

Bank Management System

Done By

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Objective & Scope of the Project

Objective

The main objective of the project is to **computerize the processing of a small bank**.

This system helps the user to maintain the records of a small bank.

The bank maintains the Account Holder details, Employee details and Transaction details.

Scope

This project is developed for a small bank.

Further, it can be easily customized for the use of any other bank.

This project will help them to create a working system into the latest concept of paper less office.

Problem Definition

The project “Bank Management System” shows a simple bank Management procedure conducted in small banks.

The system should be developed to maintain the account holder records, employee records and their transaction details.

Account holder needs must be taken into account.

The system should be able to handle exceptional situations.

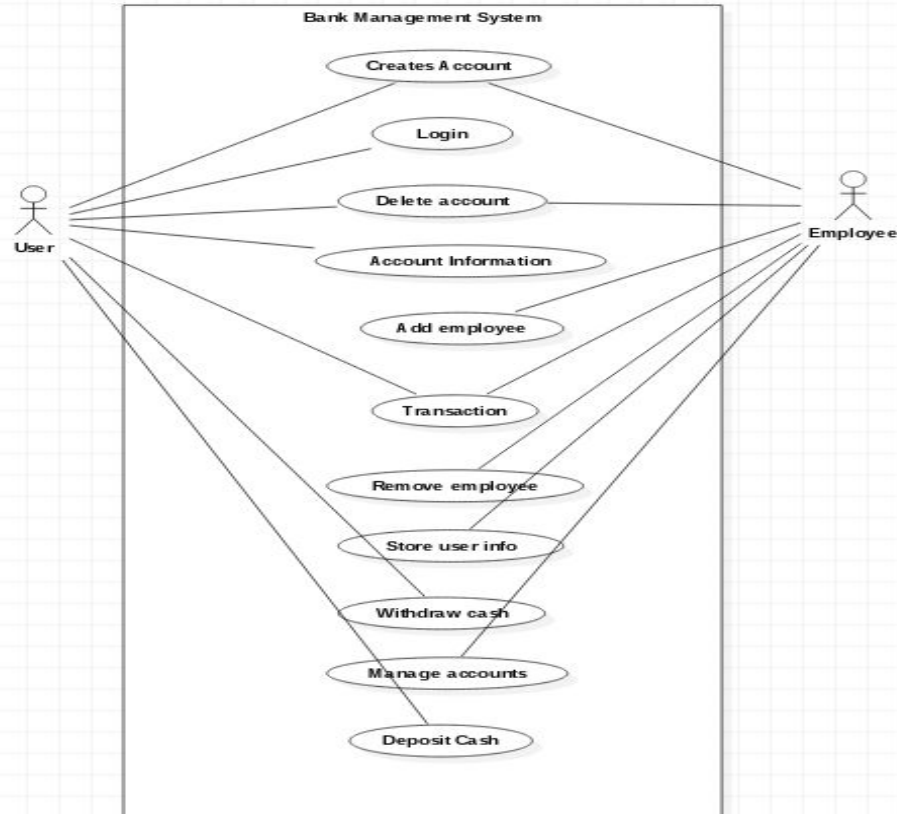


UML DIAGRAMS

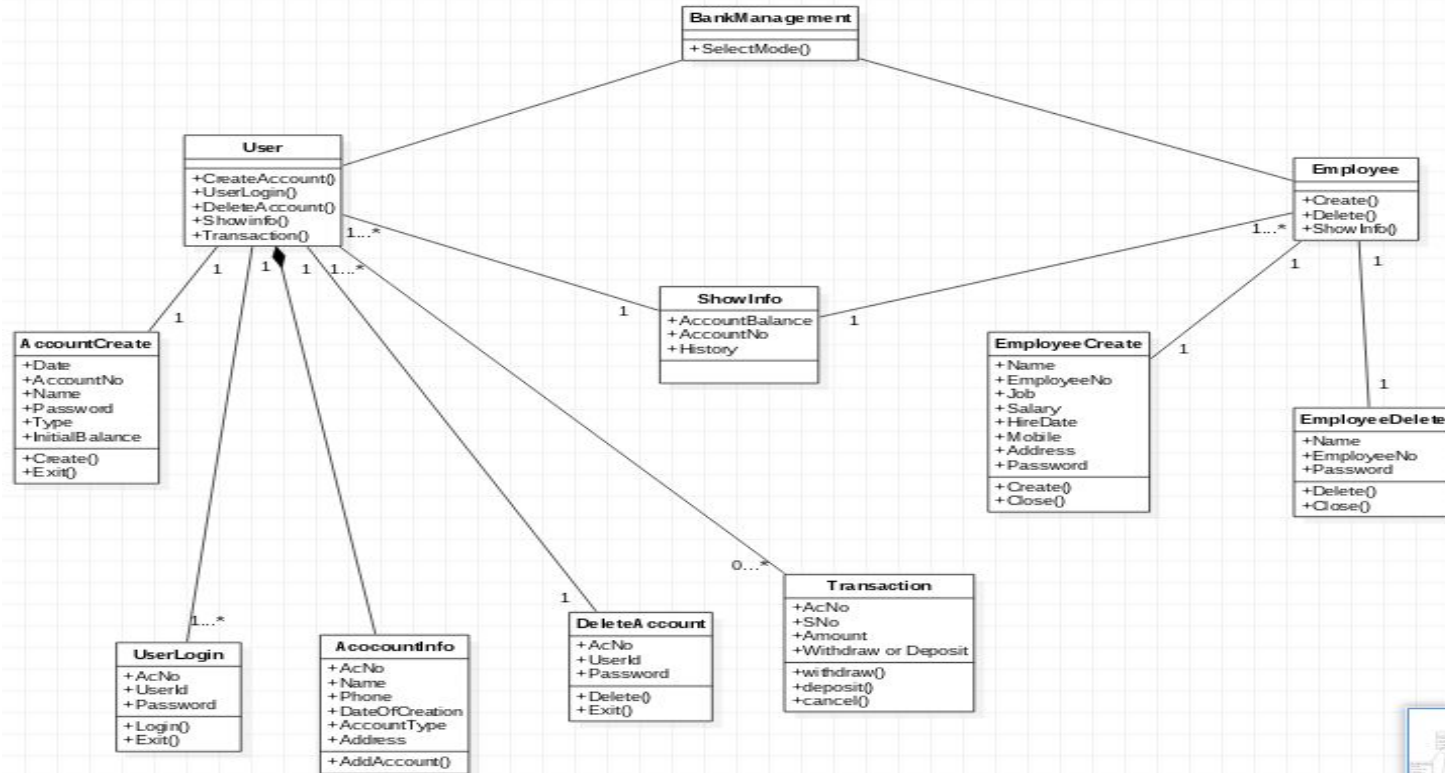
UML DIAGRAMS

1. USE CASE DIAGRAM
2. CLASS DIAGRAM
3. ACTIVITY DIAGRAM
4. CRC DIAGRAM

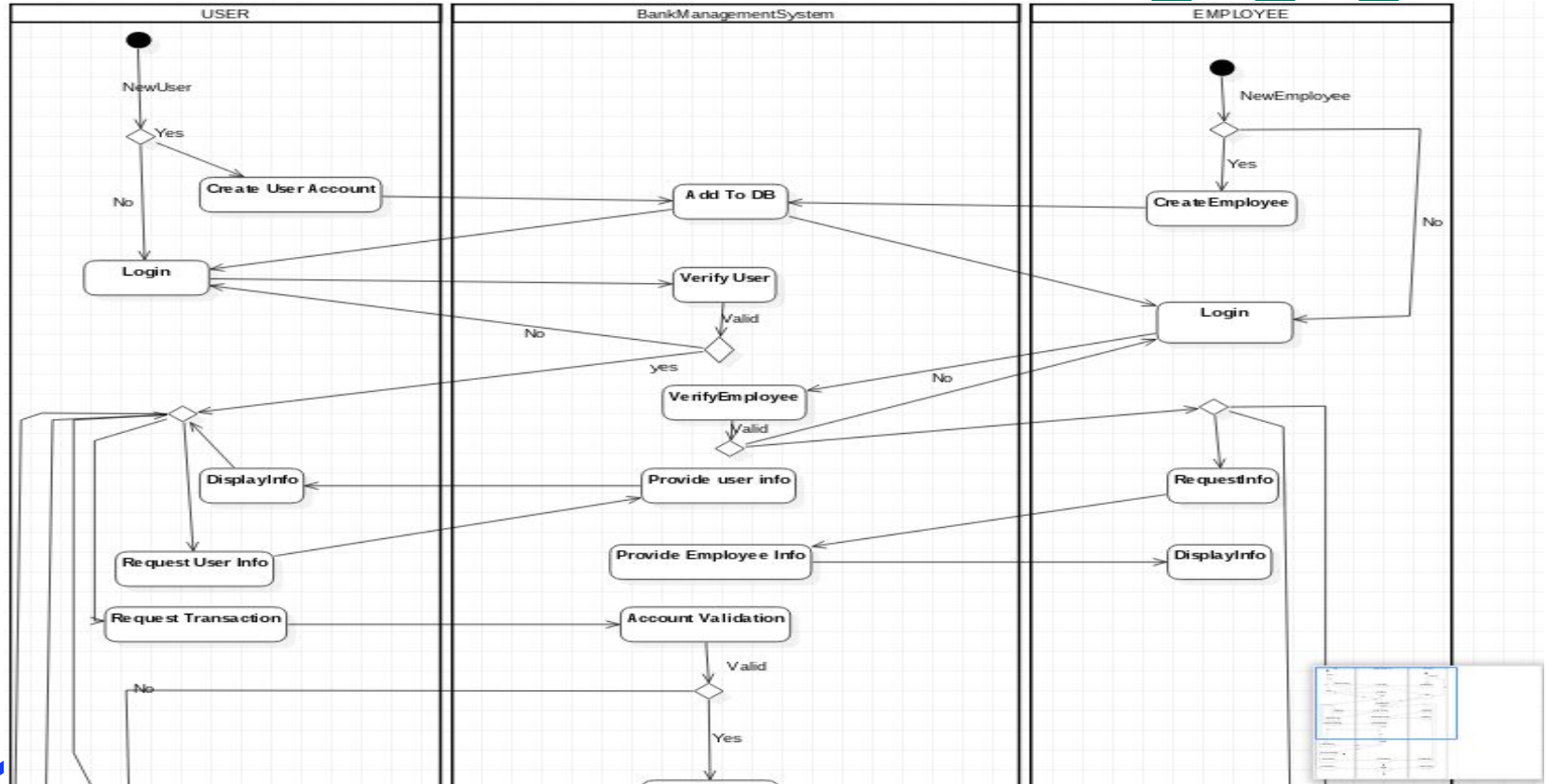
USE CASE DIAGRAM



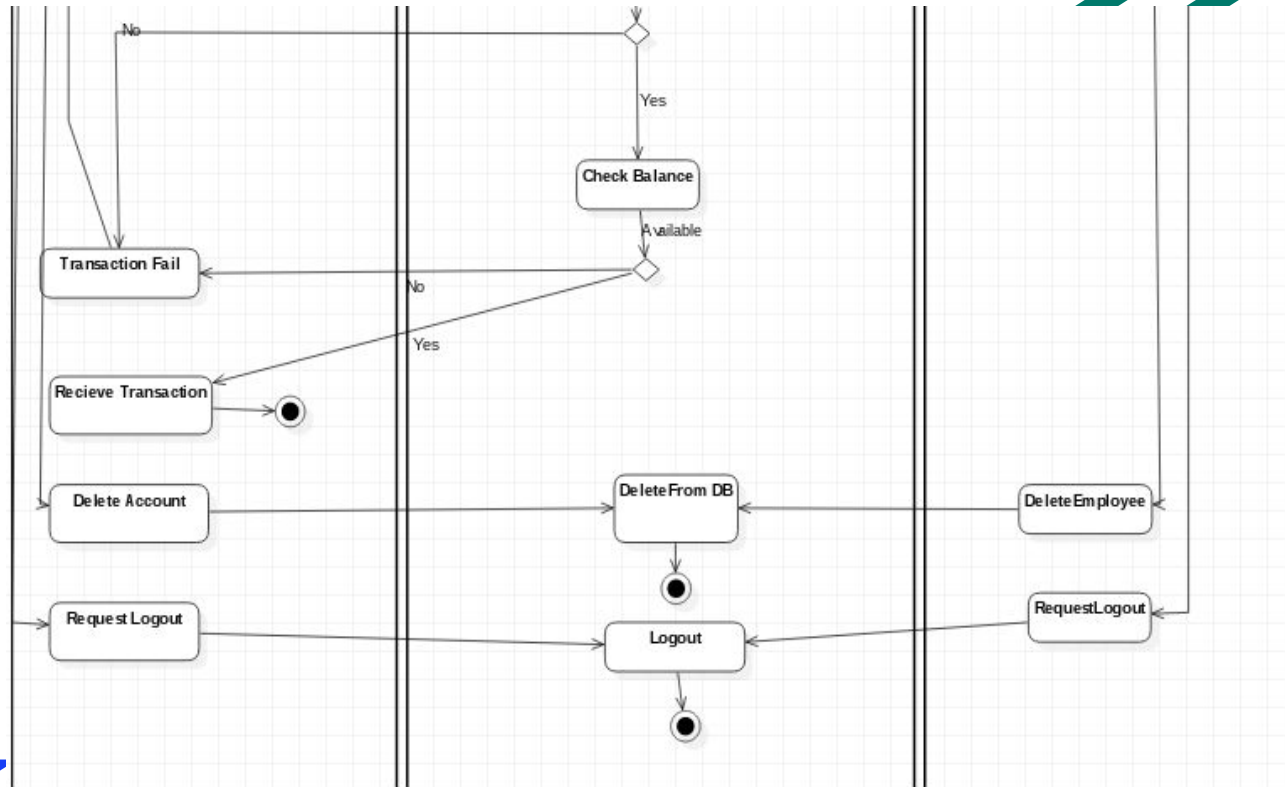
CLASS DIAGRAM



ACTIVITY DIAGRAM



ACTIVITY DIAGRAM - CONT



CRC DIAGRAM

Doc File is Attached Along With this!

Details of Hardware & Software used

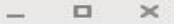
- Java
- NetBeans
- MySQL



Screenshots

Landing Page

Bank Management System



User Employee About **Exit**



A penny saved
is a penny
earned

CREATE ACCOUNT

Create Account

Create Account

Date:	<input type="text" value="2017-11-02"/>
Account Number	<input type="text" value="123456789"/>
