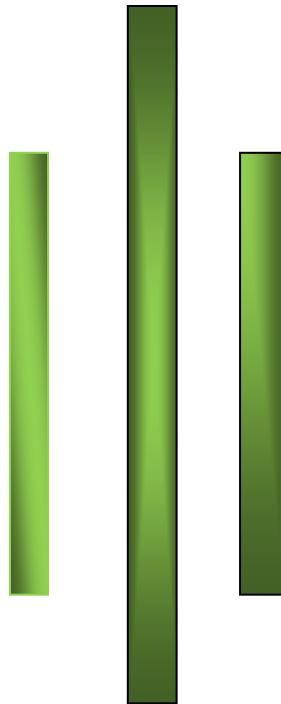


Project Report on “**Mahesh accounting system**”

Computing 9691, Paper -4



Name of Student: - **Mahesh Wosti**

Registration No: -

Subject: Software Base: - simple accounting software

Sponsoring Institute Name & Address: -**Mahesh departmental Store, Koteswor, Kathmandu, Nepal**

Name of Learning Center: - **SAIPAL ACADEMY**

L. Code: - **NP715**

Name of Guide(s): - **Mr. DEEPENDRA YADAV**

Student's Declaration

I hereby declare that the project report entitled

(Mahesh accounting system)

Submitted in partial fulfillment of the requirements for the completion of

A-Level Computing 9691

To University of Cambridge, United Kingdom, is my original work and is not submitted for the award of any other degree, diploma, fellowship, or any other similar title or prizes.

Place: Dhumbarahi, Kathmandu

Date of submission: 7/4/2014

Certificate from Managing Director

This is to certify that **Mr. Mahesh Wosti** has worked on the project as per the Course curriculum of Computing 9691. This project entitled “**Mahesh Accounting System**” is the original work of **Mr. Mahesh Wosti** and was carried out under the supervision of Mr. **Deependra Yadav** as per the guidelines provided by the university. That as per the student’s Declaration, this is certify that project “**”Mahesh accounting system**” has not been presented Anywhere as a part of any other academic work. The Detail of student is as follows:

Name of Student: - Mahesh Wosti

Subject: - Computing

Subject Code: -9691

Project Title: - Mahesh accounting system

Sponsoring Company: - Mahesh departmental store, Koteswor, Kathmandu

**Samujuwal KC
Managing Director
Saipal Academy**

Certificate from Project Guide

This is to certify that the project report entitled “**Mahesh accounting system**” Submitted in partial fulfillment of requirements for completing A-Levels Computing ‘9691’ of **University of Cambridge, Mahesh Wosti** has worked under my supervision and guidance and that no part of this report has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any journal or magazine.

DeependraYadav
Project Guide
Saipal Academy

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Definition, Investigation and Analysis

Definition - nature of problem:

Description about the organization

My father is an entrepreneur. After he worked in one of the famous departmental stores in Dubai, he returned back to Nepal and injected his earning from Dubai in the business of departmental store. He had already gained enough experience from his employment and so he operated his business smoothly and now it is successful. When my father started his business there were no any departmental stores at Koteswor area and with his hard work and dedication, my father became successful in expanding the business and now about 1000 transactions take place daily in the departmental store. 12 staffs are employed in the departmental store including 10 sales staffs, a manager and an accountant. The departmental store is popular in the Koteswor area as “MAHESH DEPARTMENTAL STORE”. The departmental store mainly provides food, clothes and electronic items.

Problem definition

With expansion of the business there was a problem in recording the business transactions. There is one accountant and he is almost busy throughout the day and mistakes in calculations have been a serious problem. My father often becomes angry at the accountant for being careless. He was not happy with the way how records are kept and calculations are made in the business. Further if any past data is required, it takes a long time to find it from the piles of files in the account room. Making of annual reports like total sales of the year, total purchase of the year, total expenses of the year was difficult at the end of the year and further there were chances of bills and records being lost.

The key problem that the departmental store is currently facing:

1. Difficulty in recording, retrieving the data about the departmental store
2. Errors in calculation
3. Difficulty in making the annual reports.

Current method used

Currently every transaction are performed manually .There are total of ten staffs in the departmental store .All of them are assigned the jobs of serving the customer and making bills for them manually. In the end, before all the staff leave for home, all of them should submit the copy of the bills made so far in the day from morning to late evening in the account room and the accountant further records it in the separate accounting book adding up all those bills. In this way every accounting record are kept in the written form.

THE ORIGIN AND FORM OF THE DATA THE DATA THAT TAKES PLACES

Alphanumeric data are used to keep the records of sales, purchase and expenses. The data that are used while keeping record of the sales purchase and expenses are as below:

Sales:

Sales are divided into two parts as credit sales and cash sales. Each type is stored in the different book.

Sales

Sales no	:	to count the number of sales made.
Date	:	date of the sales
Customer name	:	name of the customer (only in case of credit sales)
Category	:	which category good belongs to (food, clothes or electronic)
Name of the item	:	the name of good. For example: LG television
Rate	:	price of the goods
Quantity	:	units of goods sold
Total	:	the product of price and quantity

Purchase

Purchase no : the number of the purchase, example: if purchase no. is 1 it represents first purchase

Date : date of the purchase

Name of supplier : name of the supplier (if credit purchase is made or if required by owner in Future)

Category : which category good belongs to (food, clothes or electronic)

Name of the item : the name of good. For example: LG television

Rate : price of the good

Quantity : units of goods sold

Total : the product of price and quantity

Expenses

Expense includes salary of staff, electricity and rent expenses and each are stored in separate book of salary, electricity and expenses.

Salary

Year : the current accounting year

Month : current accounting month

Name of employee : name of employee getting salary

Salary paid : salary paid in the current month

Due : if salary is not paid full, the remaining salary to pay in current month is stored

Prepaid : if more salary is given than what is specified, the surplus salary is recorded.
(sometimes employee may ask salary in advance for some reasons)

Electricity

Year : the current accounting year
Month : current accounting month
Electricity cost : total to pay in the current month
Due : if total is not paid, the due is recorded
Pre-paid: if more is paid than what is payable.

