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**INSTITUTE OF JAVA &SOFTWARE**

**ENGINEERING GRADUATE DIPLOMA IN SOFTWARE ENGINEERING**

**Bank Management System**

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**BATCH NO - 46**

**NIC - 971643439V**

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**List Of Abbreviation**

* Sd Software Developer
* QAE Quality Assurance Engineer
* SE Software Engineer
* BCS British Computer Society
* IJSE Institute Of Java Software Engineering
* It Information Technology
* HR Human Resource

**1.0 INTRODUCTION OF BUSINESS**

This bank is a financial institution which accepts deposits, pays interest on pre-defined rates, clears checks, makes loans, and often acts as an intermediary in financial transactions. It also provides other financial services to its customers.

**Mission Statement**

We will be the preferred provider of targeted financial service in our communities based on strong customer relationships. ... Our goal is to create customer loyalty, shareholder value, and employee satisfaction

**2.0 ORGANIZATIONAL STRUCTURE**

PEON

CHAIRMAN

MANAGING DIRECTOR

MANAGER

ASSISTANT MANAGER

CLARK

**3.0 BUSINESS PROCESS**

* Main process

The system provides the access to the customer to create an account, borrow loan, deposit/withdraw the cash from his account, also to view reports of all accounts present

* My System Target Process

Create account

• Users should have able to add new Customer

• Users should have able to update or delete the details of customer

• Users should have able to see all Customers

Deposit money

* + - Users should have able to check the balance
    - Users should have able to deposit money

Withdraw money

* + - Users should have able to check the balance
    - Users should have able to withdraw money

**4.0 BUSSINESS SERVICE**

* Borrow the loans
* Deposit money
* Withdraw money

**5.0 IT SOLUTION**

* Currently all the business processes are done manually. Because of that reason they face lots difficulties.
* So I decided to make a system for the business.
* I hope this system will contribute to reduce the huge no. of paper woks and can
* Reduce huge no. of errors in manual calculations.
* And owner can manage all the business process easily.

**6.0 IDENTYFIERS ISSUES**

* There are lots of problems in the current manually system.
* Because of that reasons thee owner and the employees face a lots of difficulties
* Because of the manual calculations done, it can make huge errors in calculations & the Transactions done in the business. And also it takes more items when calculation is done manually
* As all the functions are done manually, it requires a huge book to maintain all the records of the system. So security of data in low.
* Difficult to fetch the data, when needed.
* Customer have to wait for more times as the current manual system is very slow.

**7.0 SUGGESTIONS**

* I hope this system will reduce the huge number of paper works
* When using this system owner, cashier & the other users can find data very easily.

**8.0 HARDWARE & SOFTWARE REQURMENTS**

* 500 GB Hard disk
* 4 GB RAM
* Core i3 Processor
* SQL server
* Intellij IDEA

**9.0 Use case Diagram**

**Customer**

**Clerk**

**Loan officer**

**Manager**

**10.0 Entity Relationship Diagram**



Transaction

has

Customer

Account type

Account

Customer

Account

Details

has

has

Instalment Payment

Loan

Garenters

has

has



Loan type

has

