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BANKING SOFTWARE

Presentation On **BANKING SOFTWARE**

By The Students Of
BACHELOR OF COMPUTER APPLICATION

Under the Guidance of :
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Presented By :
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Tejas Shinde



Department of Bachelor Of Computer Application
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- TABLE STRUCTURE
- Login form and other forms related to project
- CONCLUSION

INTRODUCTION

- The project entitled “BANKING SOFTWARE” which keep the day to day tally records as a complete banking system. It can keep the information of bank employee, transaction, loan solution, ATM information and account information. The exciting part of this project is; it displays the employee details, payment details, loan details and transaction details
- **AIM**
In the existing system the transaction are done only manually but in proposed system we have to computerize all the banking transaction using the software “BANKING SOFTWARE”

OBJECTIVES

- To study the functions of Banking software.
- To explore the challenges being faced by the manual system.
- To make a s/w fast in processing , with good user interface.
- To ensure accurate statistics of product item.
- For easy record of Account Holders and proper identification.

Existing System

- The existing system is very paper based .
- Relevant and irrelevant information are entered.
- Requirement of manpower is more.
- The data entry , transaction , and retrieval procedure is very inefficient.
- There are chances of data misplacement and wrong data entry.
- This System is insecure.
- It is also inflexible to adapt to user requirements

Proposed system

- The proposed system is reliable , fast , user-friendly , and informative.
- Less paper work .
- Requirement of manpower is less.
- Using the application , one can add , modify , delete , save , update and print details.
- The system will Display all Account details.

ADMINISTRATIVE MODULE

This module is the main module which performs all the main operations in the system. The major operations in the system are:

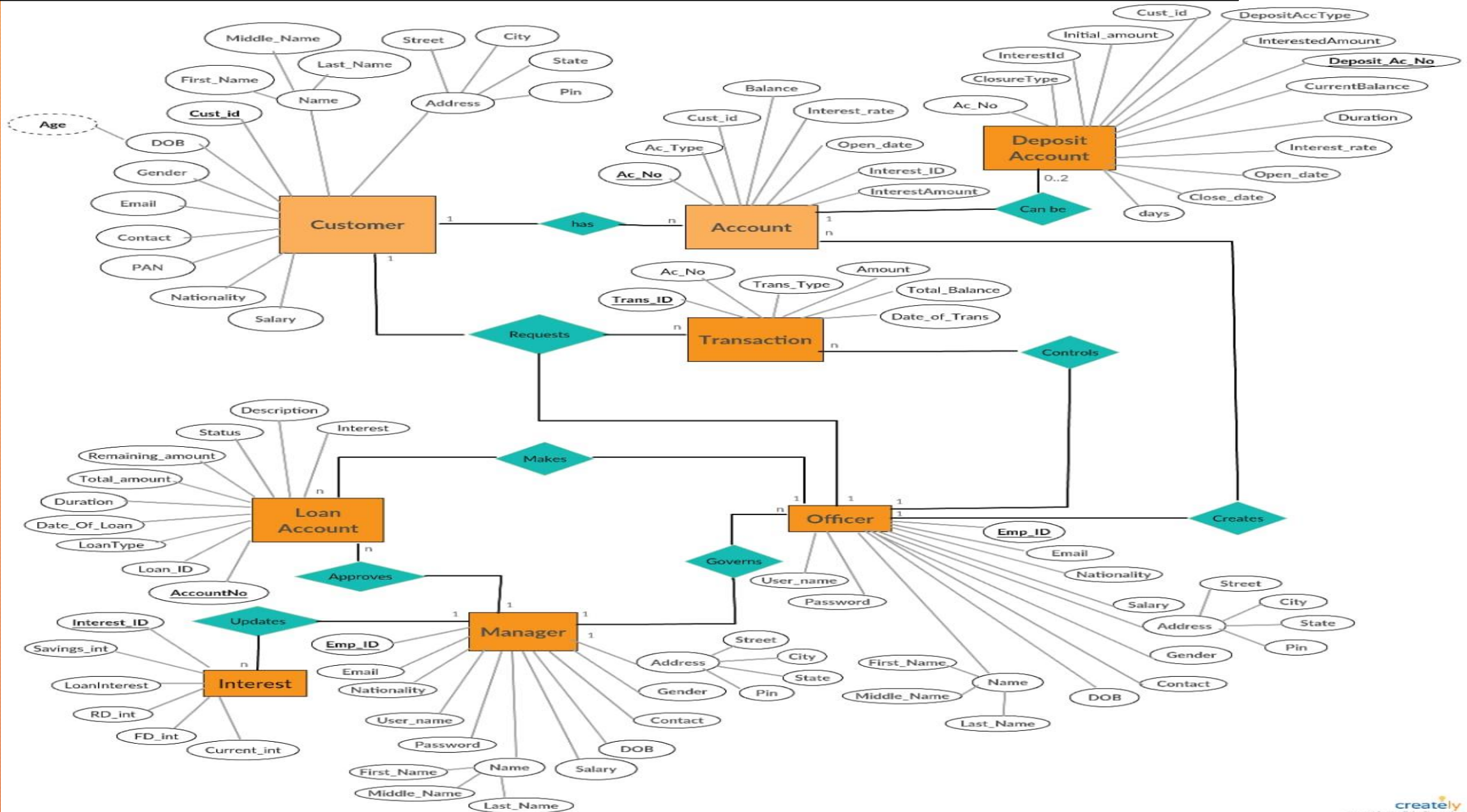
- Admin login
- Add/Delete/Update Employee
- Withdrawal/deposit/payment Transaction
- Creating new Account/Loan account/Fixed Deposit
- Searching account information/Transaction information
- E-Solution ATM information saving
- Report generation
- Settings
- Change Password

USER MODULE

This module is also a main module which performs all the main operations in the system. The major operations in the system are:

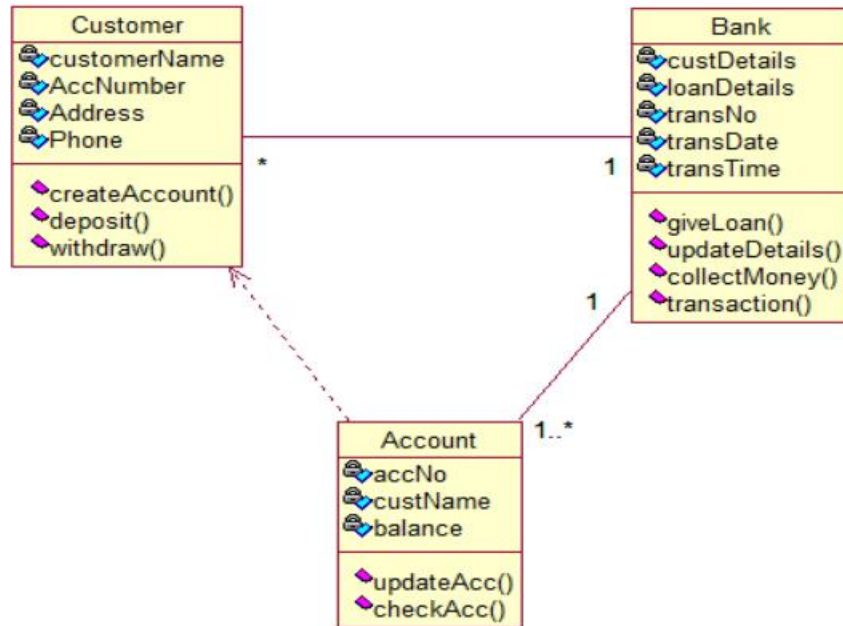
- User login
- Creating New Account/Loan Account/Fixed Deposit
- Searching Account Information/Transaction Information
- E-Solution ATM information saving
- Report generation
- Change password