Rent

Year : the current accounting year
Month : current accounting month
Electricity cost : total to pay in the current month
Due : if total is not paid, the due is recorded
Pre-paid : if more is paid than what is payable.

Investigation and analysis

Interview plan

(Note: the interview was taken in Nepali language and is translated”

It was really easy for me to take the interview .I often used to visit my father’s departmental store and see the things happening there .I often used to ask questions about store with my fathers and listen the things when my father talks about the departmental store with my mom and our other relatives. In this sense, I am almost familiar about the knowhow of Mahesh departmental store. However, for formality I have ask my father, MR DURGA PARSAD WOSTI to give me some time and ask about everything in detail about the problems of Mahesh departmental store.

One night after we had dinner in house, I started asking questions to my father and my questions were as follows:

1.How is business going, father?

Its going pretty fine .if compared to past, we are able to achieve higher profit margin. There is a good flow of customers, I am able to afford all the household expenditure including your study expenses plus save certain amount for future from the very profits. We are expanding our business every year. At the start we used to sell only food item now we have food, clothes and electronic items in the store. Stocks are finishing on time and we have a very good cash flow cycle, my son.

2. Do you think our departmental store is popular?

Of course my son. I already mentioned earlier that we have a very good flow of customer in our departmental store and repeated purchase is made by them. We have a very good customer base that avails our product at regular basis. They like our products. We are really able to touch the heart of the customers my providing quality products at low price as possible. Further we have the products of popular brands –say we have the clothes of ARMANI, VERSACE in our departmental store and other renowned international product which is rarely found in other departmental store in the town. We are not promoting a lot but the flow of customer is increasing .it means word to word promotion is made by customer themselves for our products. It indicates that our departmental store is popular in this community and known to all living here.

3. And father what about future? Will the popularity remain same as it is now??

Who can predict my son about future? No one. In my opinion the competition is getting higher and higher in our field due to establishment of big shopping malls in the central part of town .In this context the large departmental store of town “BHATBHATENI SUPER MARKET” has become the greatest threat for medium sized departmental store in the local areas like ours my son.

4. Have u made any future plans to cope up with this threat of large super market like BHATBHATENI SUPER MARKET?

Sometimes I am too worried regarding this threat, thinking that If the very large super market covered all the market share what ours business’s future will be. But I have made some planning. I am thinking to open branches of our departmental store in 3 districts Kathmandu, Lalitpur and Bhaktapur. This may make us competitive and provide economies of scale in terms of bulk buying of goods and finance. Then; we may further become competitive in the market.

5. And how are you planning to expand? How will you raise capital?

- We have some retained earnings from this departmental store and some fund will be collected from our relatives and for the rest, I will take a loan from the bank.

6. Are there any internal problems in our current departmental store?

- Of course my son. There are some problems which are always moving in my head.

7. What are the main problems that you are currently facing?

-My son you are familiar with the problems. I often shout at my accountant for making mistakes in the recording the things in the book correctly. With expansion the transactions has increased from thousands to millions .Accurate recording of each data is crucial in the business. A single mistake and carelessness will cost us a lot. We are having some losses due to lack of proper and accurate record keeping. And I believe the problem might become worse as we will expand further. The next problem that we are witnessing now is about making the annual reports. Annual reports mean a lot for any business. There is a single accountant and while making annual reports it takes even a month too and if made to it’s not 100 percent accurate.

8. Can I give some advice regarding the solution of this problem?

- yes my son.

9. What if we move to the computer software for keeping the accounting record?

-Computer software!!How can we use it son? I am not so familiar with the knowledge of the computer and computing software. Can you explain hum?

ME: father there is a different kind of accounting software. We can use it to record our daily transactions and analyze the annual data of total sales, total purchases and total expenses at the end of year in a very short time. Further, if we want to see data from any year under any heading we can get it within few minutes, we don't have to open the files and flip the pages for hour to see the data. It helps in the systematic recording of data.

Is not it expensive, can we afford it?

ME: no father it doesn't cost a lot .we need to have a personal computer in our store and I can make simple computing software for our departmental store. It is possible what do you think??

-If the recording of data will be more accurate and simple and we can afford it then I am interested my son but how will you make a software? Can you make it?

ME: father why not? Making simple software is part of our computing syllabus in ALEVELS and further my computing teacher will help me with it.

-Ok then. We will see if your software will really solve the problems of our departmental store. For any help and resources, you can ask me ok! Make it fast as possible.

ME: OK father, further I will observe the things by myself in the departmental store for one day then I will start it consulting with my computer teacher.

Further Investigation

After I had asked my father about the problem and he told me to make software, I planned to sit in the departmental store for one day from early morning to late night and find what exact problem is.

Day 1

I went departmental store at about 8 o'clock in the morning. The departmental store was under the supervision of CC camera. My father was in his room and seeing everything in the 21' LCD TV which was introduced a couple of years ago in the store. There were total five staffs at the very morning and the rest of five used to come at 10 o'clock. The departmental store has three departments -food, clothes and electronics. There was a separate flat of each of the department. Only the food department opens in the early morning.

Findings

In the morning:

The flow of customer was thin at the first hours and as the time passes there was a crowd. In the morning mainly customer used to come to buy the household food items like vegetables, biscuits and foods items of morning breakfast. All the five staffs seem busy making bills for the customer.

In the mid-day time

The staffs were divided in three departments.5 used to sit in the food department serving the customer coming for food item and rest five were further divided into clothes and electronics as 3 and 2 respectively. All of the staffs were busy whole the day serving the customers and making bills for them .Father was monitoring all the staffs if they are working properly or not. The accountant used to remain busy calculating the total sales, purchases and expenses using the submitted bills using the simple calculator. Mainly customer used to come for foods item and clothes at the day time.

At late evening:

The late time used to seem quite busier than the early times. “It is a key time “father said. All the staffs seem busy at the late time. A good lighting system had made the departmental store more attractive at the late times. At evening mostly the officers and students were visiting the departmental store. All those copies of bills were submitted to the account room before the departmental store is closed. The total of this day was calculated in the final account book by accountant the very next day.

