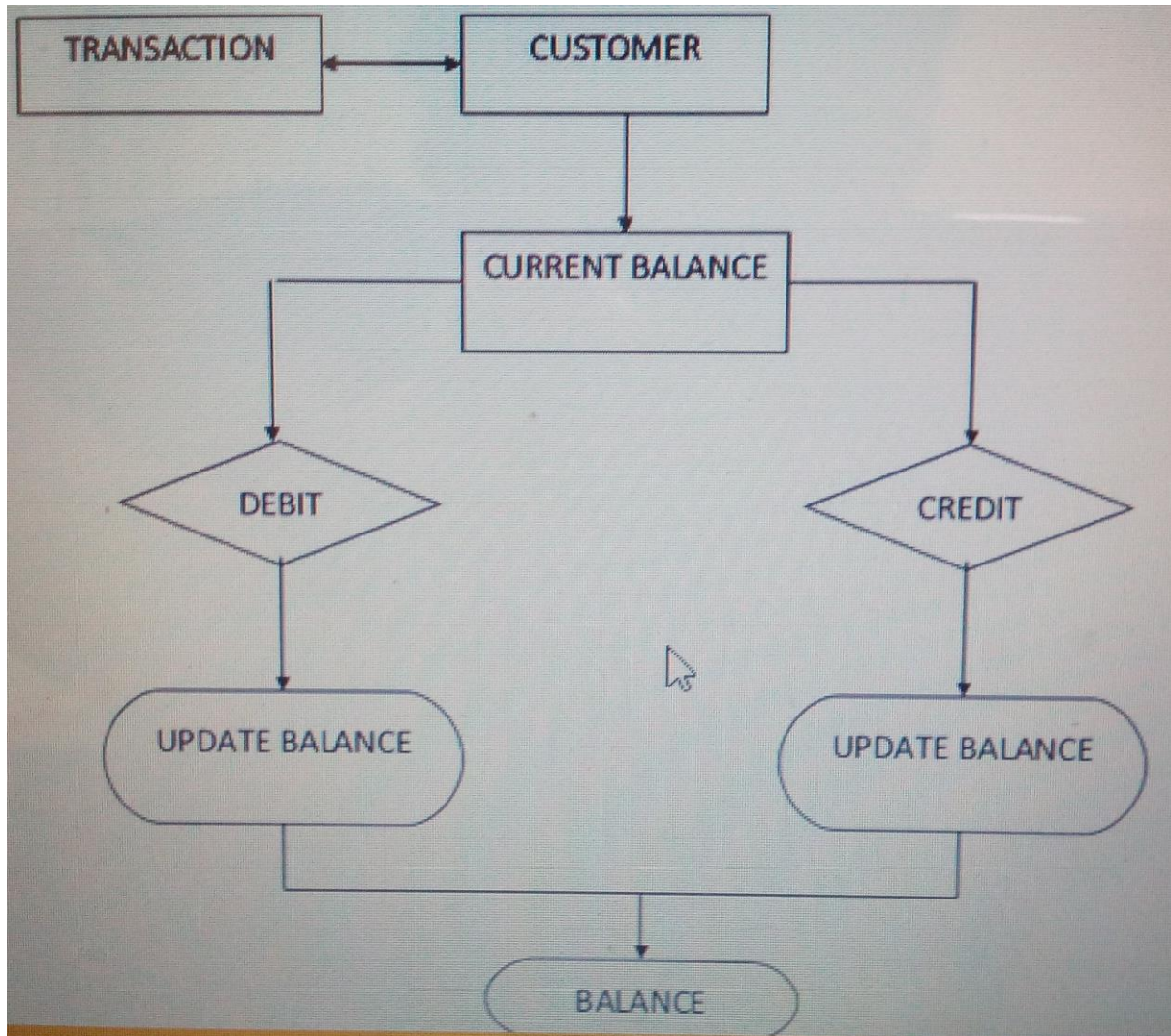
Efficient administration of the banking system helps in the economic growth of the Nation. Banking is useful to trade & commerce.

## *Design Principle*

The application has to have a strong file management system along with a set of functions so as to make a user friendly interface in which various tasks can be performed such as modification, transaction, deletion etc. of an account.

Since it is a basic application, it does not venture into the fields of giving out loans or transfers. We tried to create a basic interface which could be used as a small level basic bank.

## Flow chart for a simple Transaction



## **Testing & debugging**

Testing is a process of executing the program with the intent of finding errors & it establishes confidence that the program does what it is supposed to do .

We tested the code several times and removed the errors. We found several errors in file handling. Operating different variables of class through data files was bit difficult, but at last we were able to operate all the functions of class and external functions also. Some other mistakes also cropped up while testing.

## **Conclusion**

We have made a successfully working basic banking application project that is very easy to understand and user friendly. We have also covered almost all the operations that have to be included in a basic banking system. we have provided the user many options including that of transactions and modification in an existing record. We have also defined a constraint for minimum balance required to be kept in a running account and a constraint for a maximum transaction amount that is considered valid by the system. The application uses a .dat file to store data. The application requires Linux base and can be run in terminal only.

## **References:-**

### **1. *System Analysis & Design***

Elias M. Awad (Galgotia publication)

### **2. *Google.com***

### **3. *Slideshare.net***