ERD OF BANKING SOFTWARE

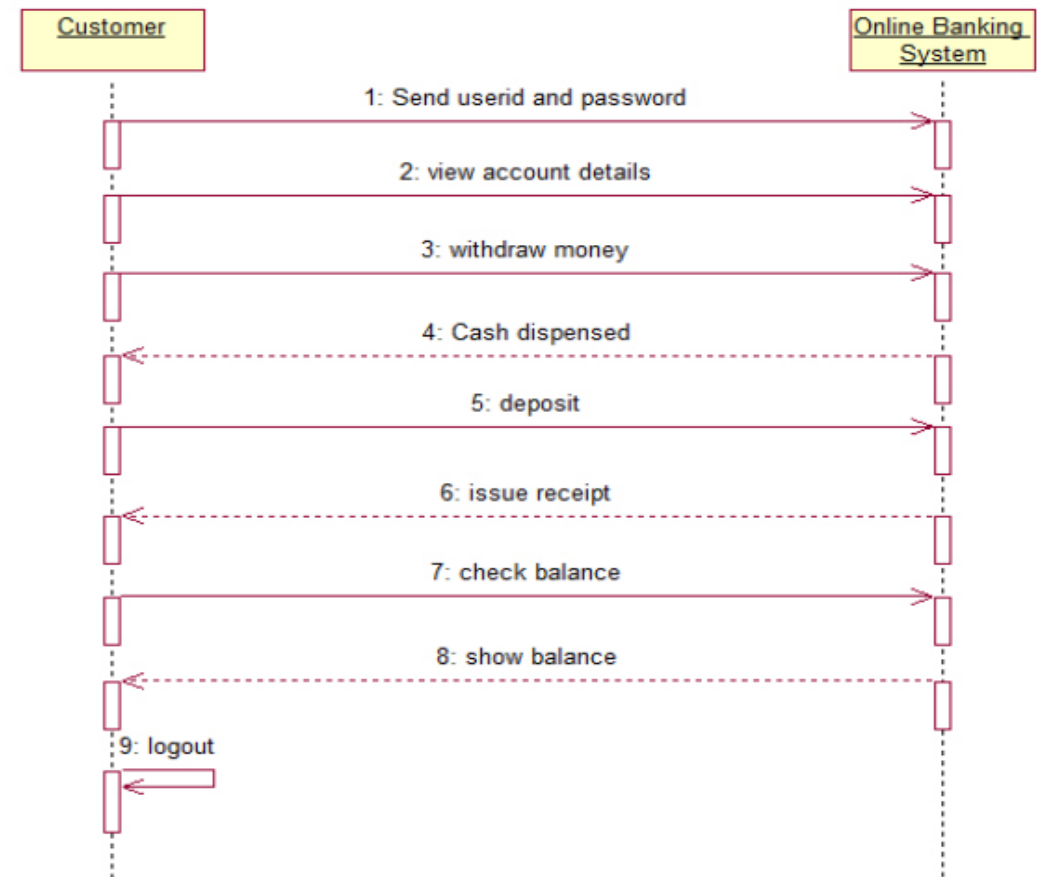


Class and Sequence Diagram OF BANKING SOFTWARE

Class Diagram

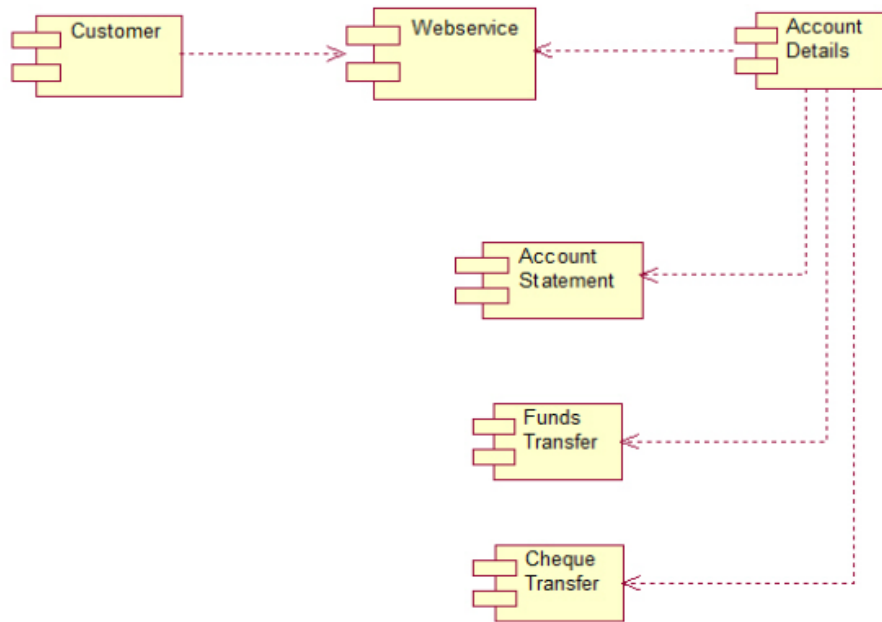


Sequence Diagram

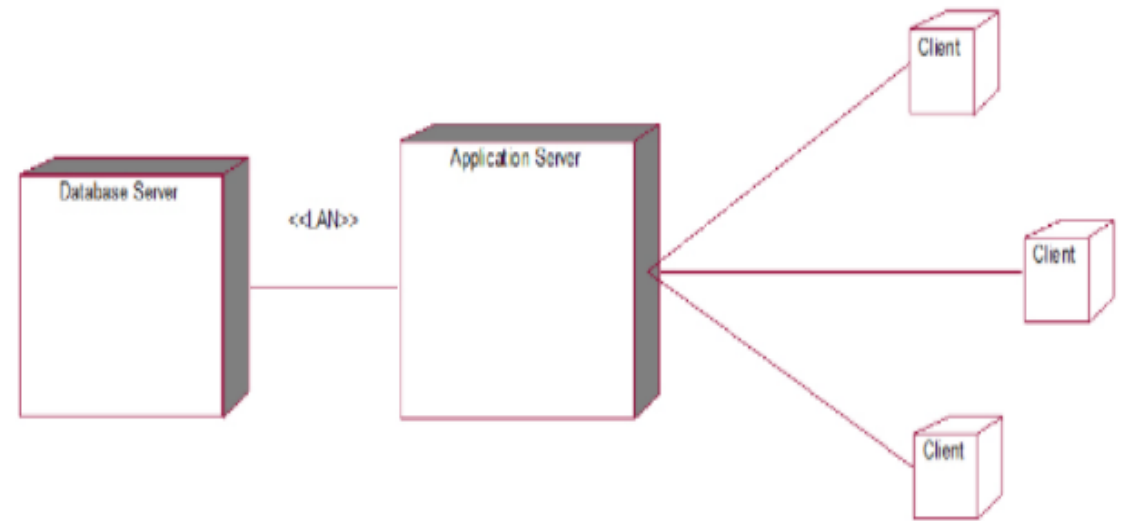


Component and Deployment Diagram OF BANKING SOFTWARE

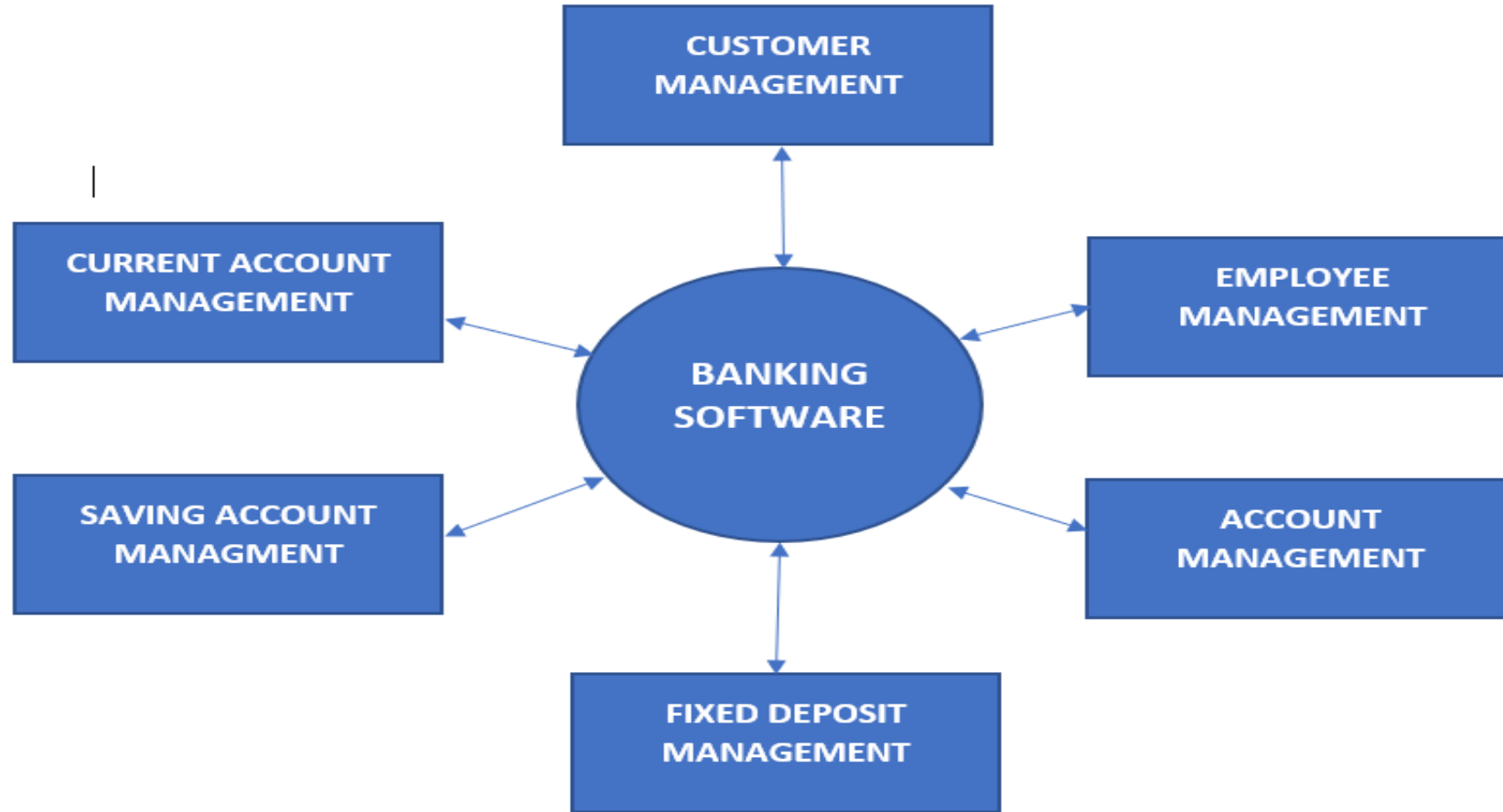
Component Diagram



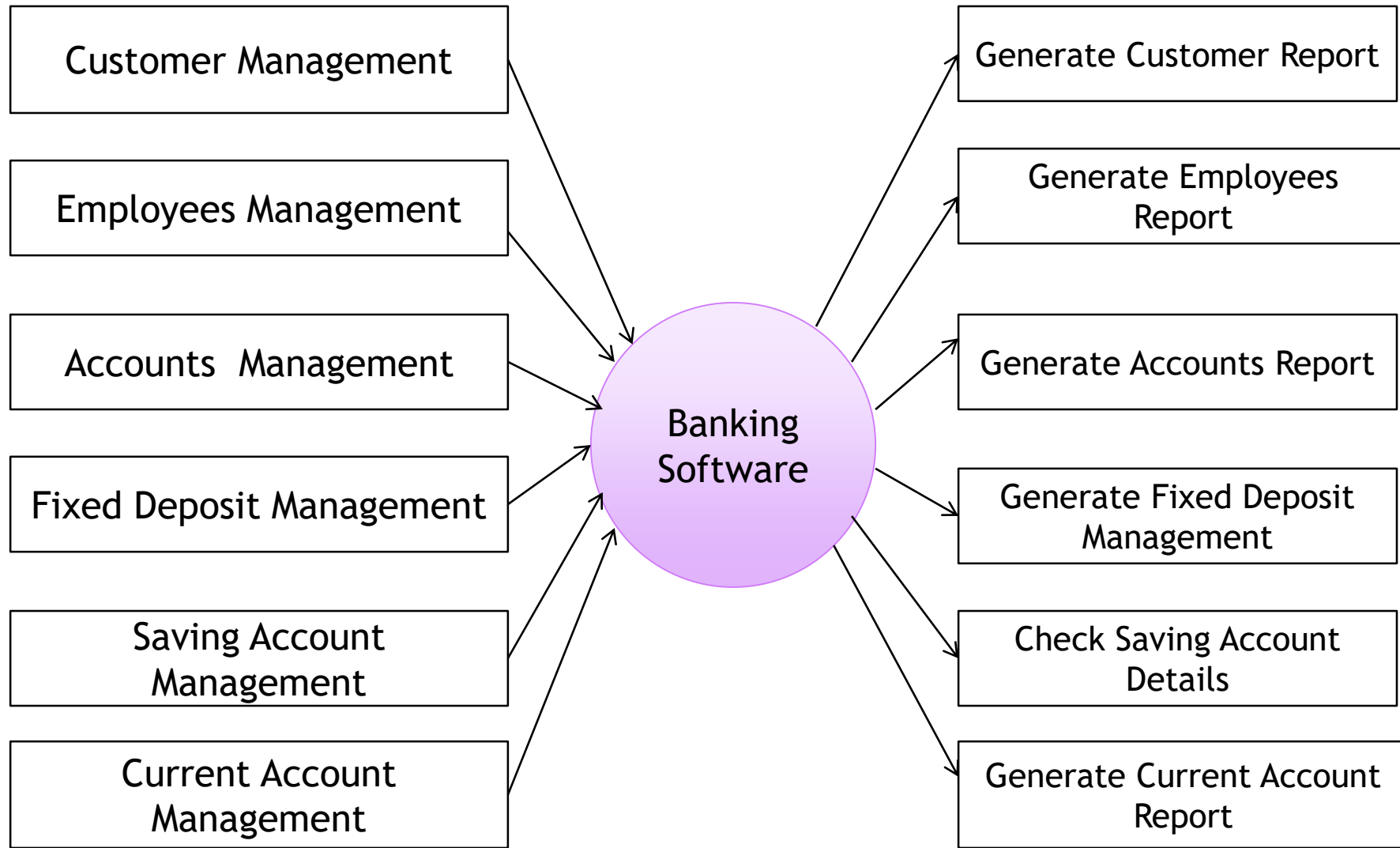
Deployment Diagram



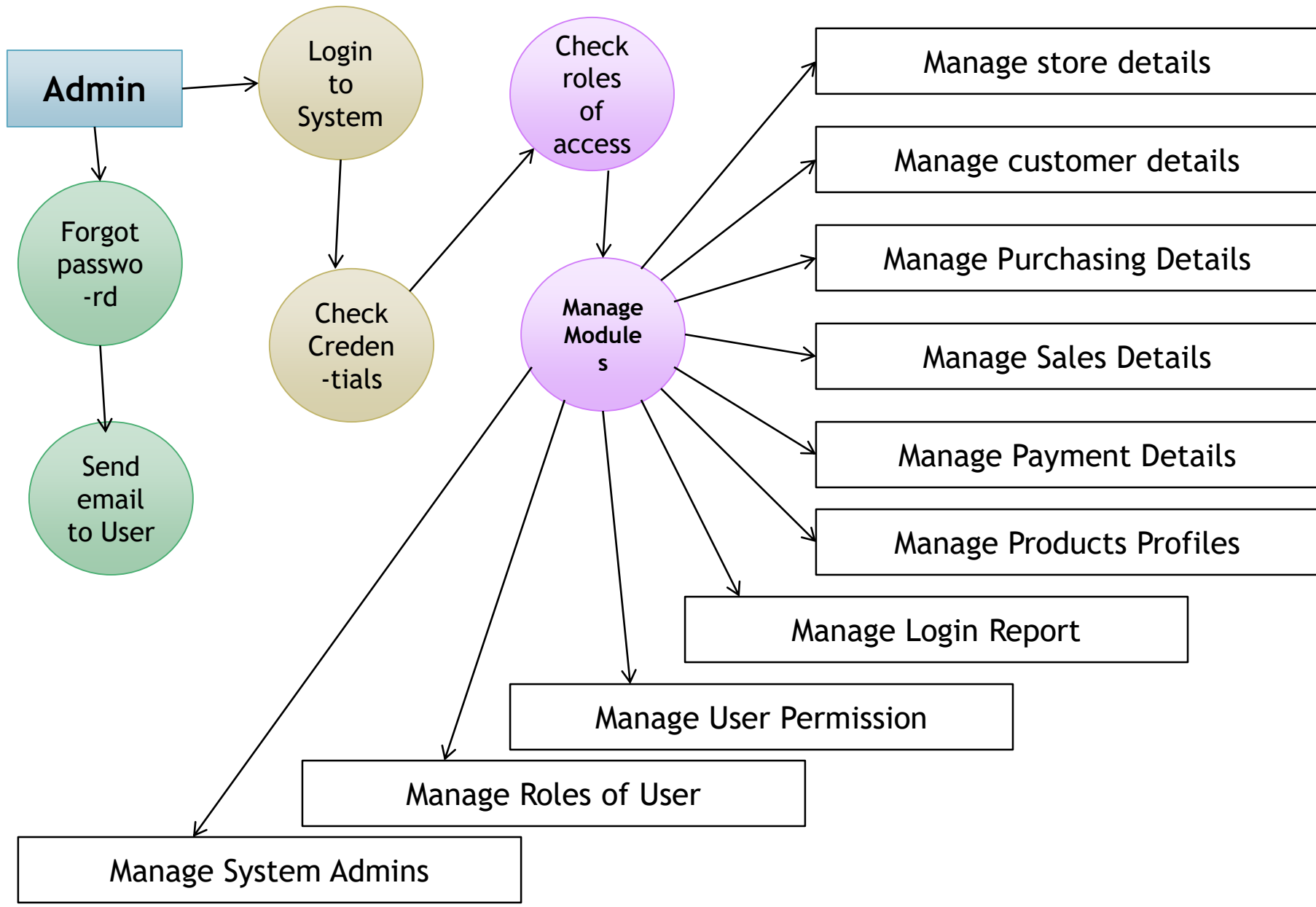
Data Flow Diagram Of Banking software



ZERO LEVEL DFD -BANKING MANAGEMENT SOFTWARE



First Level DFD -Banking Software



Second Level DFD - Super Market Mgt System

UML Diagram Of Banking software

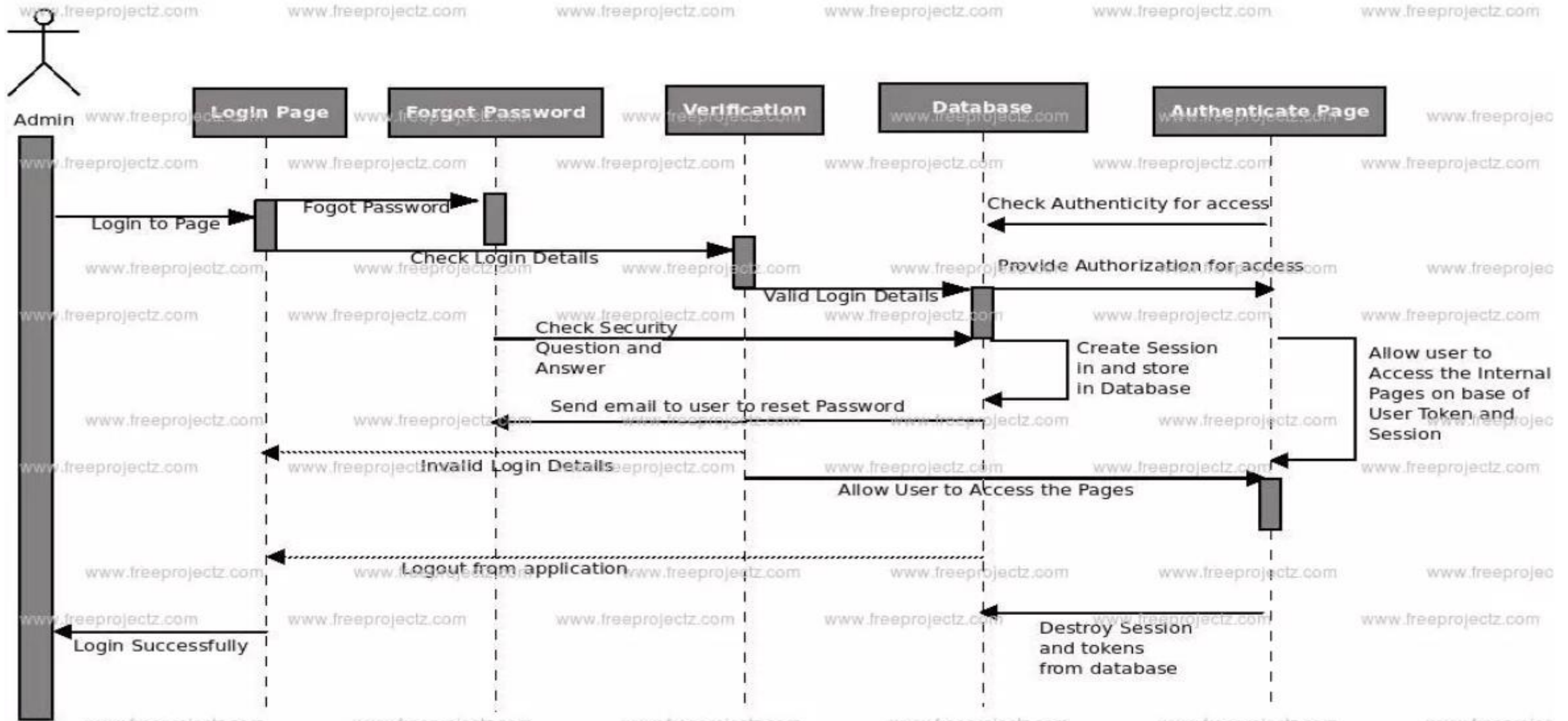


Table Structure Of Banking software

Table: login

Primary Key: username

Field	Data Type	Constraints	Description
username	Char(15)	Primary key	
password	Number(9)		
rights	Char(10)		

Table: employee

Primary Key: emp id

Field	Data Type	Constraints	Description
Emp no	Number(9)	Primary key	
Employee name	char(30)		
Address	char(30)		
City	Char(30)		
State	char(30)		
Country	Char(30)		
pincode	number		
Phone1	number		
Phone2	number		
fax	Char(30)		

LOGIN FORM



The image shows a screenshot of a software application's login interface. The main window is titled "Login" and has a pink background. It contains the following elements:

- Instructional Text:** "Please Select your User Name and type the correct password."
- User Selection:** A dropdown menu labeled "USER" with "administrator" selected.
- Password Input:** A text field labeled "PASSWORD" containing six asterisks "*****".
- Buttons:** "Cancel" and "OK" buttons at the bottom of the main window.
- Authentication Dialog:** A smaller dialog box titled "Authentication" is overlaid on the main window. It displays the message "Access Granted" and has an "OK" button.


Component and Deployment Diagram

HOME SCREEN

State Bank of Travancore


File Employee Transaction New Search E-Solutions Reports Settings User

STATE BANK OF TRAVANCORE




Since 1945
A long addition of trust

Premier Bank in Kerala
Consistent Record of Profits
CORE Banking Technology
24x7 Internet Banking Facility
Largest ATM Network in India
Authorised Dealers in Forex



Online SBT


Interest Rates




More than 10000 State Bank ATMs

Service Charges/Fees
ServiceChrges(Others)
Forex Chages
FEDAI Weekly Rates
Financial Results
ComplaintRedressal
Basel-II Disclosures
Inter CoreCharges


Money Trans E-Remit



Personal banking
Deposit schemes
Janapriya account
Personal finances
Public Provident Fund
Reverse Mortgage Loan
New Housing Loan Product NEW!




NRI services
NRI Deposit schemes
Loans for NRIs
NRI Care - Insurance
International Presence
Track Rupee Drafts status



Business banking
SME financing
MSME Care Centre
Financing Trade & Services
Gold card for exporters
Debt restructuring for SME
Current A/c - SBT easy BIZ

Agricultural Debt Waiver and Debt Relief Scheme 2008-List of Beneficiaries

Anywhere Banking Services



Transfer funds within India?