Conclusion: the flow of the customer was good. As said by my father, more than 1000 transactions takes place a day. Adding up more than thousand bills the very next day is not an easy task for the accountant and account book used to finish within the week. So, there were piles of account book kept in the account room. Finding any specific data from the very piles of account book was not an easy task as well.

Alternative approaches to solve the problem:

Employing more accountants and dividing the task between them. For example: say there are 5 accountant employed. 3 accountants will be calculating the daily transaction of the 3 departments-food, clothes and electronics. Other two will be responsible to make annual reports, making the data available to manager or the owner when required.

Advantages:

1. problems can be solved to extent
2. efficiency of the accountant will increase as tasks are divided to them

Disadvantages:

1. Employing the skilled accountant will be expensive.
2. If all accountant do not coordinate properly, the chances of error still exists.

Requirement Specification

Data Entry Method

The data should be as entered correctly in the system. Any possible error made by the user should be constrained by the validation check.

Type of Output

The output should be easily visible and clear to the user. Further it should be represented in a simple way using simple language.

User Interface

Graphical User Interface (GUI) is required since it gives a better look to the software. It will be easy for the accountant to use the software.

Navigation

- User wants to have menu system.
- User wants each procedure to be opened in a separate window so that simple closing of that particular window will not affect any other open windows.

Security

- The software should be password protected with two different access levels set for owner (my father) and accountant.
- Both accountant and owner (my father) should have access to all parts of the software and to the data stored.
- The database must have encrypted password so that even if anyone gets into the database, the passwords would not be visible.

Help

Since the user may not be well known about every functions of the software, a help menu is to be made that will guide the user for operating the software with ease.

Details

- The software should have easy method of adding, editing, and deleting records for sales, purchase and expenses.
- The software should have easy method to see the recorded data of any date.
- The software should automatically record the due or prepaid.
- The software should be able to show information about the stocks)
- The software should add up all the daily transactions of the year and make annual reports of the total sales, total purchase, and total expenses.

System Requirements for the software to function

Software Requirement

- Windows operating system: windows XP or later versions. Windows 7 is recommended since it is user friendly.
- Microsoft Access 2007 or newer versions will be required to implement the database. The use of older version may give rise to compatibility issues.

Hardware Requirement

- Monitor having resolution 1024x768 or greater.
- Keyboard
- Mouse
- 1 Gigahertz (GHz) or faster processor.
- 1GB of system memory sufficient to run the operating system and the developed program.
- Hard Disk of capacity exceeding 40 GB is required to store operating system, user files, and the application software.
- DVDROM Drive

Input requirements:

Table fields

Login details:

Username

Password

Sales details:

Sales number

Date

Customer name (if credit sales)

Category

Name of item

Rate

Quantity

Purchase details:

Purchase number

Date

Supplier name (in case of credit purchase)

Category

Name of item

Rate

Quantity

Sales return details:

Sales return number

Date

Category

Name of the item

Rate

Quantity

Purchases return details:

Purchase return number

Date

Category

Name of the item

Rate

Quantity

Wage book details:

Year

Month

Name of employee

Post

Salary

Paid

Rent book details:

Year
Month
Monthly rent
Paid

Electricity details:

Year
Month
Rate per units
Total units
Paid
、

Microsoft Visual Studio 2008

Visual Studio is an object oriented programming language(OOPL) which allows [quick development of application](#) of [graphical user interface \(GUI\)](#) applications and also allows access to [databases](#) using [Data Access Objects](#). The forms can be easily created with simple drag and drop methods. The controls such as text box, command button, can be easily designed by drag drop technique in very short period of time. This programming language will be used to develop the actual software

Microsoft Access 2007

Microsoft Access is a relational database management system (RDBMS) which is a member of the [Microsoft Office](#) suite. It is based on the Access Jet Database Engine.

It is supported by [Visual Studio for Applications](#), an [object-oriented](#) programming language.

The new system will be based on the database system.

Microsoft Word 2007

This is a word processing application which allows text formatting of the document. It has features such as spelling checker and thesaurus which are suitable for the documentation of the software.

DESIGN

Nature of solution:

Proposed solution:

The found out problem will be solved by developing the custom written software. The software will be made using the Visual Basic.net 2008.

Agreed List of objectives:

- The software must have easy method of adding, editing, and deleting records for sales, purchase and expenses.
- The software must have easy method to see the recorded data of any date.
- The software must automatically record the due or prepaid.
- The software must be able to show information about the stocks)
- The software must add up all the daily transactions of the year and make annual reports of the total sales, total purchase, and total expenses.

Manager, Mahesh
departmental store

Designing the input and output:

The menu based interface will be used in the software. There will be use of the different facilities provided by the visual studio such as labels, textbox, combo-box, date time picker, buttons, and data grid view as primary tools to design the input and the output window. Same screen layout will be used in every window with same font and color. The automated input system will also be another special feature of the software. For example: the prepaid and due of the expenses will automatically stored in the table as the user input all the details about payment of the expenses. If the payment exceeds the amount to be paid, it is automatically stored as prepaid and if the payment is less, then it is stored as due.

Data base storage:

The MS-Access 2007 will be used as the database to store data when required by the custom written software.

Sales number is automatic. Here sales no 2 represents first sales has already taken place and one record is already there in table. For this

The screenshot shows a window titled 'cash sales_book'. Inside, there are several input fields and buttons. Callouts provide the following information:

- SALES NO:** 2. Callout: Sales number is automatic. Here sales no 2 represents first sales has already taken place and one record is already there in table. For this
- YEAR:** A dropdown menu. Callout: Combo box to select year from list of given years
- DATE:** A date picker showing 'Tuesday , April 01, 2014'. Callout: The date time piker that automatically provides system date
- CATEGORY:** A dropdown menu. Callout: Another combo box to select the category from list.
- NAME OF ITEM:** A text box. Callout: Text box to enter the name of the item that is sold
- RATE:** A text box. Callout: Text box for the selling price of the good that is sold
- QUANTITY:** A text box. Callout: Text box for the quantity of good that is sold
- TOTAL:** A text box. Callout: Textbox that shows the total revenue from sale of goods
- Buttons:** 'NEXT', 'SAVE', and 'EXIT'.
 - Callout for 'NEXT': To record next data after saving current data
 - Callout for 'SAVE': Save button that saves the data entered above in the
 - Callout for 'EXIT': Button to close this window and go back to main window
- Button to calculate the total amount:** A button located below the 'TOTAL' field.