Name/User Id	<input type="text" value="Druval CR"/>
Password	<input type="password" value="*****"/>
Type	<input type="text" value="Savings"/>
Initial Balance	<input type="text" value="200000"/>

LOGIN USER

Login User

Account No : 123456789

User ID : Druval CR

Password : *****

Login

Exit

ACCOUNT

Account

Account

Logout

Welcome

Account No.

Date

Balance

Account Statement

New Transactions

Your Account Balance is

Show Balance

Transaction

Personal Info

Account Statement

S No.	Account No.	Transaction D...	Amount	Transaction T...

NEW TRANSACTIONS

Account

Account

Logout

Welcome

Druval CR

Account No.

123456789

Date

Sun Nov 26 12:35:01 IST 2017

Balance

Account Statement

New Transactions

Deposits

Withdrawals

Transaction

Personal Info

Account Statement

S No.	Account No.	Transaction D...	Amount	Transaction T...
-------	-------------	------------------	--------	------------------

New Transactions

Date

Nov 26 12:35:29 IST 2017

Account no.

123456789

S No.

77

Amount to be withdrawn/deposited


500

Withdraw Money

Deposit Mo...

Make Transaction

Close



ACCOUNT STATEMENTS

Account

Account

Logout

Welcome

Druval CR

Account No.

123456789

Date

Sun Nov 26 12:35:01 IST 2017

Balance

Account Statement

New Transactions

Monthly Statement

Annual Statement

Transaction

Personal Info

Account Statement

S No.	Account No.	Transaction D...	Amount	Transaction T...
77	123456789	2017-11-26	500	cr
99	123456789	2017-11-26	50	Dr

TRANSACTION DETAILS

Transactions

Deposits

Withdrawals

Your Recent Withdrawals

123456789

Close

Recent Deposits

S No.	Ac No.	Transaction D...	Amount	Transaction T...
77	123456789	2017-11-26	500	cr

Recent Withdrawals

S No.	Ac No.	Transaction ...	Amount	Transaction ...
99	123456789	2017-11-26	50	Dr