- Multiple delivery channels - Branches, ATMs and Internet Banking
- Open account in any branch and operate from any of our branches
- Transfer funds to other accounts in SBT instantaneously
- Transfer funds to other banks in India via NEFT & RTGS [FAQ](#)
- Access of State Bank ATMs- Largest ATM Network in India
- Real Time Internet Banking Transaction facility
- e-payment of Taxes and Duties over Internet
- Book Railway tickets and Bill payments online
- Multi-City cheques for business customers


User Name :- administrator 8/12/2007 , 3:49:41 AM

start new_bank StateBa... State B... My Com... Srishti Docume... Banking ... 4:08 AM


ADD EMPLOYEE

State Bank of Travancore - [Add Employee]

File Employee Transaction New Search E-Solutions Reports Settings User

 **State Bank Of Travancore**

Employee Information

Employee ID	<input type="text"/>	
Employee Name	<input type="text"/>	
Employee Address	<input type="text"/>	
City	<input type="text"/>	
State	<input type="text"/>	
Country	<input type="text"/>	
Pincode	<input type="text"/>	
Phone	<input type="text"/>	
Mobile	<input type="text"/>	
Fax	<input type="text"/>	
Email	<input type="text"/>	
Post	<input type="text"/>	

User Name :- administrator 8/12/2007 , 3:49:41 AM

start | new_bank | StateBankofTra... | State Bank of Tr... | Srishti | Banking soft [Co... | 4:09 AM

UPDATE MEMBER

State Bank of Travancore - [Update Employee Record]

File Employee Transaction New Search E-Solutions Reports Settings User

UPDATE EMPLOYEE RECORDS

Edit Employee Record

Customer Number	<input type="text"/>	<input type="button" value="Browse"/>
Customer Name	<input type="text"/>	
Customer Address	<input type="text"/>	
City	<input type="text"/>	
State	<input type="text"/>	
Country	<input type="text"/>	
Pincode	<input type="text"/>	
Phone	<input type="text"/>	
Mobile number	<input type="text"/>	
Post	<input type="text"/>	

User Name :- administrator 8/12/2007 , 3:49:41 AM

start | new_bank | StateBankofTra... | State Bank of Tr... | Srishti | Banking soft [Co... | 4:10 AM

TRANSACTION

State Bank of Travancore - [Withdraw]

File Employee Transaction New Search E-Solutions Reports Settings User

Withdrawal

Slip Number	<input type="text"/>
Account Number	<input type="text"/>
Previous Balance	<input type="text"/>
Amount	<input type="text"/>
Current Balance	<input type="text"/>
Date	8/12/2007 4:10:15

Exit Save

User Name :- administrator 8/12/2007 , 3:49:41 AM

start new_bank StateBankofTra... State Bank of Tr... Srishthi Banking soft [Co... 4:10 AM

DEPOSIT

State Bank of Travancore - [Deposit]

File Employee Transaction New Search E-Solutions Reports Settings User

Deposit

Slip Number

Account Number

Actual Balance

Amount

Final Balance

Date 8/12/2007 4:10:37

Save Exit

User Name :- administrator 8/12/2007 , 3:49:41 AM

start new_bank StateBankofTra... State Bank of Tr... Srishti Banking soft [Co... 4:10 AM

PAYMENT

State Bank of Travancore - [Payment]

File Employee Transaction New Search E-Solutions Reports Settings User

Payment

Slip Number

Loan Number

Customer Name

Date of Application

Actual Amount

Period of Loan

Rate in Percentage

Interest

Save Exit

User Name :- administrator 8/12/2007 , 3:49:41 AM

start new_bank StateBankofTra... State Bank of Tr... Srishti Banking soft [Co... 4:10 AM

ACCOUNT INFORMATION

State Bank of Travancore - [Add New Account]

File Employee Transaction New Search E-Solutions Reports Settings User

CUSTOMER INFORMATION		ACCOUNT INFORMATION	
Customer Name	<input type="text"/>	Date	8/12/2007 4:11:09 AM
Customer Address	<input type="text"/>	Account Type	<input type="text"/>
City	<input type="text"/>	Account Name	<input type="text"/>
State	<input type="text"/>	Account Description	<input type="text"/>
Country	<input type="text"/>	Deposit	<input type="text"/>
Pincode	<input type="text"/>		
Phone	<input type="text"/>	Joint Account Names	
Mobile number	<input type="text"/>	Name 1	<input type="text"/>
Email	<input type="text"/>	Name 2	<input type="text"/>
		Name 3	<input type="text"/>
Account Number	<input type="text"/>		

User Name :- administrator 8/12/2007 , 3:49:41 AM

start new_bank StateBankofTra... State Bank of Tr... Srishti Banking soft [Co... 4:11 AM

LONE APPLICATION

State Bank of Travancore

File Employee Transaction New Search E-Solutions Reports Settings User

State Bank Of Travancore

LOAN APPLICATION FORM

Loan Information

Loan Number

Customer Name

Address

Phone Number

Actual Amount

Date of Return

Loan Type

- Personal Loans
- Comercial Loans

Personal Segment

- Personal Upto 50000
- Personal Upto 100000
- Housing Upto 200000
- Housing Above 200000
- Vehicle Upto 25000
- Vehicle Upto 100000
- Vehicle Above 100000

Comercial Segment

- Term Loans
- Cash Credit

Upto 250,000

- Upto 250,000
- Upto 500,000
- Upto 1,000,000
- Above 1,000,000

Time Period

- 90 Days
- 6 Months
- 1 Year
- 2 Years

Account Description

Joint

Name 1

Name 2

Name 3

User Name :- administrator 8/12/2007 , 3:49:41 AM

start new_bank StateBankofTra... State Bank of Tr... Srishti Banking soft [Co... 4:11 AM

FIXED DEPOSIT INFORMATION

State Bank of Travancore - [New Fixed Deposit]

File Employee Transaction New Search E-Solutions Reports Settings User

State Bank Of Travancore

Fixed Deposit Information

Fixed Deposit Number

Payable To

Amount

FD Type

- 90 Days
- 6 Months
- 1 Year
- 2 Years

Account Description

Joint

Name 1

Name 2

Name 3

Maturity Date

Maturity Value

User Name :- administrator 8/12/2007 , 3:49:41 AM

start new_bank StateBankofTra... State Bank of Tr... Srishthi Banking soft [Co... 4:11 AM

ACCOUNT INFORMAYON

State Bank of Travancore - [Form1]

File Employee Transaction New Search E-Solutions Reports Settings User

Account Information

Select a Search Criteria

Account Name Total Matches found 1

John Brown

User Name :- administrator 8/12/2007 , 3:49:41 AM

start | new_bank | StateBankofTra... | State Bank of Tr... | Srishti | Banking soft [Co... | 4:12 AM

TRANSACTION LOG

State Bank of Travancore - [Form1]

File Employee Transaction New Search E-Solutions Reports Settings User

Transaction Log

Enter Account Number

User Name :- administrator 8/12/2007 , 3:49:41 AM

start | new_bank | StateBankofTra... | State Bank of Tr... | Srishthi | Banking soft [Co... | 4:12 AM

CONCLUSION

- The proposed Banking software is very useful for all banks.
- It manages their inventories , staffs, and records of Loan payment and transaction .
- New features and modules can be easily added into the system.
- This project is very flexible and can adapt to the requirements of the supermarket and its users.

THANK YOU



SUPERMARKET MANAGEMENT SYSTEM

Presentation On

SUPERMARKET MANAGEMENT SYSTEM

By The Students Of

BACHELOR OF COMPUTER APPLICATION

Under the Guidance of :
Prof. P. S. Nevse

Presented By :
Akanksha M
Susmita B



Department of Bachelor Of Computer Application
Mahatma Phule Mahavidyalaya , Pimprigaon , Pune -17.

CONTENTS

- ✓ Introduction .
- ✓ Objectives .
- ✓ Existing system and Proposed System.
- ✓ Problem Of Statement .
- ✓ E-R Diagram ,Data Flow Diagram(L-0, L-1, L-2) ,
UML Diagram, Sequence diagram, Component Diagram ,
Class Diagram, Deployment Diagram .
- ✓ Login Page & other forms related to project .
- ✓ Merits & Demerits.
- ✓ Scope & Conclusion .

INTRODUCTION

- The project 'Supermarket Management System' is targeted mainly for big supermarkets and particularly aims the automation of supermarket.
- The users will consume less time in calculation.
- Sales activity will be completed within minutes unlike manual system.

OBJECTIVES

- To study the functions of Supermarket management system.
- To explore the challenges being faced by the manual system.
- To make a s/w fast in processing , with good user interface.
- To ensure accurate statistics of product item.
- For easy record of goods in store and proper identification.

Existing System

- The existing system is very paper based .
- Relevant and irrelevant information are entered and stored in the same place , this process is very clumsy and untidy.
- Requirement of manpower is more.
- The data entry , storing , and retrieval procedure is very ineffecient.
- There are chances of data misplacement and wrong data entry.
- This System is insecure.
- It is also inflexible to adapt to user requirements

STATEMENT OF PROBLEM

- Time Consumption: The business owner must keep track of sales on daily basis i.e updating the system manually at the end of the day.
- Poor Communication: A manual Supermarket requires employees and managers to write down each time an item is removed . If one employee forgets to mention that the last coffee product has been removed , manager expects the item to still be available. i.e manual system does not help the communication in the workplace.
- Physical Counts :One of the difficulties of running a manual Supermarket system is that physical Supermarket counts must be performed frequently to control the items in the Supermarket. That is time consuming and hectic.
- Daily Purchases: A manual Supermarket system requires the employees to write down the items sold during a single work day. This can be a difficult task, as one employee may lose the list of items sold or another may forget to write down a sale.

Proposed system

- The proposed system is reliable , fast , user-friendly , and informative.
- Less paper work .
- Requirement of manpower is less.
- Increases the productivity of the supermarket.
- Using the application , one can add , modify , delete , save , update and print details.
- There's also a search feature to find products available in the supermarket.
- The system will display all the items whose name start with the letter selected by the user.

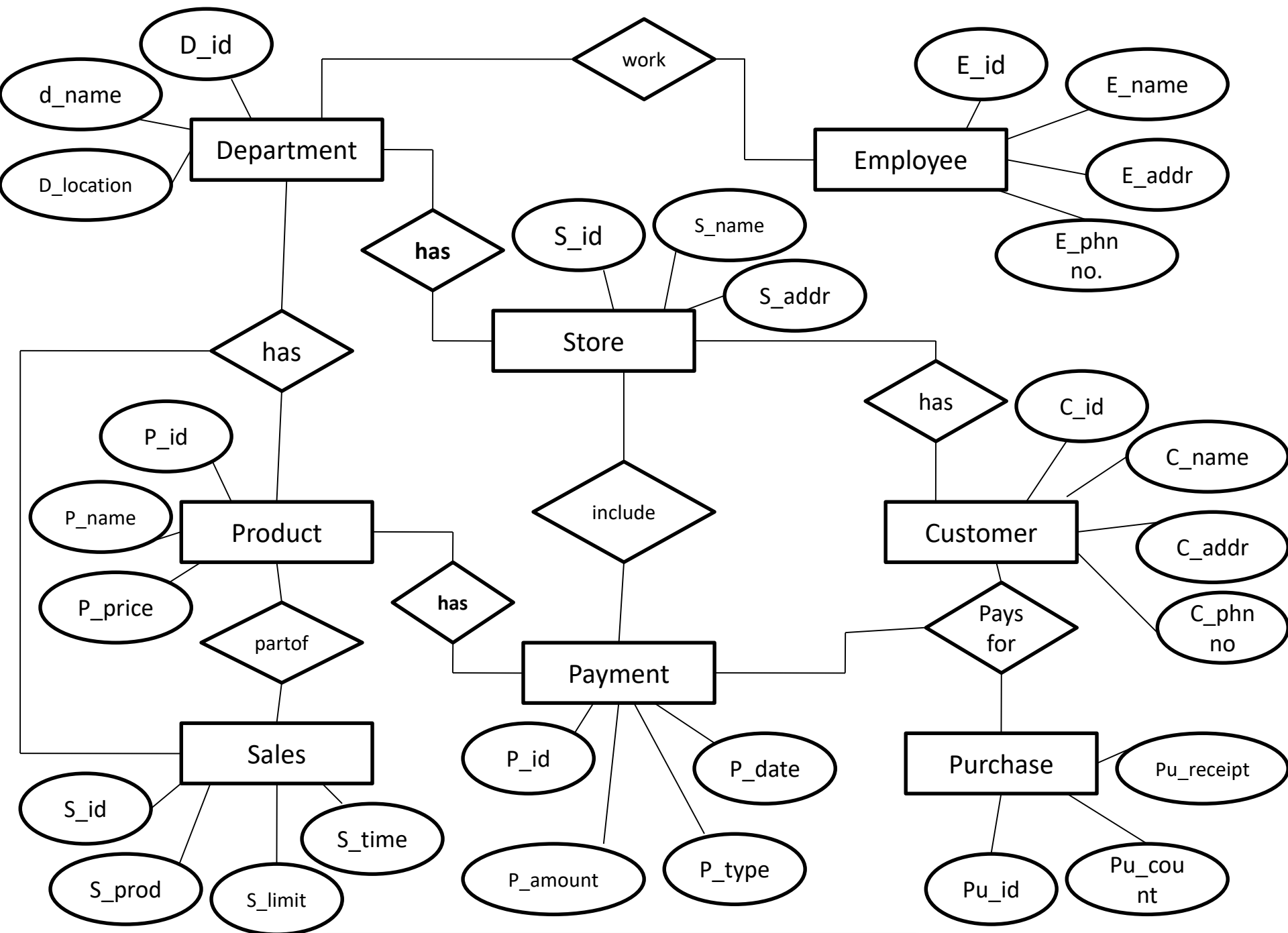
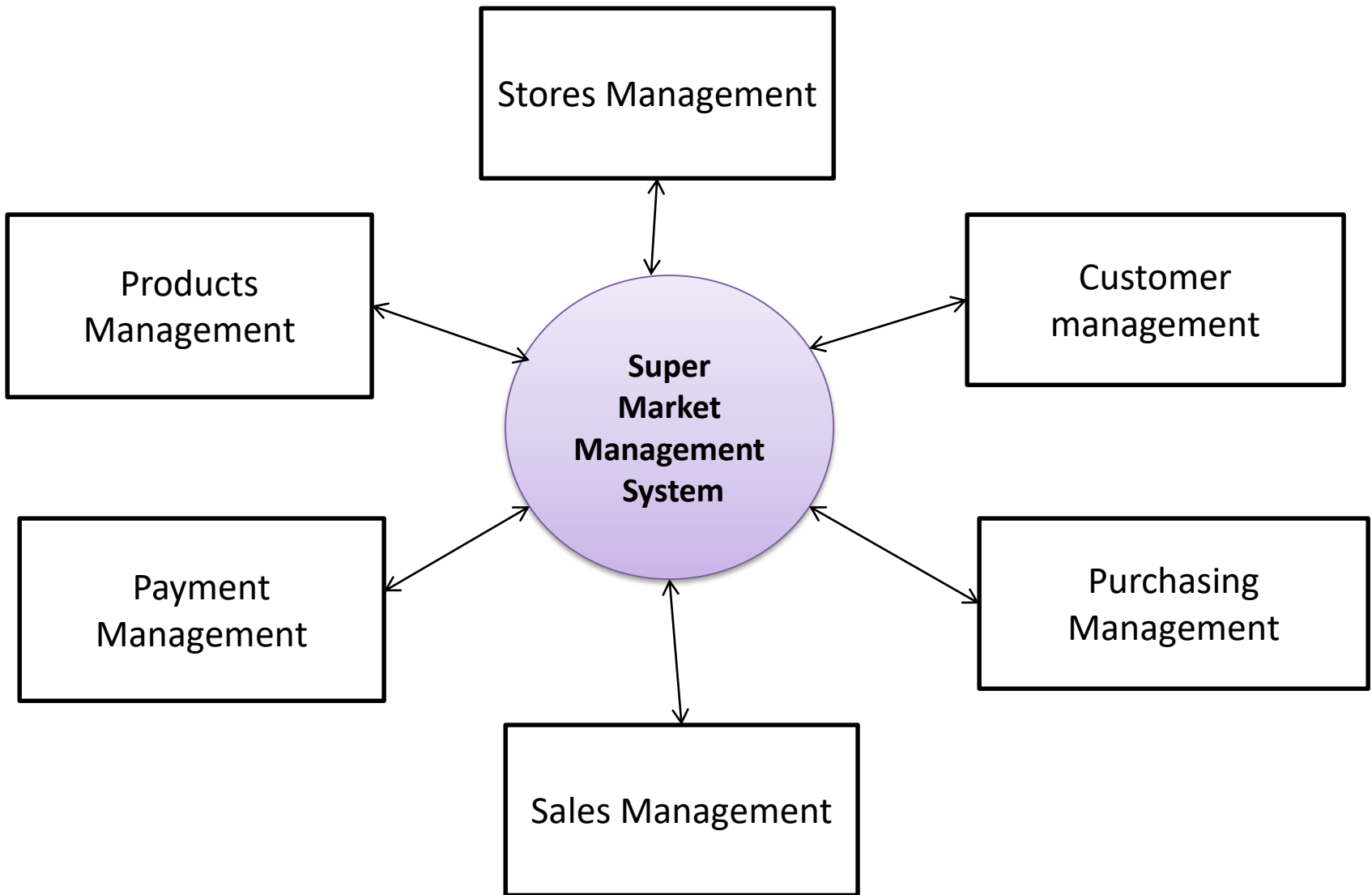
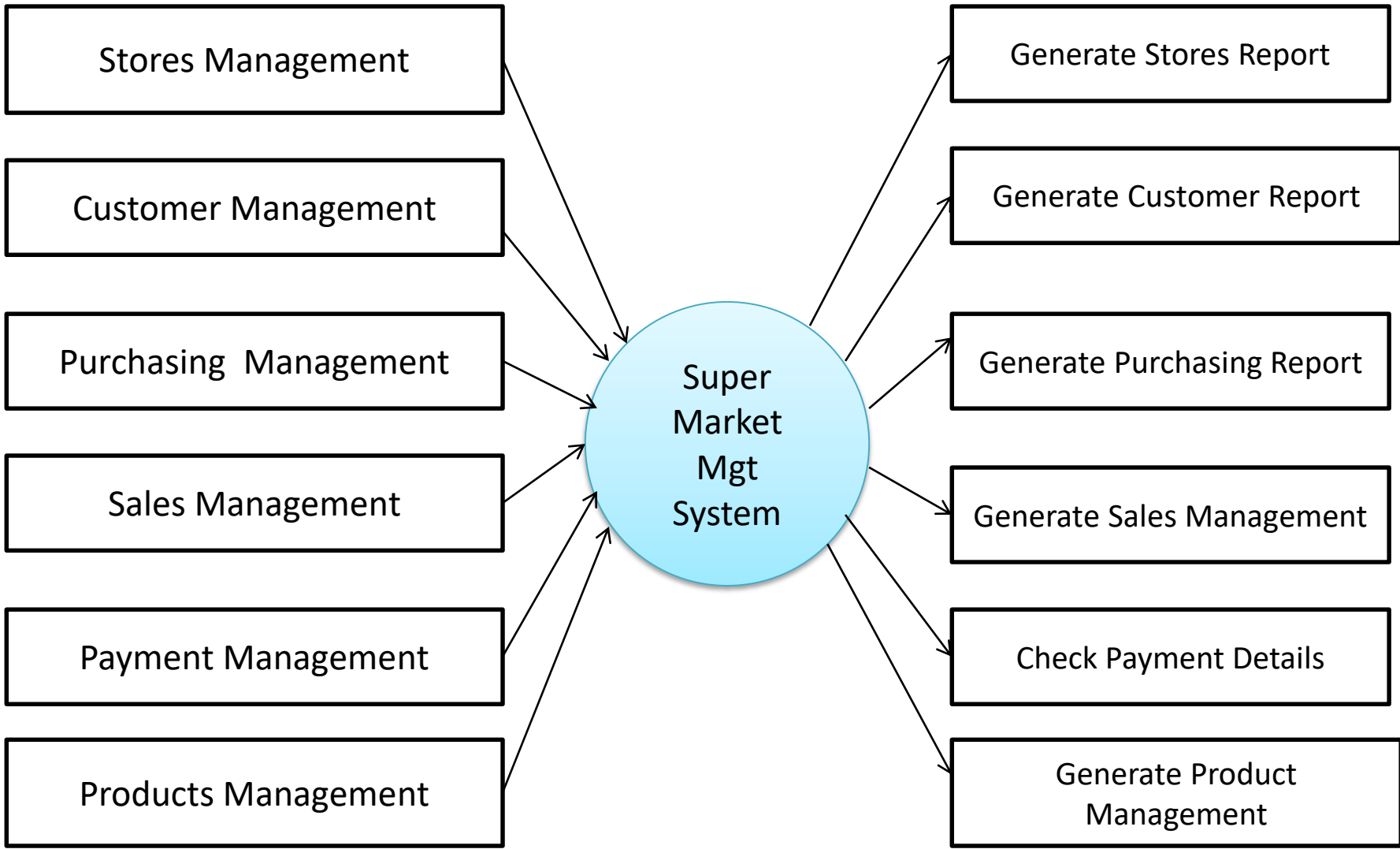