Fig 1. The information about the cash sales book.

The screenshot shows a window titled "credit sales_book" with a form for entering credit sales data. The form contains the following fields and controls:

- SN**: A text box containing the value "4".
- YEAR**: A dropdown menu.
- DATE**: A date picker showing "Tuesday , April 01, 2014".
- NAME OF CUSTOMER**: A text box. A callout box points to this field with the text: "Text box to enter the name of customer who has taken the good in credit".
- CATEGORY**: A dropdown menu.
- NAME OF ITEM**: A text box.
- RATE**: A text box.
- QUANTITY**: A text box.
- TOTAL**: A button next to a text box for the total value.
- NEXT**, **SAVE**, and **EXIT**: Buttons at the bottom right of the form.

Fig 2: the credit sales window to store the data about credit sales.

The screenshot shows a window titled "sales return_book" with a standard Windows title bar. The window contains a form with the following fields and controls:

- SRN.**: A text box containing the value "1".
- YEAR**: A dropdown menu.
- DATE**: A date picker showing "Tuesday , April 01, 2014".
- CATEGORY**: A dropdown menu.
- RETURNED FROM**: A text box. A tooltip points to this field with the text: "Text box to enter name of the customer who return goods to the departmental store."
- NAME OF ITEM**: A text box.
- RATE**: A text box.
- QUANTITY**: A text box.
- TOTAL RETURNED**: A button with a blue border.
- NEXT**, **SAVE**, and **EXIT**: Three buttons at the bottom right.

Fig 3: sales return window to record the sales return to the departmental store.

The image shows a software window titled "cash purchase_book". Inside the window, the title "cash purchase book" is centered at the top. Below the title, there are several input fields and buttons arranged vertically. The fields are labeled on the left: "CPN" (with the value "2" entered), "YEAR" (a dropdown menu), "DATE" (showing "Tuesday , April 01, 2014" with a calendar icon), "PURCHASE FROM" (a text box), "CATEGORY" (a dropdown menu), "NAME OF ITEM" (a text box), "RATE" (a text box), and "QUANTITY" (a text box). At the bottom left, there is a button labeled "TOTAL". At the bottom right, there are three buttons labeled "NEXT", "SAVE", and "EXIT". A tooltip box with a pointer to the "PURCHASE FROM" text box contains the text: "Text box to enter name of the suppliers with who cash purchase was made".

Field/Label	Value/Action
CPN	2
YEAR	[Dropdown]
DATE	Tuesday , April 01, 2014
PURCHASE FROM	[Text Box]
CATEGORY	[Dropdown]
NAME OF ITEM	[Text Box]
RATE	[Text Box]
QUANTITY	[Text Box]
TOTAL	[Button]
NEXT	[Button]
SAVE	[Button]
EXIT	[Button]

Fig 4: window to record the data about the cash purchase.

credit_purchase_book

Credit purchase book

CRPN 2

YEAR

DATE Tuesday , April 01, 2014

PURCHASED FROM

CATEGORY

NAME OF ITEM

RATE

QUANTITY

TOTAL

NEXT SAVE EXIT

Text box to enter the name of the supplier with who credit purchase was

Fig 5: window to record the data about the credit purchase.

purchase return_book

purchase return book

PRN 2

YEAR

DATE Tuesday , April 01, 2014

RETURNED TO

CATEGORY

NAME OF ITEM

RATE

QUANTITY

The name of the supplier to whom purchase is returned

TOTAL

NEXT

SAVE

EXIT

Fig 6: the window to record data about the purchase return.

