

# Bank Management System

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**Abstract:** Bank Management System project is written in Python. The project file contains a python script (main.py) and a database file. This is a simple console based system which is very easy to understand and use. Talking about the system, it contains all the basic functions which include creating a new account, view account holders record, withdraws and deposit amount, balance inquiry, closing an account and edit account details. It is too easy to use, he/she can check the total bank account records easily.

**Keywords:** Bank Management, Manpower, Python.

## INTRODUCTION

Thousands of bank performs millions of transactions every day and thousands of users used banking system in day to day life. As we know that if number of users increases us need more banks and more staff it means increasing manual work also we put more amount of money in bank it is more risky and not much secure.

If we developed advanced computerized based banking system so there is no need to open more branches as well the manpower is reduce and maximum information are stored automatically in banking server.

Banking system requires authenticity and validity if a system provides these basic logics that mean we can developed a new system that authenticate and validate the user and user can do any type of virtual transaction any time anywhere in minimum amount of time. One of the most authentic odes i.e. the customer account number for recognition of any person.

It always appear on and credit, withdraw, money transferring, linking aadhar with account and changing the account location in one branch to another branch in same bank. Day to day life banking system is most useful and important thing in economical world and which is very useful to develop country as well as economic power.

## LITERATURE SURVEY

I read Journal in 2012 written by Tenkasi Taluk & Devasena, S Valli in that journal they are trying to Tell about how banking system works in the real life and also their importance in the world. And in 2014, prema sherma Bamoria conducted a study to find the issues faced by banks while doing some transactions. So I decided to do a project on banking application without getting any problems during transactions done by customers.

Reference links: [thefinancialbrand.com](http://thefinancialbrand.com), [www.managementstudyguide.com](http://www.managementstudyguide.com), [www.omicsonline.org](http://www.omicsonline.org)

### About Existing System

If I talk about existing banking system, it contains all basic functions which include creating new account, view account holders list, withdraws and deposit amount, balance enquiry, closing an account and edit the details about the customer account details etc.,

### Drawbacks

The drawbacks about the banking system is the procedure of work is slow and sometimes very slow when a lots of customers using the bank application at a time and they will use some programming languages to maintain which data processing is low.

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## PROPOSED SYSTEM

Here I am doing project on banking management system but it is already developed so I would like to add some more features for banking application to make it more attractive more usable. The features like displaying all the details about the account holder once you enter his/her phone number.

### Advantages

Advantages about my proposed system is that will work efficiently and it will work with high process speed to retrieve data from the database without having any delay.

Requirements:

SOFTWARES: any one of the following.

1. Windows xp
2. Python idle
3. Jupiter notebook
4. Anaconda
5. Pycharm
6. Eclipse

### Hardware

Personal computer.

We have 3 Modules....

1. PICKLE
2. PATHLIB
3. OS

### Pickle

It is used in serializing and de-serializing a Python object structure. Any object in python can be pickled so that it can be saved on disk. What pickle does is that it "serializes" the object first before writing it to file. Pickling is a way to convert a python object (list, dict, etc.) into a character stream.

### Pathlib

This module offers classes representing file system paths with semantics appropriate for different operating systems. Path classes are divided between pure paths, which provide purely computational operations without I/O, which inherit from pure paths but also provide I/O operations.

OS: The OS module in Python provides a way of using operating system dependent functionality. The functions that the OS module provides allows you to interface with the underlying operating system that python is running on.

## CONCLUSIONS

Bank Management system is a virtualization of transactions in a banking system. The banking system is used in manual working but when we used in online banking system it is totally virtualization process which avoid manual process and converts into automatic process. If a user can use bank management system it is available any were also link aadhar with account change branch location easily. Bank management system saves the time with accuracy them manual system.

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