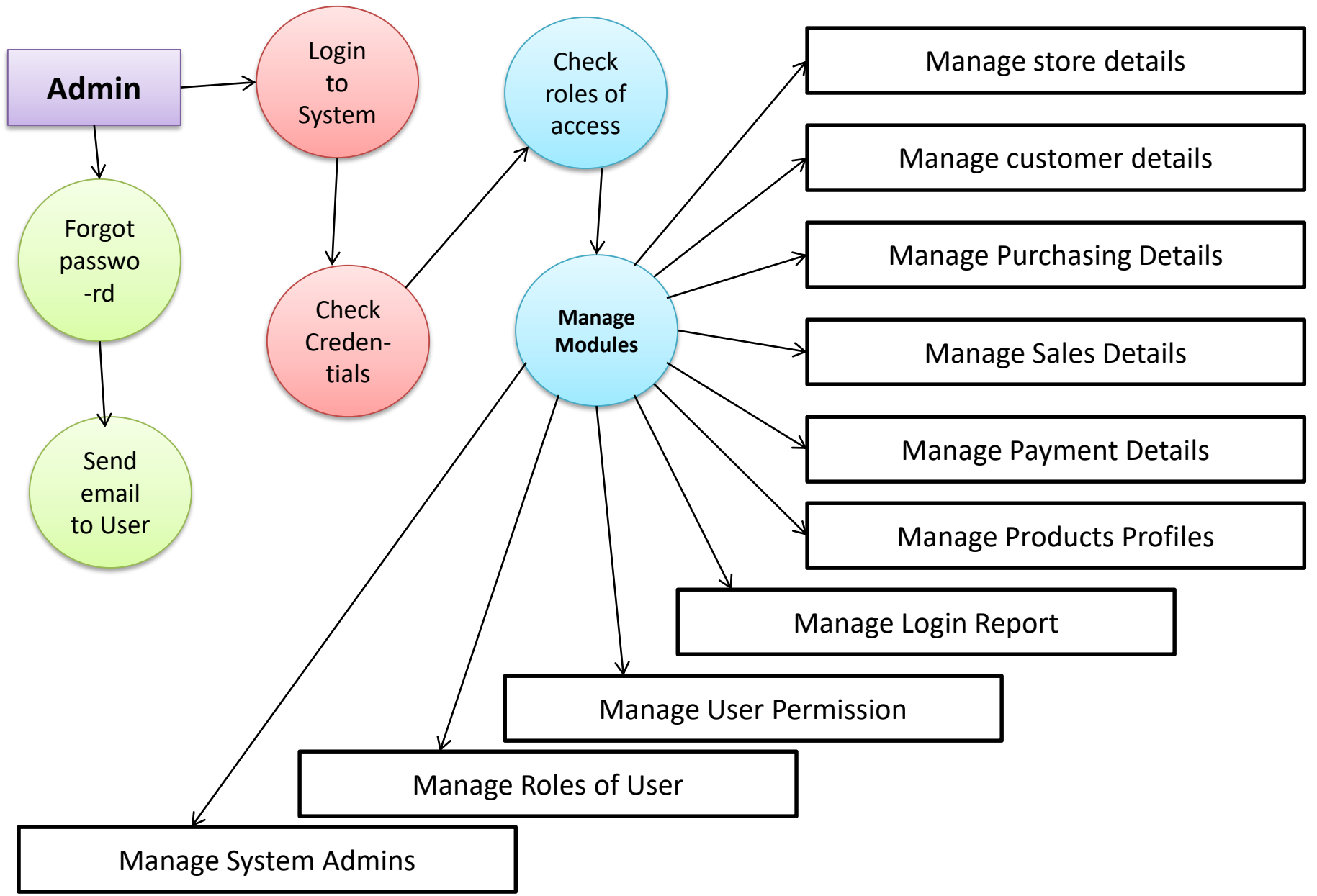
Figure 1.1: ER Diagram of a Company's Database



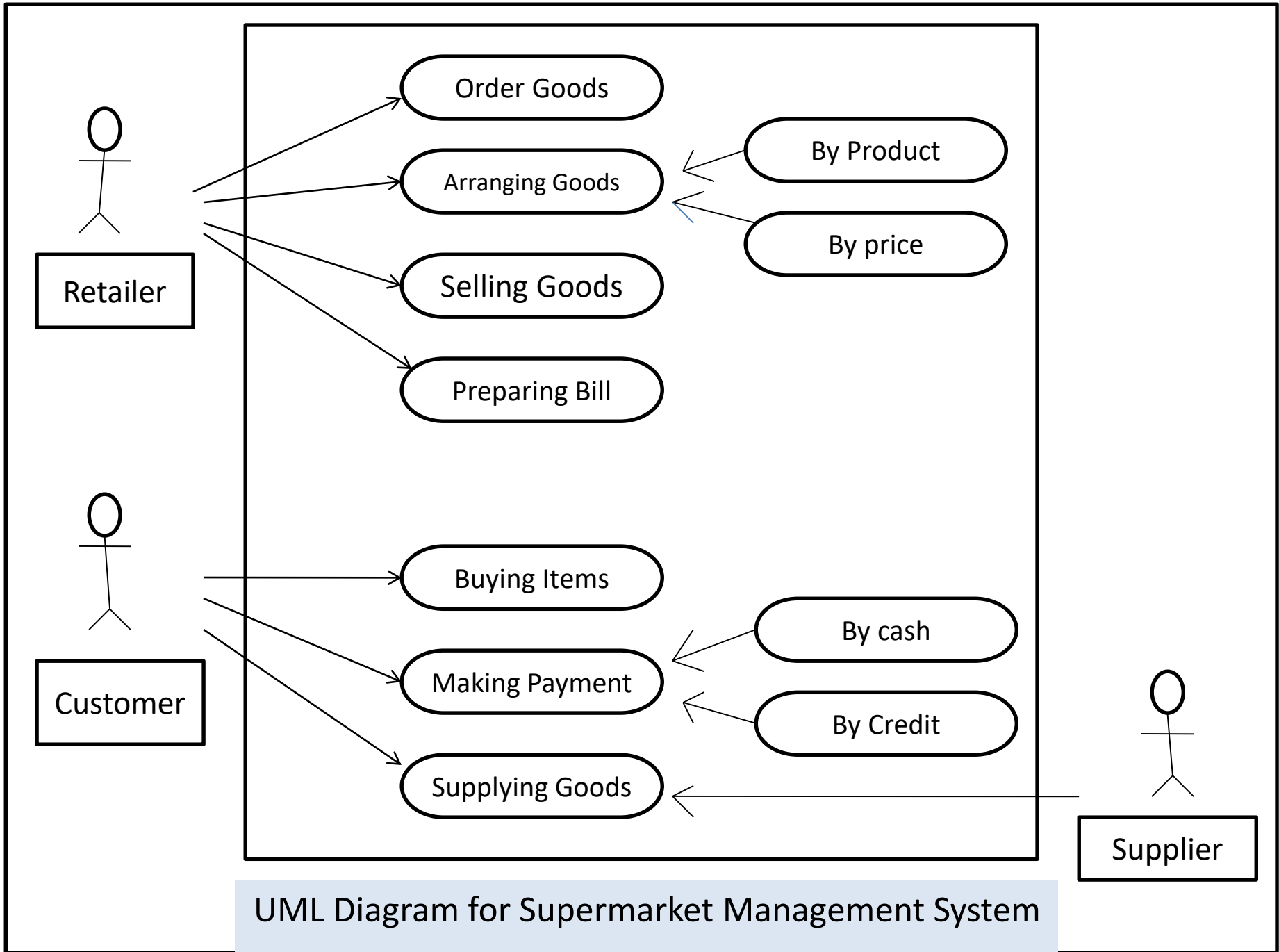
Zero Level DFD – Super Market Mgt System



First Level DFD - SMMS



Second Level DFD – Super Market Mgt System



UML Diagram for Supermarket Management System



Form1.vb* Form1.vb [Design]* Start Page

The image shows a Windows Form titled "Form1" in the design view of Microsoft Visual Basic 2008 Express Edition. The form has a light gray background and a title bar with the text "Form1" and standard window controls (minimize, maximize, close). The main content area contains the following elements:

- A large red "Login" title centered at the top.
- A "Username" label on the left, followed by a white text box with a light gray border.
- A "Password" label on the left, followed by a white text box with a light gray border.
- Two buttons at the bottom: "Login" (with a blue gradient and shadow) and "Reset" (with a gray gradient and shadow).

Properties

Form1 System.Windows.Forms.Form

ForeColor	Black
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 688
SizeGripStyle	Auto
StartPosition	WindowsDefault
Tag	
Text	Form1

Text
The text associated with the control



Admin

Add Admin Information

Admin Id

Name

Mobile

Gender **Male** **Female**

Address

Properties

Form1 System.Windows.Forms.Form

ForeColor	Control
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 685
SizeGripStyle	Auto
StartPosition	WindowsD
Tag	
Text	Form1

Text
The text associated with the control.



Form1

Admin Login

Username

Password

Properties

Form1 System.Windows.Forms.Form

ForeColor	Control
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 685
SizeGripStyle	Auto
StartPosition	WindowsD
Tag	
Text	Form1

The text associated with the control.



- Forms
- BackgroundWorker
- Navigator
- Source
- ListBox
- log
- Box
- MenuStrip
- View
- Picker
- Entry
- Searcher
- UpDown
- vider
- g
- mWatcher
- outPanel
- rowserDialog
- og
- ox
- vider
- ar
- st
- el
- TextBox
- ip
- Queue

Form1

Admin Login

Username

Password

You Have logged successfully..

Properties

Form1 System.Windows.Forms.Form

ForeColor	ControlText
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 685
SizeGripStyle	Auto
StartPosition	WindowsDefaultL
Tag	
Text	Form1

Text
The text associated with the control.



Supplier

Supplier Id **mobile**

Name **Email**

Code **Address**

Gender **Male** **Female**

Properties

Form1 System.Windows.Forms.Form

ForeColor	Control
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 685
SizeGripStyle	Auto
StartPosition	WindowsD
Tag	
Text	Form1

Text
The text associated with the control.



Form1.vb* Form1.vb [Design]* Start Page

Customer

Customer Information

Customer Id

Name

Mobile

Gender **Male** **Female**

Address

Properties

Form1 System.Windows.Forms.Form

ForeColor	Control
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 685
SizeGripStyle	Auto
StartPosition	WindowsD
Tag	
Text	Form1

Text
The text associated with the control.



Form1

Customer Login

Username

Password

Login **Reset**

Properties

Form1 System.Windows.Forms.Form

ForeColor	Control
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 685
SizeGripStyle	Auto
StartPosition	WindowsD
Tag	
Text	Form1

Text
The text associated with the control.



Forms

BackgroundWorker
 Navigator
 Source

ListBox
 MenuStrip
 View

Picker
 Entry
 Searcher
 UpDown
 Provider
 Watcher
 OutPanel
 UserDialog

Log
 Box
 Provider
 Bar
 St

TextBox
 Tip
 Queue

Goods_info

Goods Information

Goods Id	<input type="text"/>	Arrival Date	<input type="text"/>
Name	<input type="text"/>	Supplier Id	<input type="text"/>
Type	<input type="text"/>	Name	<input type="text"/>
Quantity	<input type="text"/>	Code	<input type="text"/>
Quality	<input type="text"/>	Goods Price	<input type="text"/>

Properties

Form1 System.Windows.Forms.Form

ForeColor	ControlText
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 685
SizeGripStyle	Auto
StartPosition	WindowsDefaultL
Tag	
Text	Form1

Text

The text associated with the control.



Forms

andWorker
 Navigator
 Source

ListBox
 log
 MenuStrip
 View

Picker
 Entry
 Searcher
 UpDown
 iver

mWatcher
 outPanel
 rowserDialog

og
 ox
 iver
 ar
 st

TextBox
 ip
 Queue

Sell Items

Customer Id

Goods Name

Name

Type

Mobile

Quantity

Goods Id

Price

Payment Type

Cash

Credit Card

Online

Sell Reset

Properties

Form1 System.Windows.Forms.Form

ForeColor	ControlText
FormBorderStyle	Sizable
HelpButton	False
Icon	(Icon)
ImeMode	NoControl
IsMdiContainer	False
KeyPreview	False
Language	(Default)
Localizable	False
Location	0, 0
Locked	False
MainMenuStrip	(none)
MaximizeBox	True
MaximumSize	0, 0
MinimizeBox	True
MinimumSize	0, 0
Opacity	100%
Padding	0, 0, 0, 0
RightToLeft	No
RightToLeftLayout	False
ShowIcon	True
ShowInTaskbar	True
Size	971, 685
SizeGripStyle	Auto
StartPosition	WindowsDefaultL
Tag	
Text	Form1

Text

The text associated with the control.