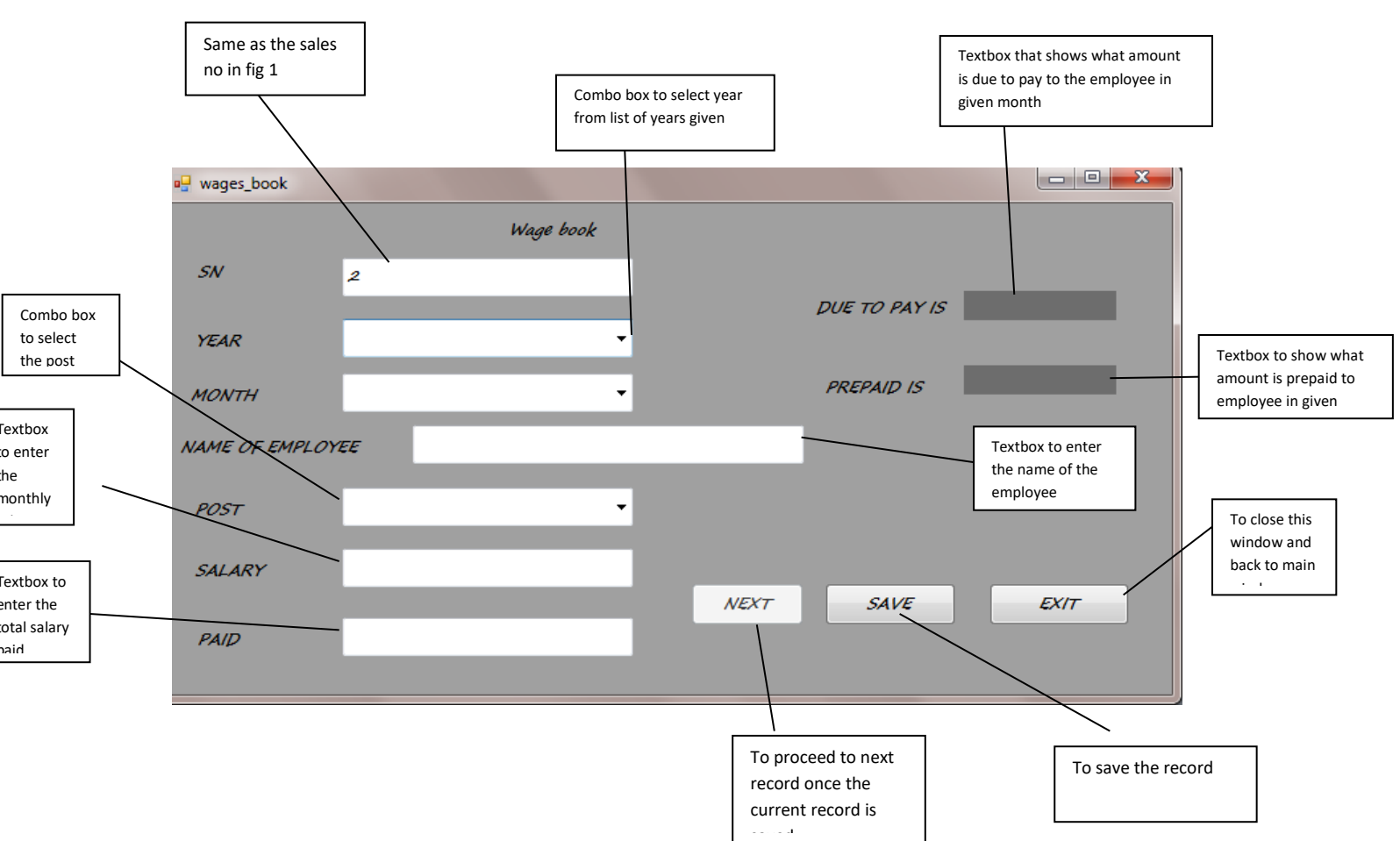


Fig 7: the wage book window to record the wages of the staffs.

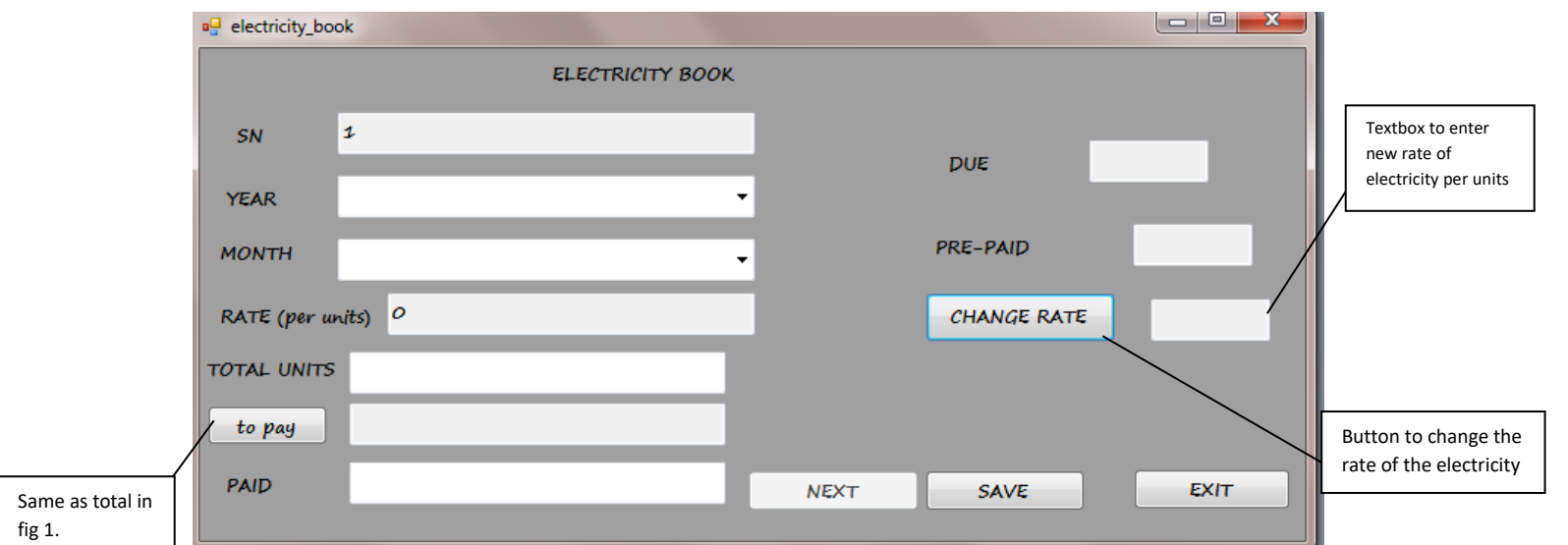


Fig 8: window to record the monthly electricity data.

