**ABSTRACT**

**AIM:**

The aim of our project was to explore new avenues in computing

Like the distributed systems along with traditional concepts like OOPS

And networking.

**SCOPE:**

This project aspires to be a simulation of sorts for a Network Bank in the near future.

If coupled with appropriate hardware this system can be turned into ATM software.

**FEATURES:**

* + Client-Server Model based on sockets and ports.
  + Multithreaded Server having Microsoft Database.
  + Intermediate Administrator for deposits.
  + Client Side is platform Independent

**MODUELS**

This project Consist of three modules.

1) Server Module

2) Intermediate Administrator

3) Client Module

Modules Description:

1. Server:

The Following are the Server side Functionalities.

* Account Creation, Deletion, Updation.
* View Account, Reports, Account Logs.
* Client Authentication.
* Client Monitoring.
* Centralized Data Processing.
* Creation of Account Logs

1. Intermediate Administrator

* Privilege to Deposit.
* Can check Account Status.

3) Client

The Following are the Client side Functionalities.

* Withdraw and Transfer Money.
* View Account, Account Logs.
* Change PIN, Passwords.

**HARDWARE SPECIFICATIONS**

**HARDWARE REQUIREMENTS:**

* PIV 2.8 GHz Processor and Above
* RAM 512MB and Above
* HDD 20 GB Hard Disk Space and Above

**SOFTWARE REQUIREMENTS:**

* WINDOWS XP /2000
* JDK 1.6
* Awt , swing
* Socket Programming

MsAccess 2007