Form1

Admin Login

Username

Password

Properties

File Customers Products

Form1

Admin Login

Username

Password

You Have logged out successfully..

MERITS OF SUPERMARKET MANAGEMENT SYSTEM

- Data standardization and accuracy.
- Quick & accurate transactions.
- Reduced missing products and shrinkage.
- Better products management .
- In-stock information of products .
- Scan and Go feature .
- Cost saving due to decrease in manpower .
- Tracking inventory so reordering of products can be timely.

DEMERITS OF SUPERMARKET MANAGEMENT SYSTEM

- System Crash .
- Malicious Attacks/hacks.
- Power outage.
- Corrupt Harddrive – can result in the loss of data .
- Other Technical issues .
- Costly/ Expensive – to maintain the system

SCOPE

- This research work covers stock control, management and tends to correct anomalies in Supermarket business.
- It analyses opening of new stocks, stock updates and ability to view existing ones.
- It provides quick way of operation by capturing the manual process and automating them.
- This project is helpful to computerize the item transaction, sales activity record keeping which is a very huge task and maintaining the stock.

CONCLUSION

- The proposed supermarket management system is very useful for big supermarket as well as small ones .
- It manages their inventories , staffs, and records of purchases and sales.
- New features and modules can be easily added into the system.
- This project is very flexible and can adapt to the requirements of the supermarket and its users.

THANK YOU ...!!!

PROJECT REPORT ON

“ JEWELLERY SHOP MANAGEMENT SYSTEM ”

Submitted to the SavitribaiPhule Pune University, Pune In partial
fulfillment of the requirements for the award of degree
Bachelor of Business Administration

In

COMPUTER APPLICATION By

MR. Radhika Sahadev Pachbole. SEAT NO:16488
UNDER THE GUIDANCE OF Prof.Priti Nevse
(Head of the Department)



**DEPARTMENT OF BACHELOR OF BUSINESS
ADMINISTRATION**

COMPUTER APPLICATION

Mahatma Phule Mahavidyalaya Pimpri, Pune-411017

Academic year

2020-2021



RAYAT SHIKSHAN SANSTHA

CERTIFICATE

This is to certify that a project entitled

“JEWELLERY SHOP MANAGEMENT SYSTEM”

Submitted by

Ms.RADHIKA PACHBOLE

SEAT NO: 16488

Is a bonafite work carried out by her under the supervision of
Prof. PritiNevse. And **Prof. PritiNevse** is
submitted towards the partial fulfillment of the requirement of Savitribai Phule
Pune University, Pune for the award of the degree of Bachelor of Business
Administration(Computer Application).

Prof. Dnyaneshwar Narwate (Project Guide)

H. O. D.

B.B.A. (Computer Application)
Mahatma Phule Mahavidyalaya,
Pimpri, Pune-411 017.



Principal,
Mahatma Phule Mahavidyalaya,
Pimpri Pune-17

ACKNOWLEDGMENT

I am very much delighted to present my project work on “JEWELLERY SHOP MANAGEMENT SYSTEM”.

The words are not enough to express my thanks to **Prof. PRITI NEWASE** for providing me with the opportunity to avail the excellent facilities and infrastructure of the institute.

It is my proud privilege to express my profound gratitude to **Prof. PRITI NEWASE (HOD) BBA(CA) Department**, for her astute guidance, constant encouragement and sincere support throughout my academic course.

I thank you with my honest gratitude to **Prof. PRITI NEWASE** for her inspiration, constructive suggestions and affectionate guidance in my project work completion.

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SENCEEARLY

RADHIKA PACHBOLE.

T.Y.BCA

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10	Limitations	10
11	Future Enhancement	11
12	Conclusion	12
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Introduction

Jewellery Shop Management System is for managing Product, Customer

, Billing, Payment, Sales, Quality record of any Jewellery Shop Management System

They have to maintain all records manually which involves

Record keeping of Product, Customer, Billing, Payment, Sales, Quality.

. This new system will replace entire manual

Task with computer based system.

Scope of System

**This project deals with the various functioning
In Jewellery Shop Management System. The main idea is
to**

Implement a proper process to system.

**In our existing system contains a many
operations**

Production , Sales,Customers ,Quality, Billing, etc.

**To provide a data records of a customer. It helps
To searching details easily.**

Feasibility Study

Feasibility study is made to see if the project on completion will serve the purpose of the organization for the amount of work, effort and the time that spend on it.

The document provide the of the project that is being designed and lists various areas that were considered very carefully during the feasibility study of this project such as technical, Economic and Oprational feasibilities.

Proposed System

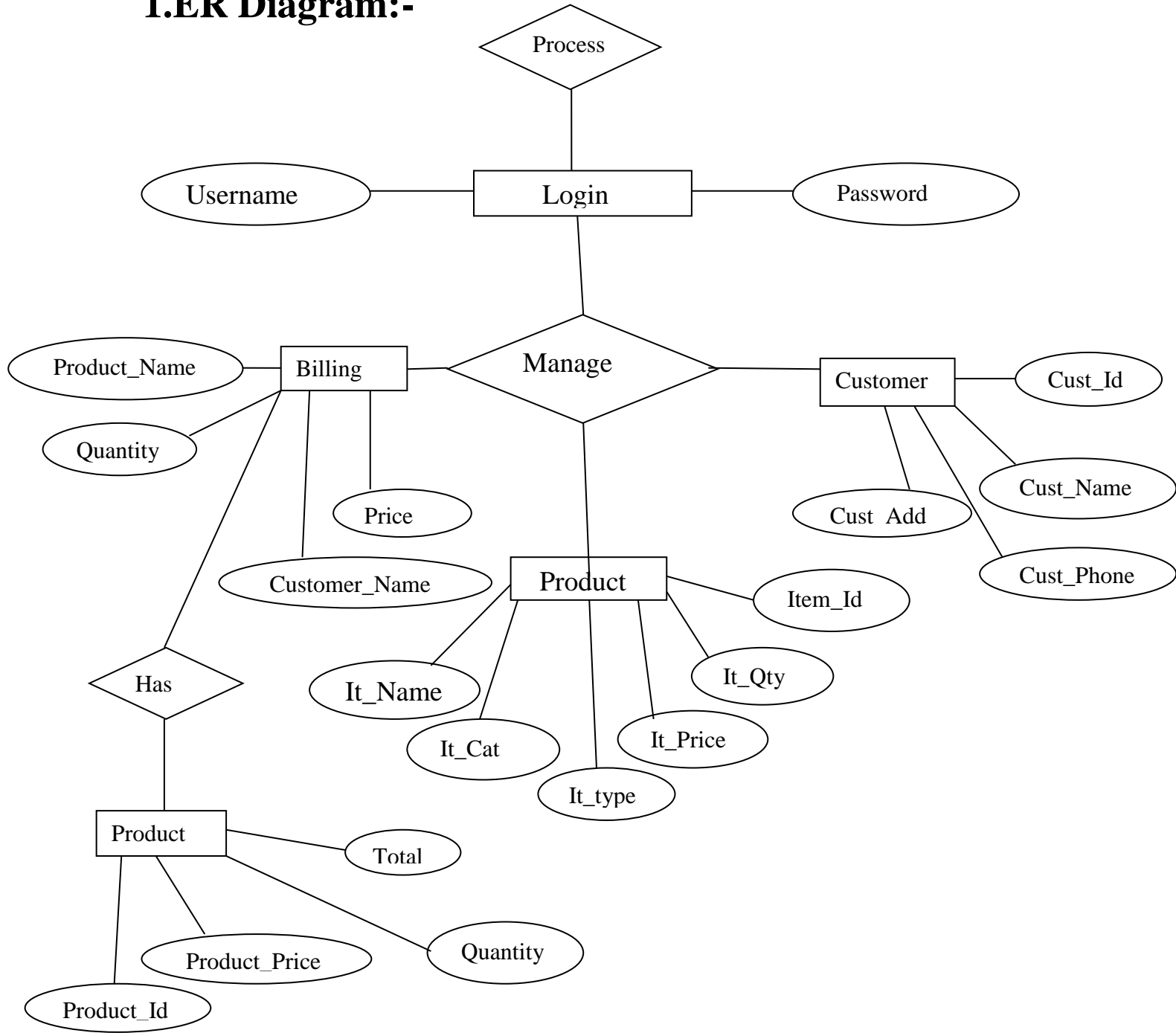
The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

- To computerize the system.**
- To reduce data redundancy.**
- To eliminate the delays in report generation.**
- To facilitate faster searching of information.**
- Thus reducing time, energy and cost.**
- To give Assurance To the customers About Maintaining data privacy and security.**

Hardware/Software Required

- **Windows x/10 operation system.**
- **Dot Net**
- **Microsoft office Access.**
- **Processor: Intel Pentium**
- **RAM: 4 GB.**
- **Internal memory : 500 GB.**