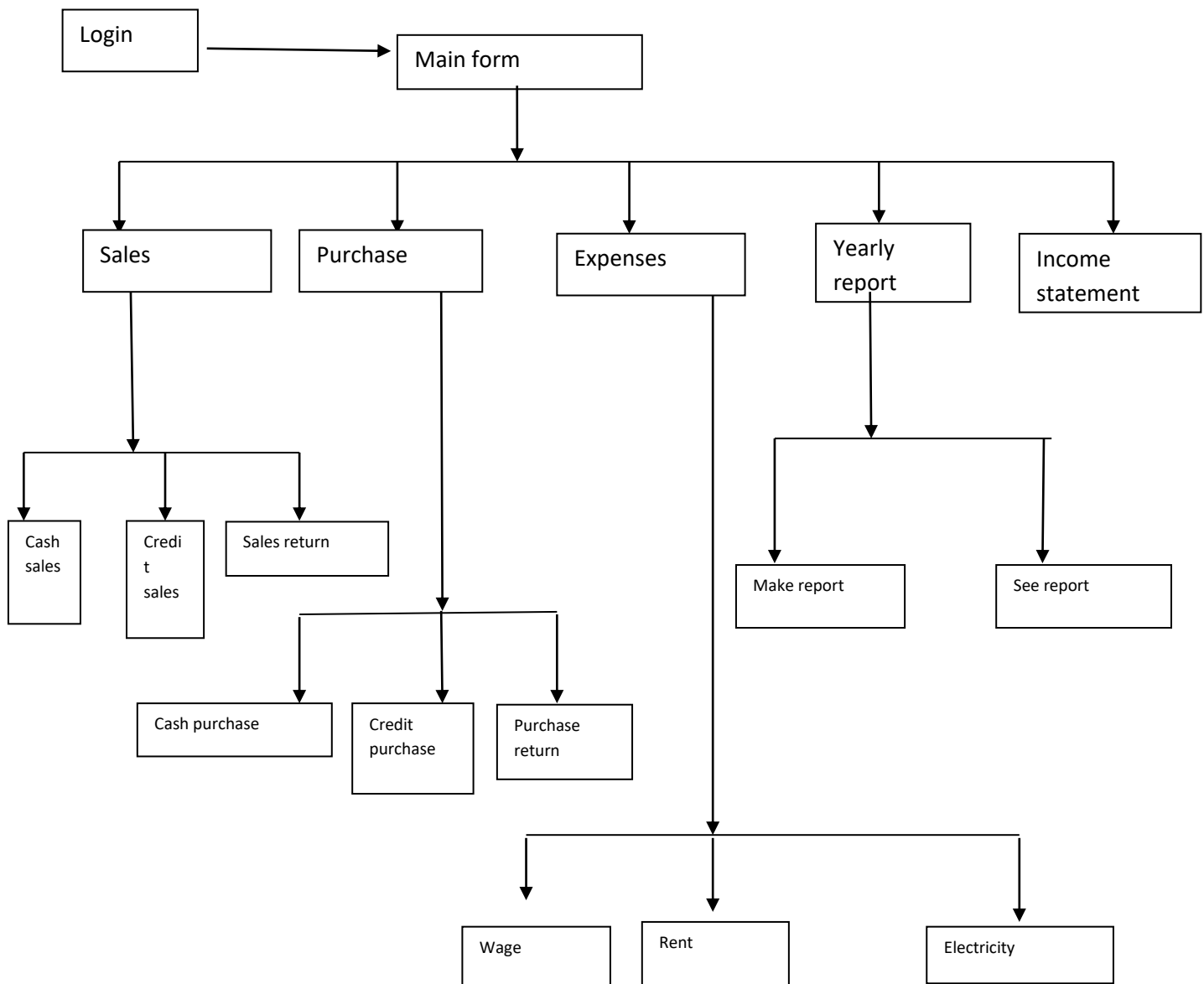
The image shows a software window titled "rent_book" with a standard Windows-style title bar (minimize, maximize, close buttons). The window's content area has a light gray background and is titled "Rent book" in a small font at the top center. The form contains several input fields and labels:

- SN**: A text input field.
- YEAR**: A dropdown menu.
- MONTH**: A dropdown menu.
- MONTHLY RENT**: A text input field. A callout box with a line pointing to this field contains the text: "Textbox to enter the monthly rent."
- RENT PAID**: A text input field.
- PRE-PAID**: A text input field.
- DUE**: A text input field.

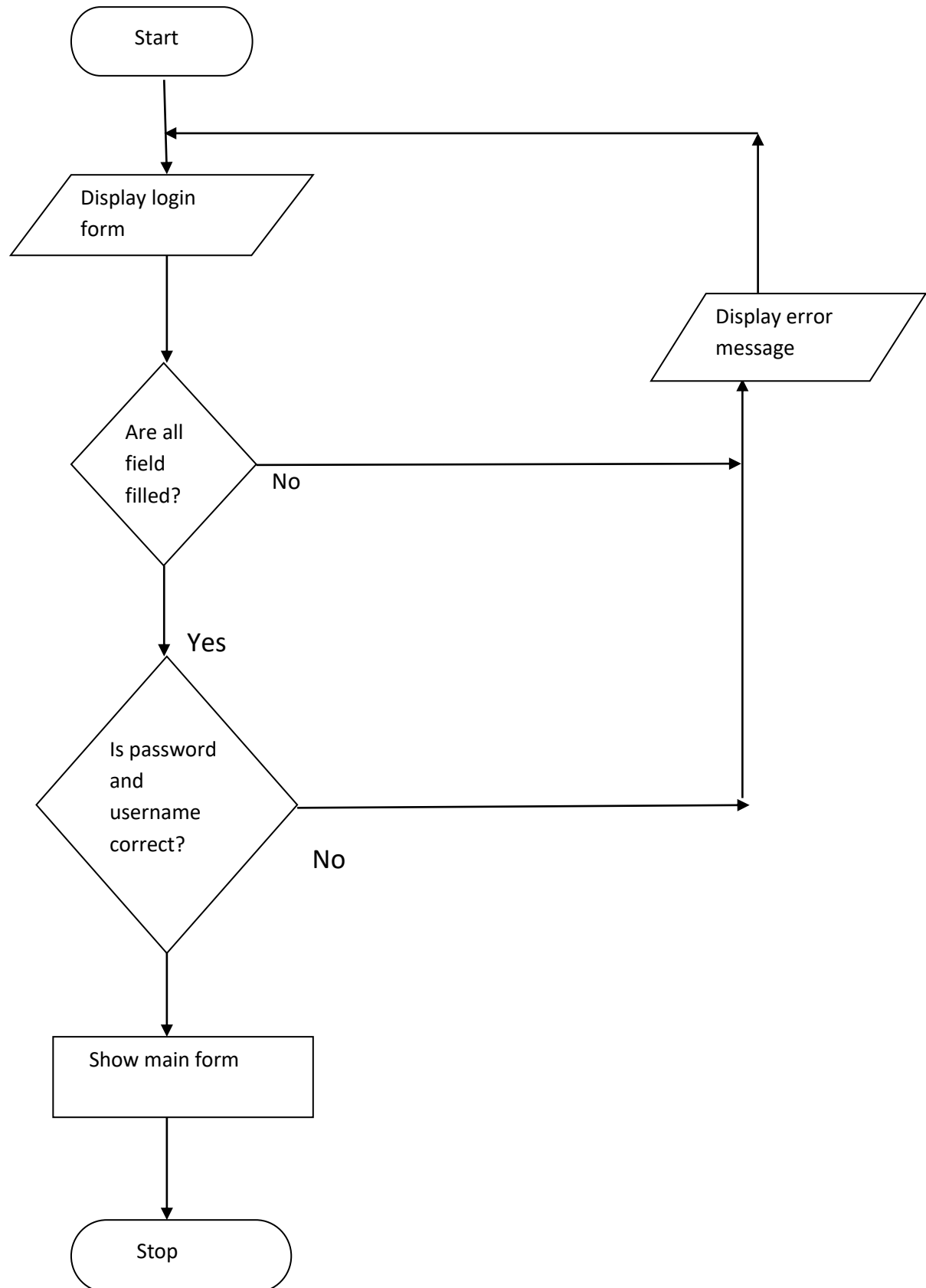
At the bottom right of the form, there are three buttons: "NEXT", "SAVE", and "EXIT".