ACCOUNT DETAILS

Personal Account Information

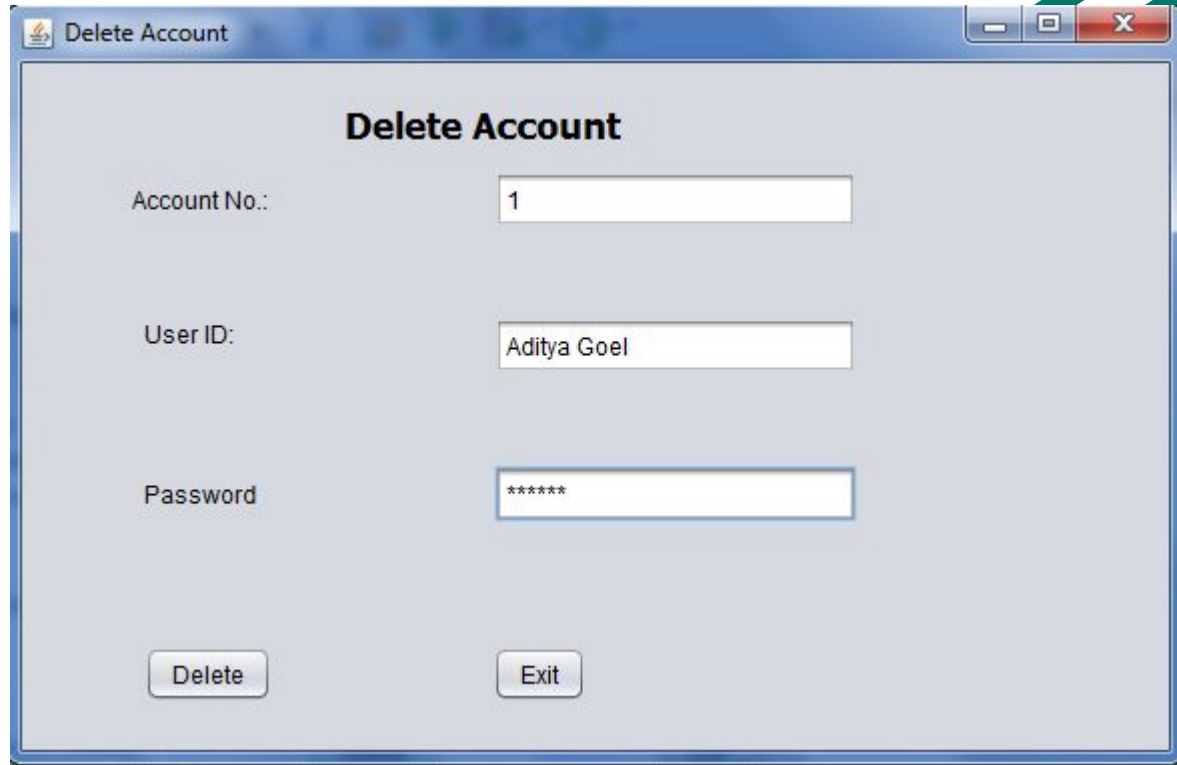
Account Information

Account Number	123456789
Name	Druval CR
Phone	9496814630
Date of Account Opening	2017-11-26
Account Type	Savings
Address	<div>Pournami Elathur</div>

Update

Exit

DELETE ACCOUNT



A screenshot of a 'Delete Account' dialog box. The window has a title bar with the text 'Delete Account' and standard minimize, maximize, and close buttons. The main area is light gray and contains the title 'Delete Account' in bold. Below the title are three input fields: 'Account No.' with the value '1', 'User ID' with the value 'Aditya Goel', and 'Password' with masked characters '*****'. At the bottom are two buttons: 'Delete' and 'Exit'.