System Design:-
1.ER Diagram:-

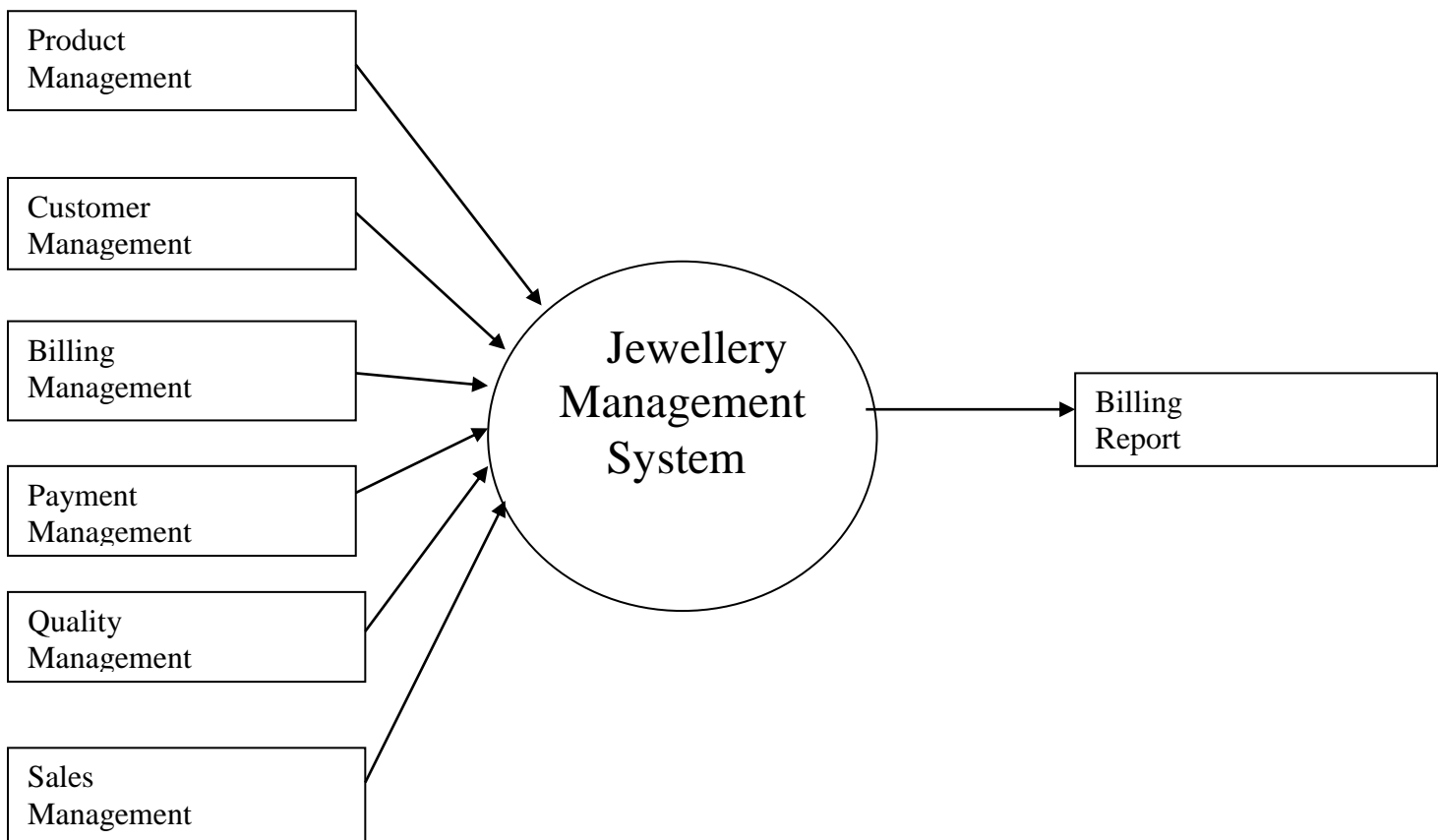


Data Flow Diagram:-

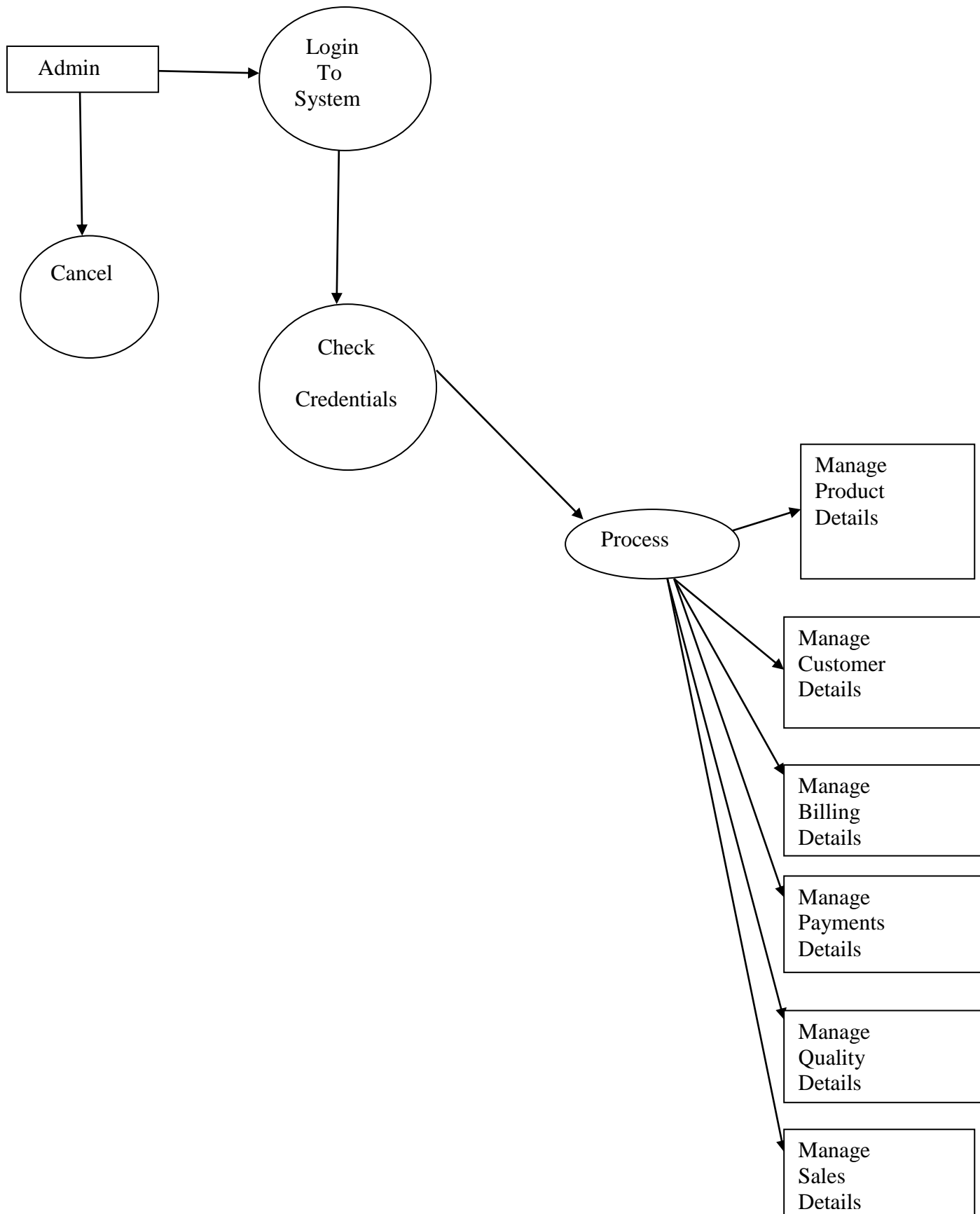
1.Zeroth Level Diagram:-



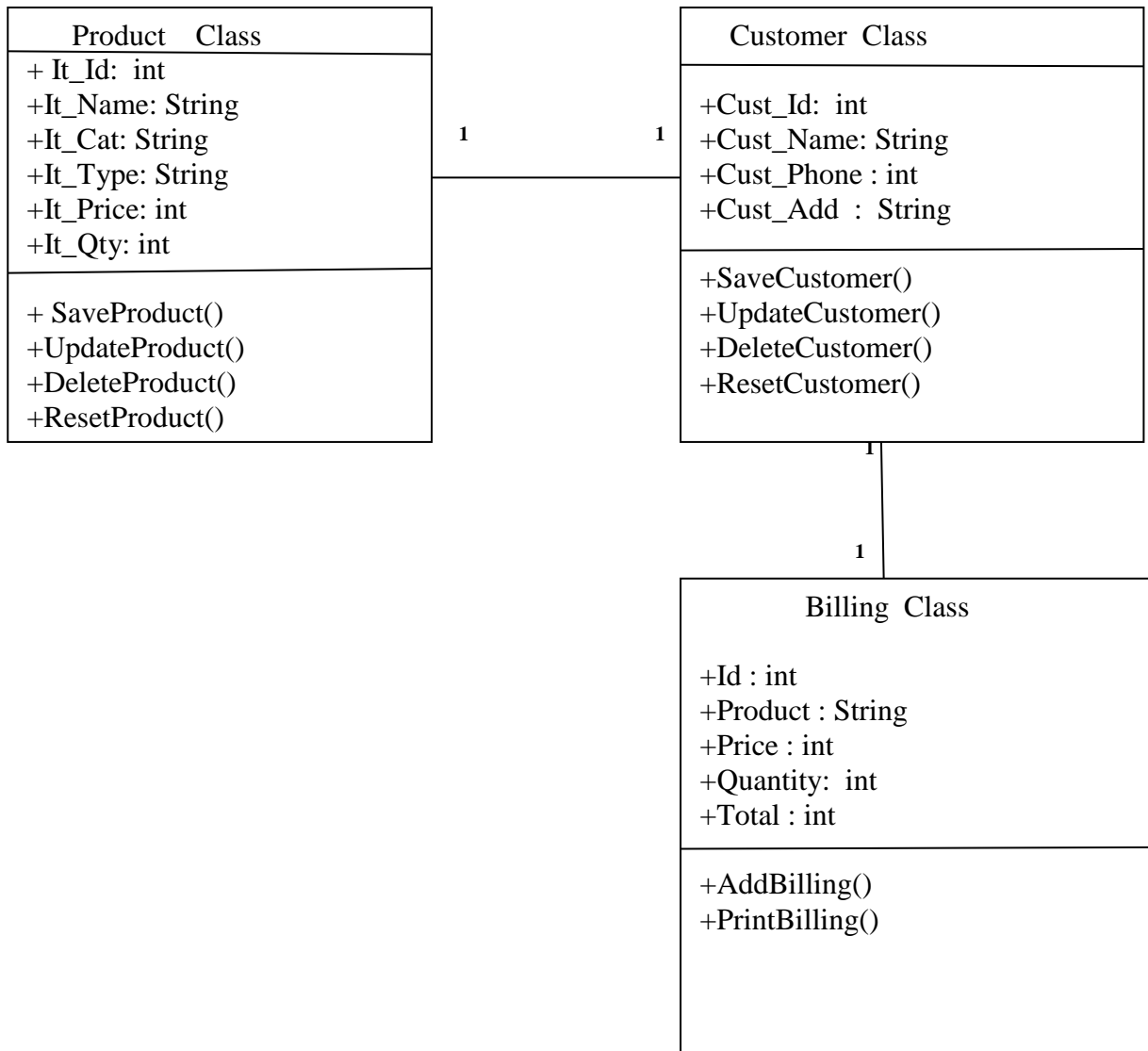
2.First Level Diagram:-



3)Secound Level Diagram:-



Class Diagram:-



Component Diagram :-

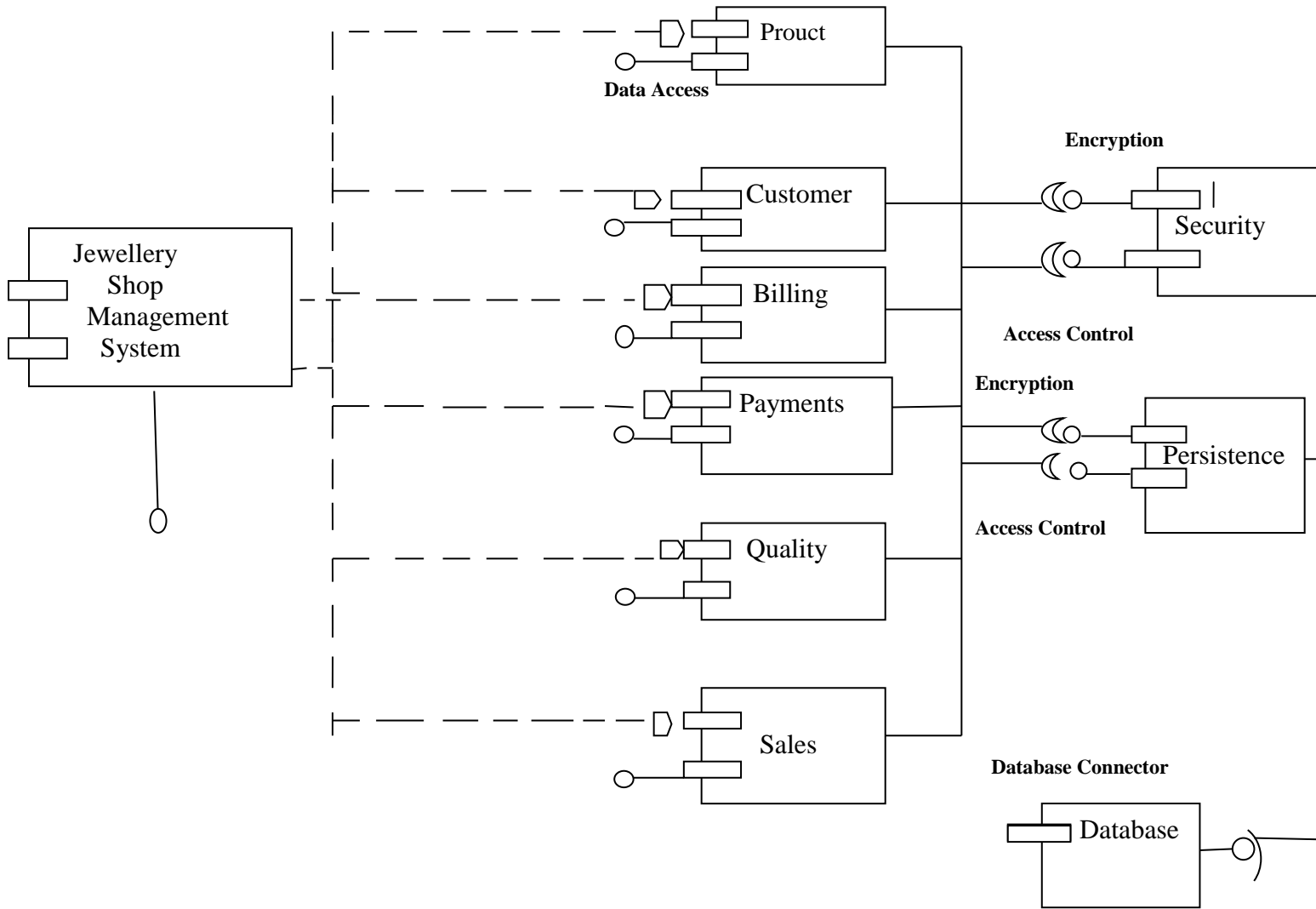
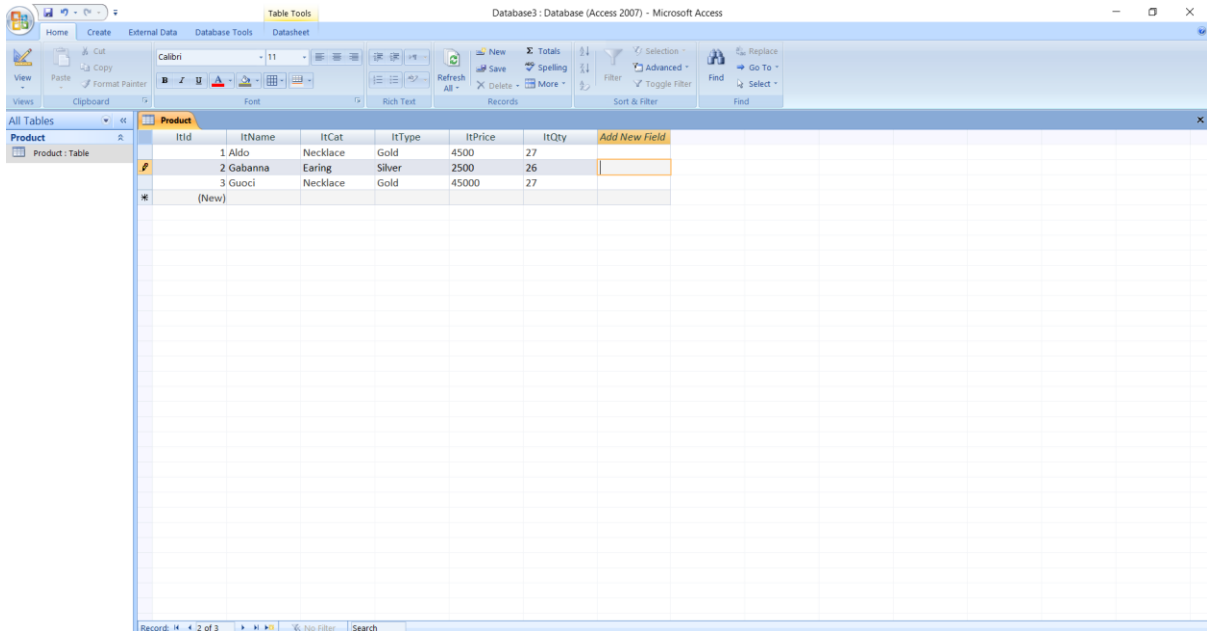


Table Design

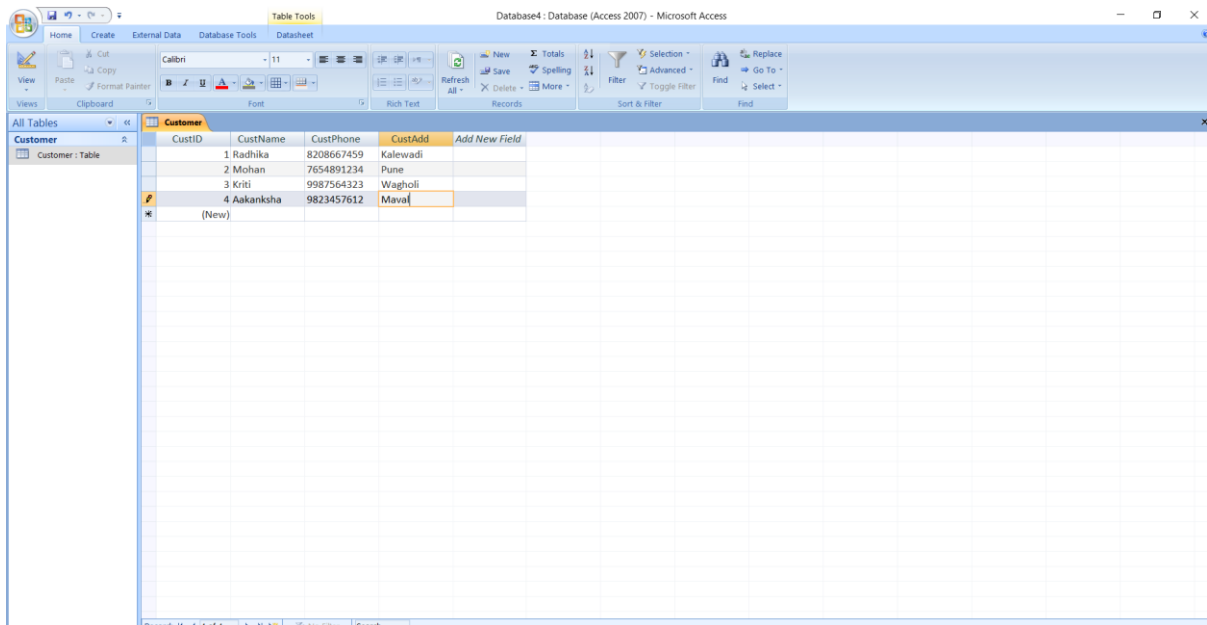
1. Product Information :-



The screenshot shows the Microsoft Access interface for a table named 'Product'. The table has the following fields:

ITId	ITName	ITCat	ITType	ITPrice	ITQty	Add New Field
1	Aldo	Necklace	Gold	4500	27	
2	Gabanna	Earring	Silver	2500	26	
3	Guoci	Necklace	Gold	45000	27	
	(New)					

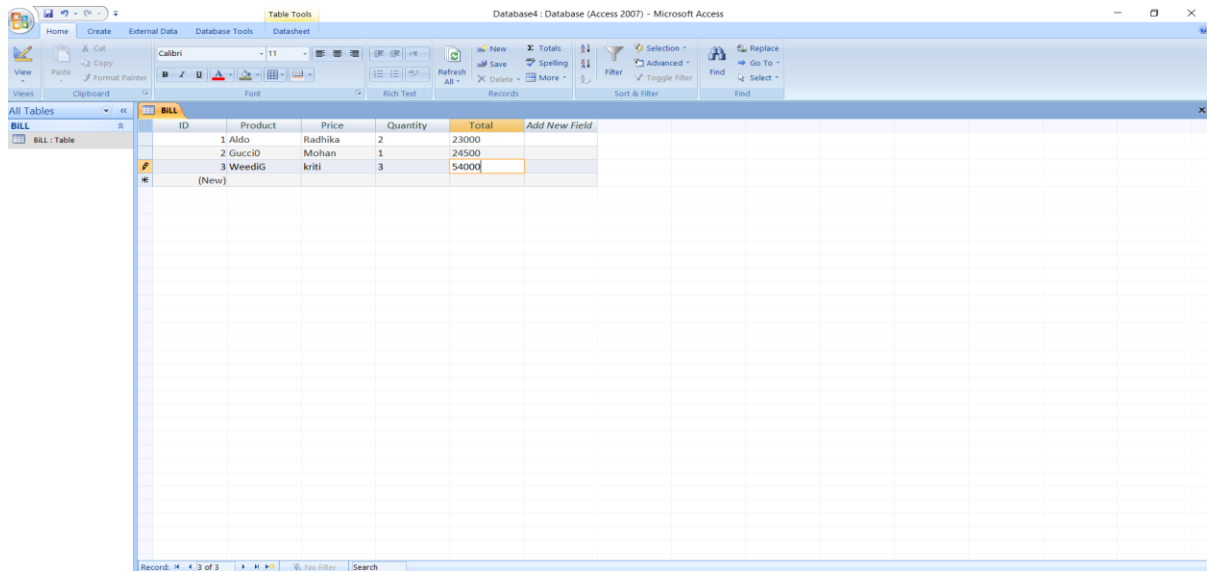
2. Customer Information :-



The screenshot shows the Microsoft Access interface for a table named 'Customer'. The table has the following fields:

CustID	CustName	CustPhone	CustAdd	Add New Field
1	Radhika	8208667459	Kalewadi	
2	Mohan	7654891234	Pune	
3	Kirti	9987564323	Wagholi	
4	Aakanksha	9823457612	Maval	
	(New)			

3. Billing Information :-



The screenshot displays the Microsoft Access interface for a database named 'Database4 - Database (Access 2007)'. The 'Table Tools' ribbon is active, showing various options like 'New', 'Refresh All', 'Records', 'Filter', and 'Find'. The 'All Tables' pane on the left shows the 'BILL' table selected. The main window displays the 'BILL' table in a grid view with the following data:

ID	Product	Price	Quantity	Total	Add New Field
1	Aldo	Radhika	2	23000	
2	Gucci0	Mohan	1	24500	
3	WeediG	kriti	3	54000	
	(New)				

At the bottom of the window, the status bar indicates 'Record: 1 of 3' and 'No Filter'.