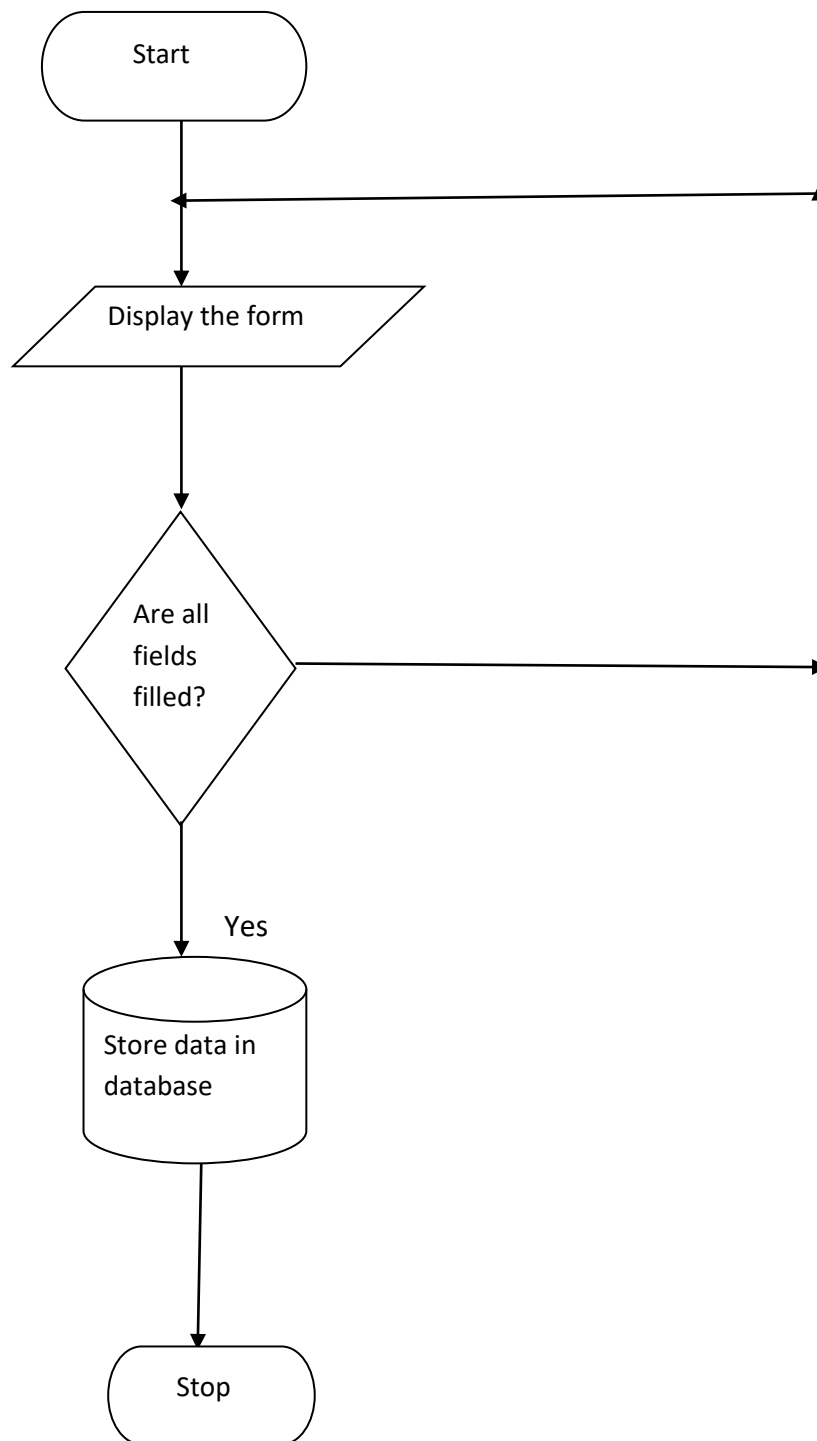
Fig 9:window to record the rent related data.