Delete Account

Account No.:

User ID:

Password:

EMPLOYEE CREATION/DELETION

Create/Delete Employee Account

Create-Delete Employee Account

Date

2017-02-15

Employee Name

kumar

Password

kumar

Employee No

99

☒ Show Password

Job

None

Salary

200

HireDate

2017-02-15

Phone No

9465

Address

Pournam|

Create

Delete

Close

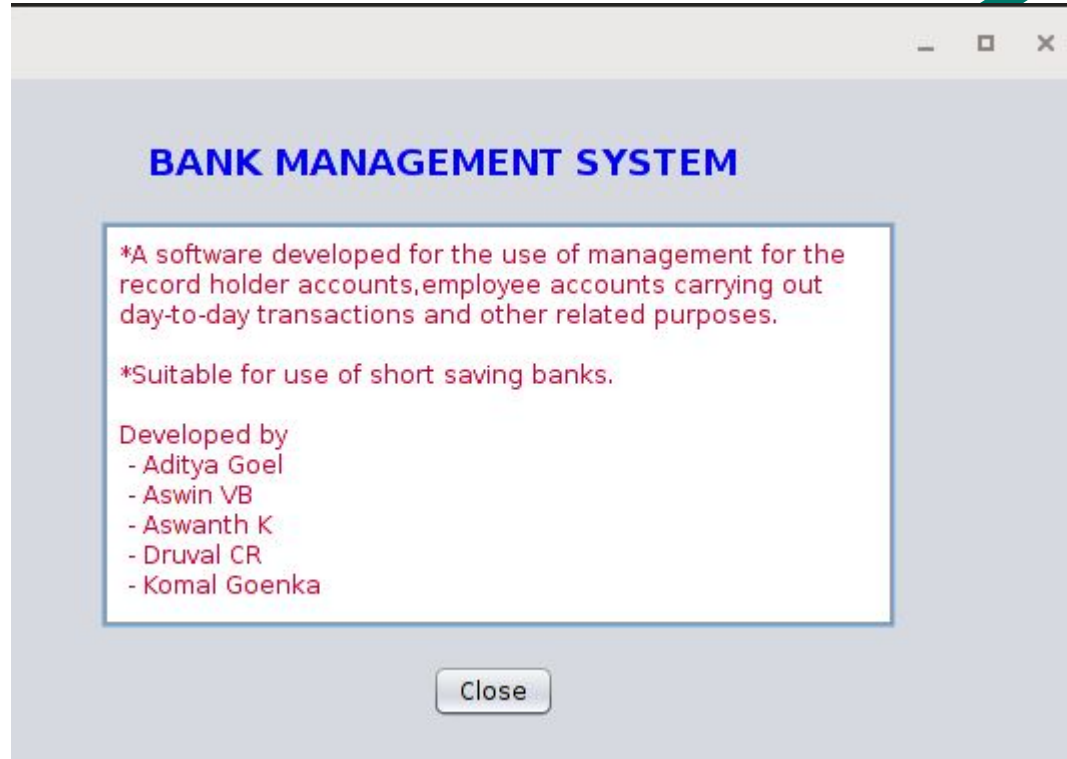
EMPLOYEE INFORMATION

Empno	EmpName	Job	Salary	Hiredate
1	12	none	200	2017-10-26
99	kumar	None	200	2017-10-26

Show Information

Exit

ABOUT :P





DATA DICTIONARY

DATA DICTIONARY

Various tables used in this project are as follows:

S#	Table Name	Uses
1	Account	to store the Login details of Account Holders
2	Account_Info	to store the account details of Account Holders
3	Employees	to store the details of Employees
4	Transaction	to store the details of all Transactions of the bank

Account Table

Data Name	Data type	Size	Remarks
AcNo	Integer	6	Primary Key
ID	Varchar	30	
Password	Varchar	20	

Account_Info Table

Data Name	Data type	Size	Remarks
AcNo	Integer	6	Foriegn Key(Account.AcNo)
Name	Varchar	30	
Address	Varchar	50	
Phone No	Integer	10	
Doac	Date		
Typ	Varchar	10	
Balance	Float	12,2	

Employee Table

Data Name	Data type	Size	Remarks
EmpNo	Integer	7	Primary Key
EmpName	Varchar	20	
Job	Varchar	20	
Salary	Float	10,2	
HireDate	Date		
Address	Varchar	50	
PhNo	Integer	10	
Password	Varchar	20	

Transaction Table

Data Name	Data type	Size	Remarks
SNo	Integer	6	Primary Key
AcNo	Integer	6	Foriegn Key(Account.AcNo)
Dot	Date		
Amt	Float	12,2	
TType	Varchar	2	



Thank You!

Submitted By :-

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 2. ASWIN VB
 3. ASWANTH K
 4. DRUVAL CR
 5. KOMAL GOENKA
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