Input Screens :-

1)Processing :-



2)Login :-



3) Product:-

The screenshot shows a web application interface for managing products. At the top, there are two tabs: 'Products' (selected) and 'Customers'. Below the tabs is a search icon and a necklace icon. The main form has five input fields: 'Item', 'Categories', 'Types', 'Price', and 'Quantity'. Below these fields are four buttons: 'Save', 'Update', 'Delete', and 'Reset'. Below the form is a 'Products List' section with two dropdown menus (one set to 'Ring' and one to 'Silver') and a refresh icon. Below the dropdowns is a table with the following data:


ItemId	ItemName	ItemCat	ItemType	ItemPrice	ItemQty
1	Guadi001	Necklace	Silver	3900	9
3	Dolce01	Earing	Silver	8500	39
6	Aldo	Necklace	Silver	3200	25
8	Givena	Earing	Gold	8450	27
9	Guadi	Necklace	Gold	45000	18
10	WeediG	Ring	Diamond	29000	12

4) Customer:-

The screenshot shows a web application interface for managing customers. At the top, there are two tabs: 'Products' and 'Customers' (selected). Below the tabs is a search icon and a necklace icon. The main form has three input fields: 'Name', 'Phone', and 'Address'. Below these fields are four buttons: 'Save', 'Update', 'Delete', and 'Reset'. Below the form is a 'Customers List' section with a table containing the following data:

CustId	CustName	CustPhone	CustAdd
2	Mohan	2587531465	Kolar
3	Aziz	7836541536	Delhy
4	Hassan	123852456	TC Palya
5	Reddy	1237894562	ITI Colony

5)Billing :-

 **Billing** X

BILL

ID	Product	Price	Quantity	Total
----	---------	-------	----------	-------

Product Name Quantity

Customer Name Price

Add To Bill

Print Total

Customers List

CustId	CustName	CustPhone	CustAdd
3	Aziza	7836541536	Delhy
4	Hassan	123852456	TC Palya
5	Reddy	1237894562	ITI Colony
7	Ansu	4567531592	TC Palya

Products List

ItId	ItName	ItCat	ItType	ItPrice	ItQty
1	Gucci0...	Neckla...	Silver	3900	9
3	Dolce01	Earing	Silver	8500	41
6	Aldo	Neckla...	Silver	3200	26
8	Givenci	Earing	Gold	8450	28
9	Gucci	Neckla...	Gold	45000	18
10	WeediG	Ring	Diamond	29000	14

Limitations :-

Reports are supposed to be seen managerial level person, but it is not secured by password so any other person can see the reports who is operating the system.

If the password of system changed by the wrong person they no 1 else can access the system until the password is known.

Single User Interface.

Future Enhancement :-

The System may be further update or modified At will owing to its simple structure.

Depending on future requirements more changes Can be made owing to the shop Owner's need.

Conclusion :-

To conclude , Project Data Grid works like a component which can access all the databases and picks up different functions.

It overcomes the many limitations incorporated in the attendance.

Bibliography :-

- Visual Basic[Black Book]
- Visual Basic 6.0[The Complete Reference]-By
- Noel Jerke

Online References :-

- www.tutorialpoint.com
- www.w3school.com
- www.google.com
- www.youtube.com

PROJECT REPORT ON
“ IMS INSTITUTE MANAGEMENT SYSTEM”

**Submitted to the SavitribaiPhule Pune University, Pune In partial
fulfillment of the requirements for the award of degree
Bachelor of Business Administration**

In

COMPUTER APPLICATION By

MR. Radhika Sahadev Pachbole. SEAT NO:16557
UNDER THE GUIDANCE OF Prof.Priti Nevse
(Head of the Department)



**DEPARTMENT OF BACHELOR OF BUSINESS
ADMINISTRATION**

COMPUTER APPLICATION
Mahatma Phule Mahavidyalaya Pimpri, Pune-411017
Academic year
2020-2021



RAYAT SHIKSHAN SANSTHA

CERTIFICATE

This is to certify that a project entitled

“IMS INSTITUTE MANAGEMENT SYSTEM”

Submitted by

Ms.RADHIKA PACHBOLE

SEAT NO: 16557

Is a bonafite work carried out by her under the supervision of
Prof. PritiNevse. And **Prof. PritiNevse** is
submitted towards the partial fulfillment of the requirement of Savitribai Phule
Pune University, Pune for the award of the degree of Bachelor of Business
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Prof. Pallavi Suryawanshi (Project Guide)

H. O. D.

**B.B.A. (Computer Application)
Mahatma Phule Mahavidyalaya,
Pimpri, Pune-411 017.**



**Principal,
Mahatma Phule Mahavidyalaya,
Pimpri Pune-17**

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SENCEEARLY

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T.Y.BCA

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Introduction

Institute Management System is for managing staff ,
Students, library record of any Institute Management System
They have to maintain all records manually which involves
Record keeping of student , employee , courses ,employee
Salary and attendance and their transaction.

This new system will replace entire manual
Task with computer based system.

Scope of System

**This project deals with the various functioning
In Institute Management System. The main idea is to
Implement a proper process to system.**

**In our existing system contains a many
operations**

**Registration , student search , fees , attendance ,performance of
the student , followups etc.**

**To provide a data records of a customer. It helps
To searching details easily.**

Feasibility Study

Feasibility study is made to see if the project on completion will serve the purpose of the organization for the amount of work, effort and the time that spend on it.

The document provide the of the project that is being designed and lists various areas that were considered very carefully during the feasibility study of this project such as technical, Economic and Oprational feasibilities.

Proposed System

The aim of proposed system is to develop a system of improved facilities. The proposed system can overcome all the limitations of the existing system. The system provides proper security and reduces the manual work.

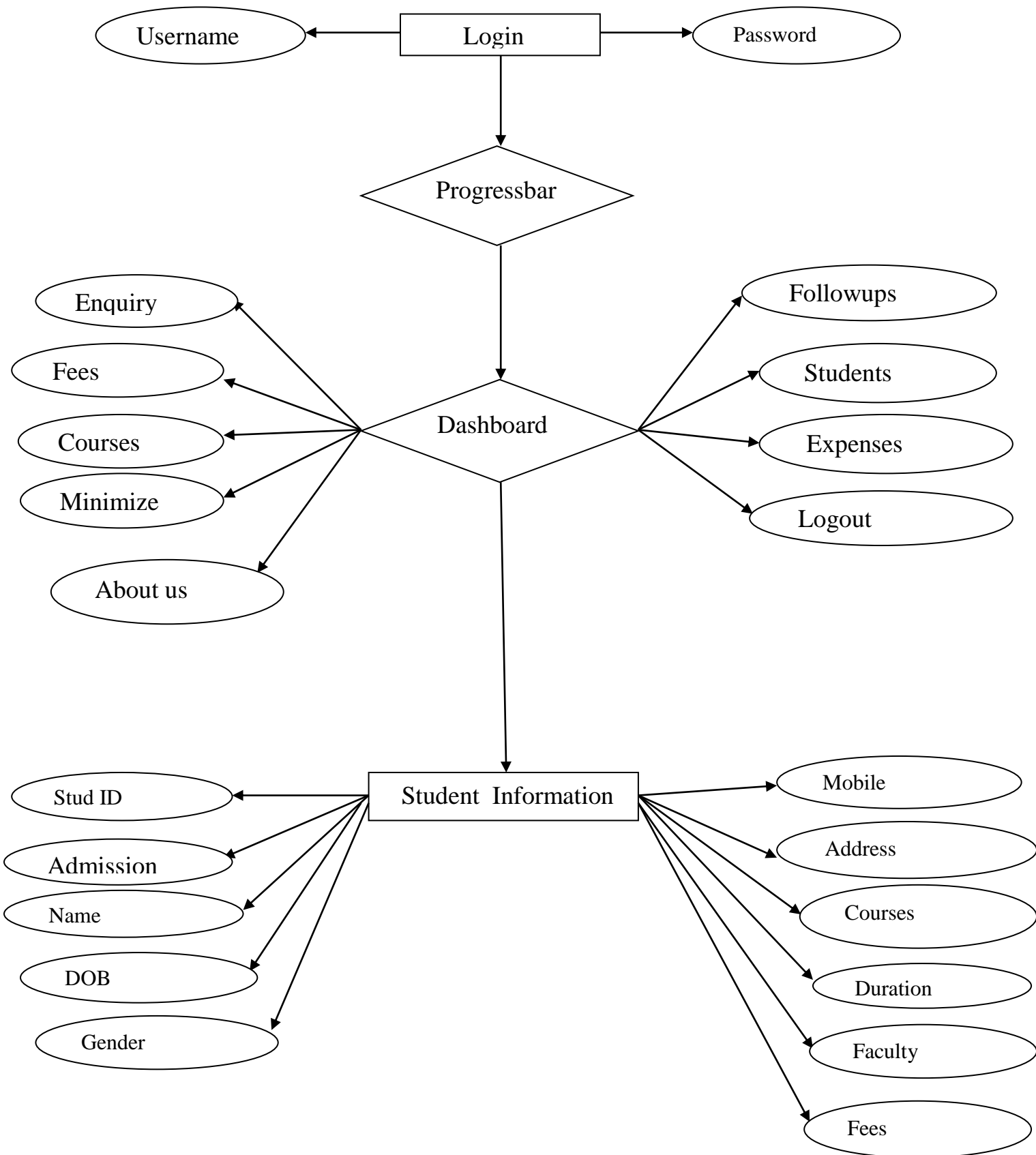
- To computerize the system.**
- To reduce data redundancy.**
- To eliminate the delays in report generation.**
- To facilitate faster searching of information.**
- Thus reducing time, energy and cost.**
- To give Assurance To the customers About Maintaining data privacy and security.**

Hardware/Software Required

- **Windows x/10 operation system.**
- **Microsoft visual basic 6.0.**
- **Microsoft office Access.**
- **Processor: Intel Pentium**
- **RAM: 4 GB.**
- **Internal memory : 500 GB.**

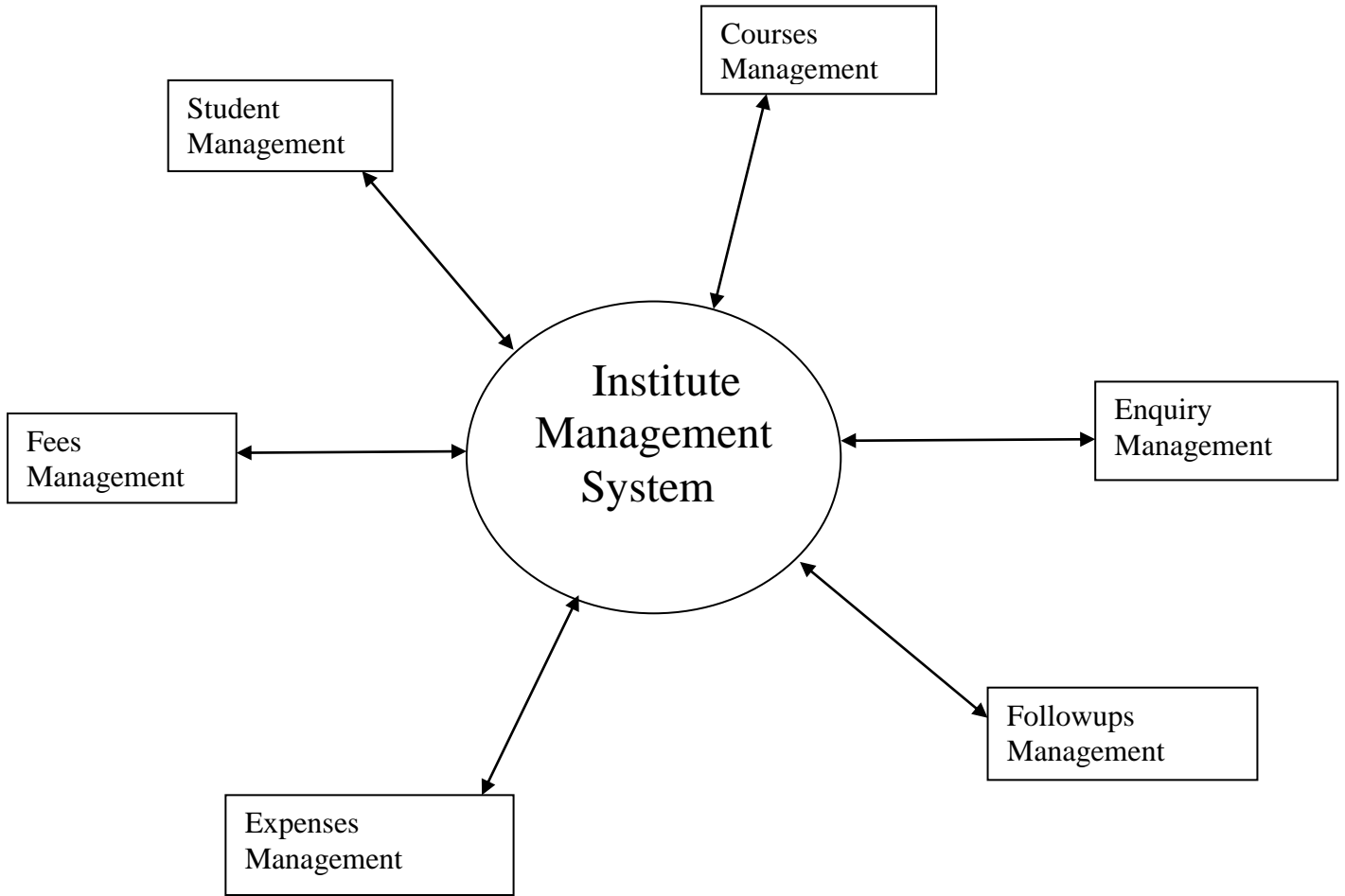
System Design:-

1.ER Diagram:-



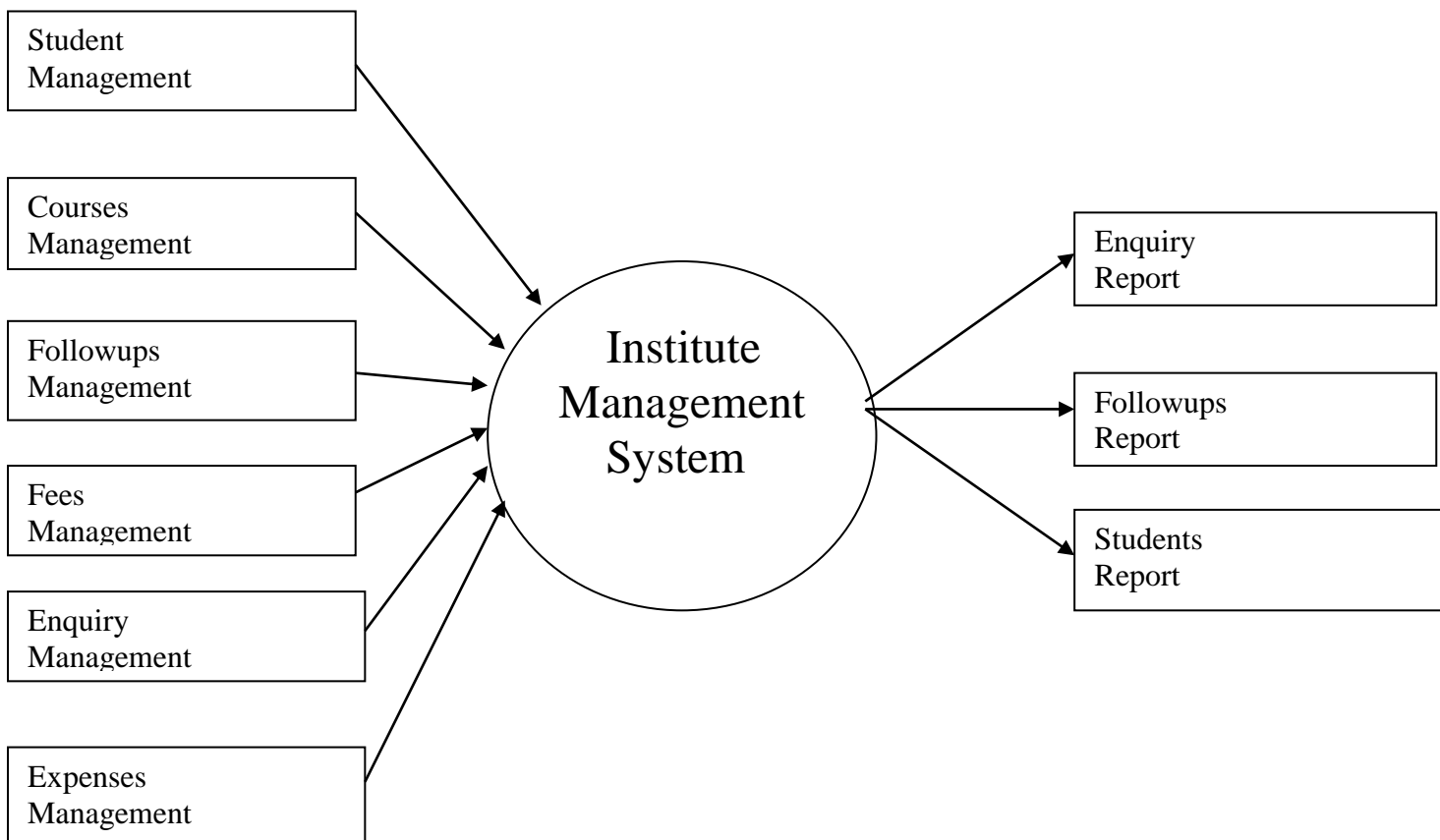
Data Flow Diagram:-

1.Zeroth Level Diagram:-



Data Flow Diagram:-

2.First Level Diagram:-



Data Flow Diagram:-

3)Secound Level Diagram:-

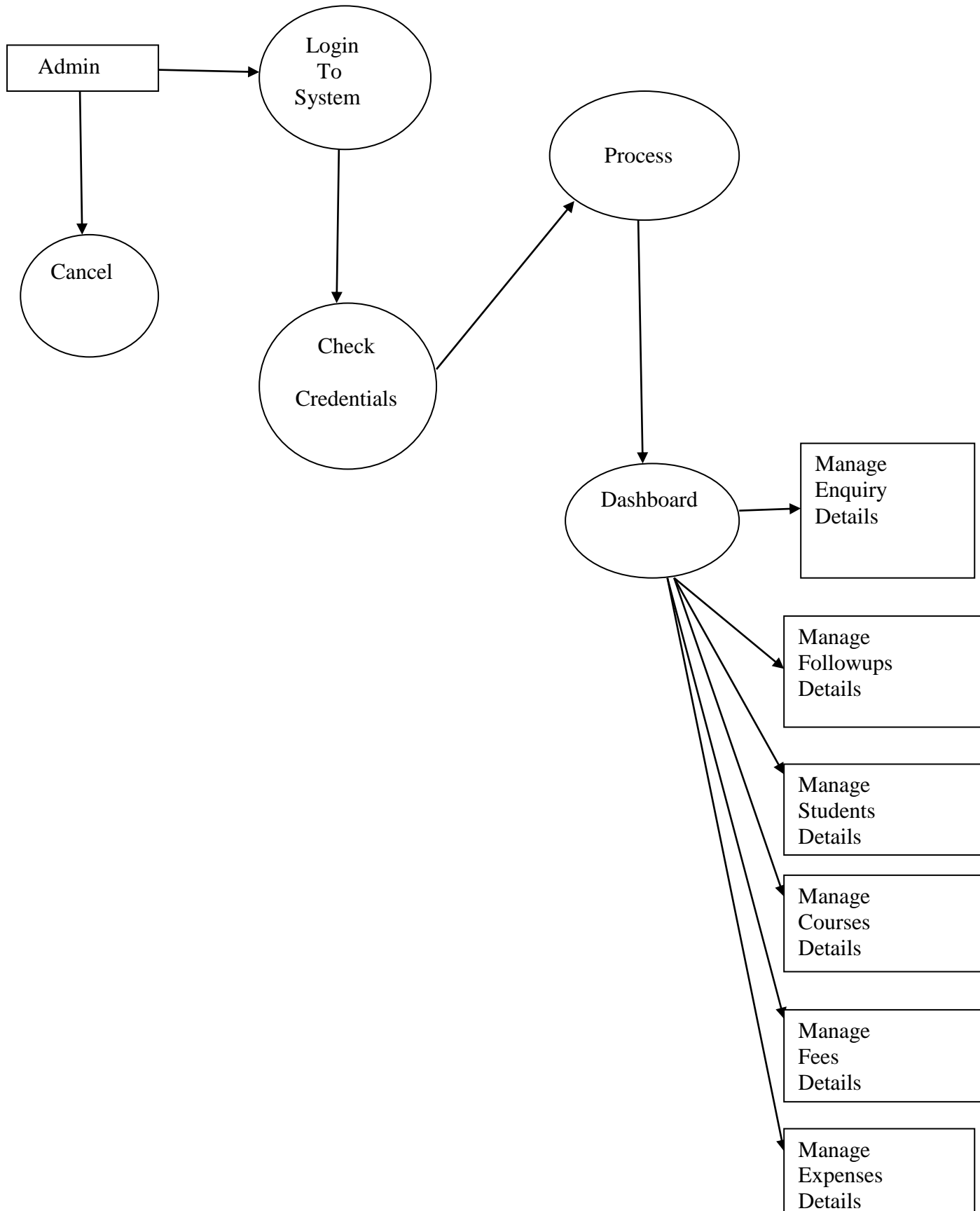
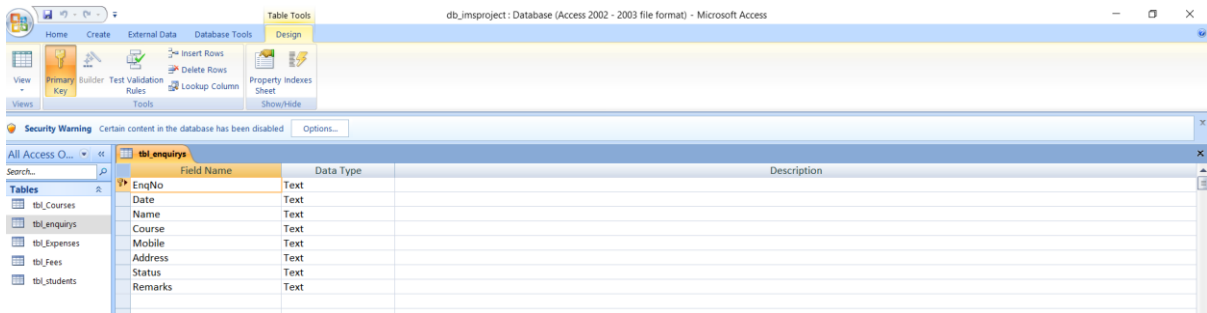


Table Design

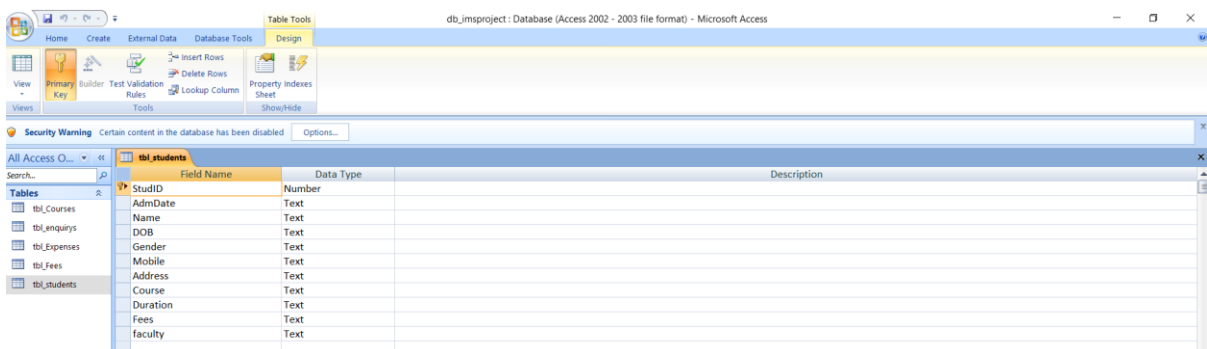
1 .Enquiry Information :-



The screenshot shows the Microsoft Access interface with the 'tbl_enquiries' table in design view. The table has the following fields:

Field Name	Data Type	Description
EnqNo	Text	
Date	Text	
Name	Text	
Course	Text	
Mobile	Text	
Address	Text	
Status	Text	
Remarks	Text	

2.Students Information :-



The screenshot shows the Microsoft Access interface with the 'tbl_students' table in design view. The table has the following fields:

Field Name	Data Type	Description
StudID	Number	
AdmDate	Text	
Name	Text	
DOB	Text	
Gender	Text	
Mobile	Text	
Address	Text	
Course	Text	
Duration	Text	
Fees	Text	
faculty	Text	

3. Courses Information :-

The screenshot shows the Microsoft Access interface with the 'tbl_Courses' table selected in the Design view. The table has five fields: courseID (Number), courseName (Text), coursefees (Number), Duration (Text), and faculty (Text). The 'courseID' field is marked as the primary key.

Field Name	Data Type	Description
courseID	Number	
courseName	Text	
coursefees	Number	
Duration	Text	
faculty	Text	

4.Fees Information :-

The screenshot shows the Microsoft Access interface with the 'tbl_Fees' table selected in the Design view. The table has nine fields: ReceiptNo (Number), Date (Text), Name (Text), Course (Text), Totalfee (Number), Paidfee (Number), Payingfee (Number), and Balance (Number). The 'ReceiptNo' field is marked as the primary key.

Field Name	Data Type	Description
ReceiptNo	Number	
Date	Text	
Name	Text	
Course	Text	
Totalfee	Number	
Paidfee	Number	
Payingfee	Number	
Balance	Number	

5. Expenses Information :-

The screenshot shows the Microsoft Access interface with the 'tbl_Expense' table selected in the Design view. The table has five fields: ExpensesID (Number), Date (Text), Amount (Number), Description (Text), and ExpensesBy (Text). The 'ExpensesID' field is marked as the primary key.

Field Name	Data Type	Description
ExpensesID	Number	
Date	Text	
Amount	Number	
Description	Text	
ExpensesBy	Text	

Input Screens



Proceed

Exit

INSTITUTE MANAGEMENT SYSTEM

Developed By : Radhika Sahadev Pachbole TY.BBA(CA) 5th SEM 2020.

Login:



Username

Password

Login **Cancel**



Initializing.... 56%

Dashboard:

- Enquiries
- Followups
- Students
- Courses
- Fees
- Expenses
- About us
- Minimize
- Logout

Notification Area

18:26:38
10-05-2021
Monday

Institute Management System



INSTITUTE MANAGEMENT SYSTEM

Enquiry:

Search:
 By Enquiry No: By Name:

Menus:

ENQUIRYS:

Enquiry No.	<input type="text" value="4"/>
Date	<input type="text" value="04-08-2020"/>
Name	<input type="text" value="Manali RR"/>
Course	<input type="text" value="Visual Basic"/>
Mobile	<input type="text" value="5311387965"/>
Address	<input type="text" value="Rahatani"/>
Status	<input type="text" value="Enquired"/>
Remarks	<input type="text" value="ok"/>

Followups :

Search:
 By Enquiry No: By Name:

Menus:

Followups:

EnqNo	<input type="text" value="4"/>
Date	<input type="text" value="04-08-2020"/>
Name	<input type="text" value="Manali RR"/>
Course	<input type="text" value="Visual Basic"/>
Mobile	<input type="text" value="5311387965"/>
Address	<input type="text" value="Rahatani"/>
Status	<input type="text" value="Enquired"/>
Remarks	<input type="text" value="ok"/>

Students :

Search: By Name:

Menus:

Students:

Stud ID
Admission
Name
DOB
Gender Male Female
Mobile
Address
Course
Duration
Fees
Faculty

Courses :

Search :

Courses :

Course ID
Course Name :
Fees :
Duration :
Faculty :

Fees :

Search :
 Receipt No : Search Name : Search Clear Search

Menus :

- New
- Save
- View
- Update
- Delete
- Search
- Minimize
- <<Dashboard
- ||<<
- <
- >
- >>||

Fees :

Receipt No :

Date :

Name :

Course :

Total Fees :

Paid Fees :

Paying Fees :

Balance:

Expenses :

Search :
 By Expenses ID : Search Clear Search

Menus :

- New
- Save
- View
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- <<Dashboard
- ||<<
- <
- >
- >>||

Expenses :

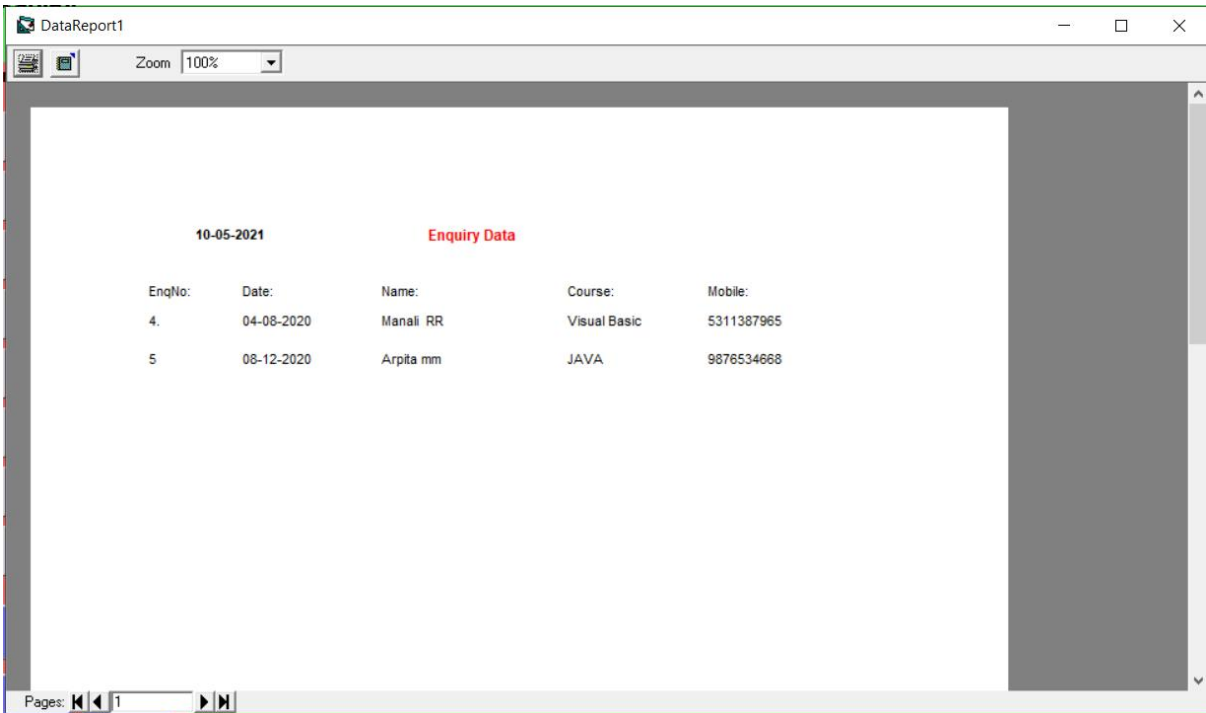
Expense ID :

Date :

Ammount :

Description :

Expenses By :



10-05-2021 **Fillowps Data**

EnqNo:	Date:	Name:	Course:
4.	04-08-2020	Manali RR	Visual Basic
5	08-12-2020	Arpita mm	JAVA

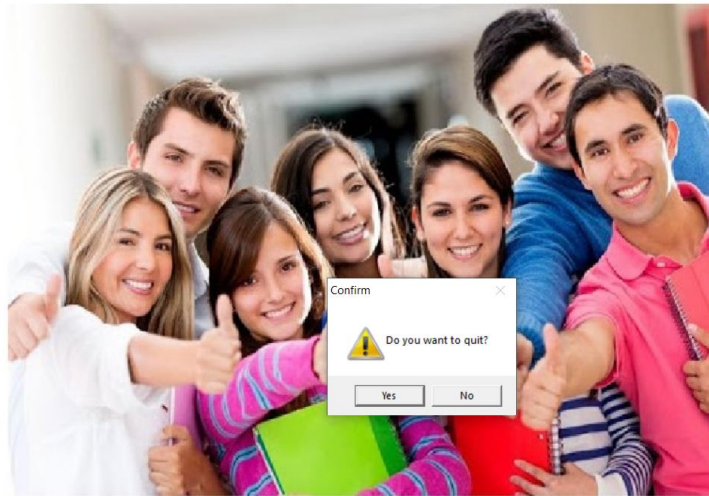
Dashboard:

- Enquiries
- Followups
- Students
- Courses
- Fees
- Expenses
- About us
- Minimize
- Logout

Notification Area

18:55:10
10-05-2021
Monday

Institute Management System



INSTITUTE MANAGEMENT SYSTEM

Dashboard:

- Enquiries
- Followups
- Students
- Courses
- Fees
- Expenses
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- Minimize
- Logout

Notification Area

18:55:10
10-05-2021
Monday

Institute Management System



INSTITUTE MANAGEMENT SYSTEM

Limitations :-

Reports are supposed to be seen managerial level person, but it is not secured by password so any other person can see the reports who is operating the system.

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