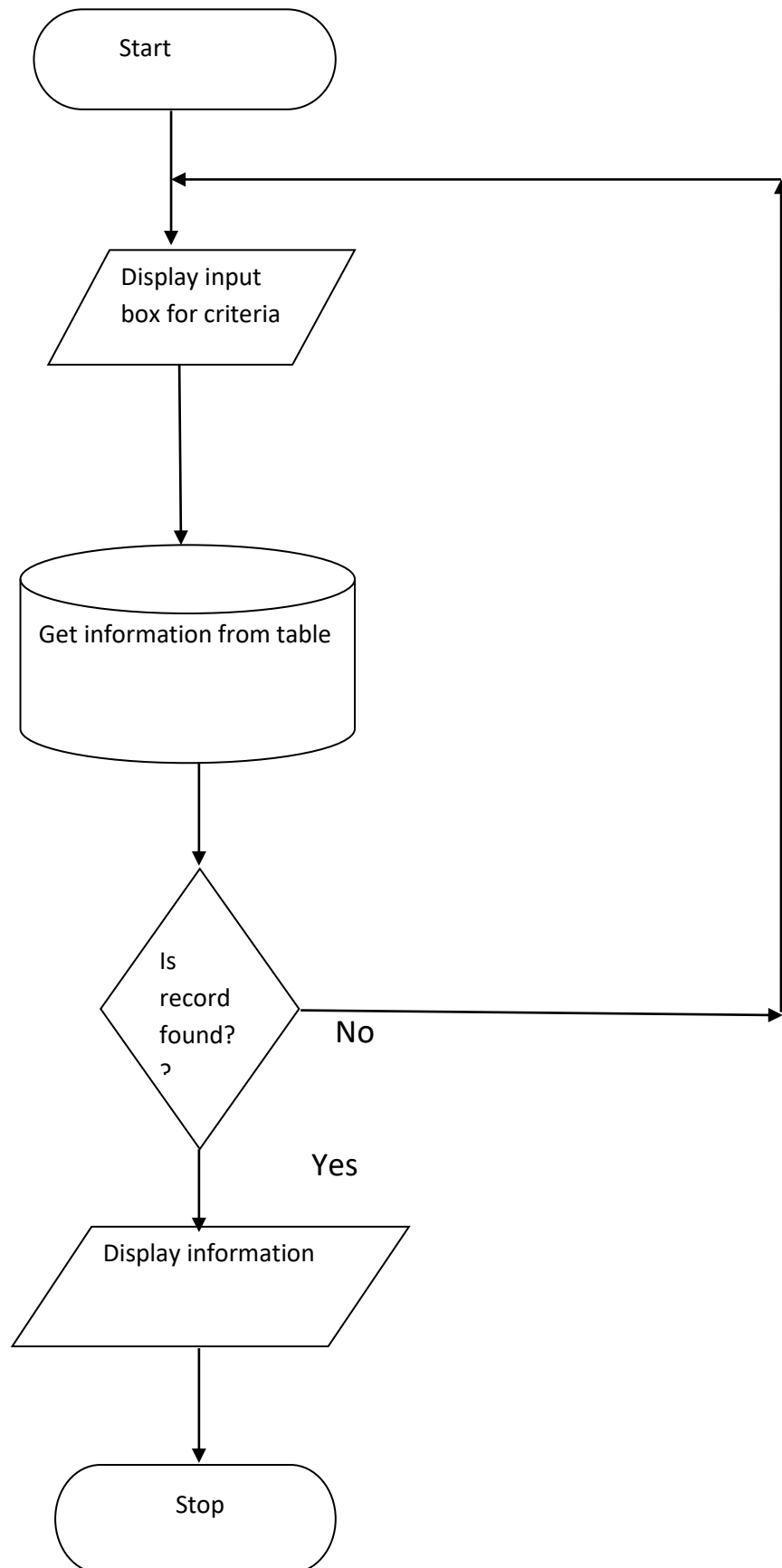
Jackson diagram



Flowchart

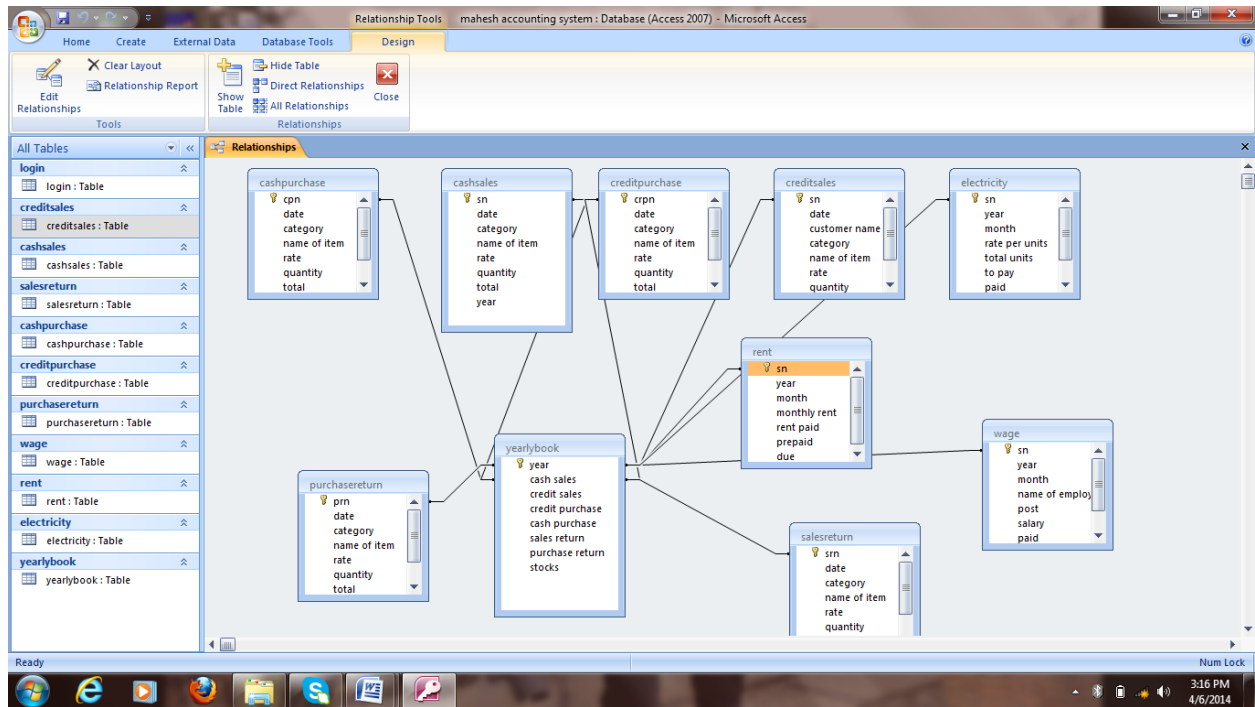






Entity Relationship diagram

All the entities are separate and link with only one table i.e. yearly book where total amount calculated of the table is stored.



Data structure

cashpurchase		
	Field Name	Data Type
🔑	cpn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
	purchase from	Text
cashsales		
	Field Name	Data Type
🔑	sn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
creditpurchase		
	Field Name	Data Type
🔑	crpn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
	purchased from	Text
creditsales		
	Field Name	Data Type
🔑	sn	Number
	date	Text
	customer name	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number

electricity		
	Field Name	Data Type
🔑	sn	AutoNumber
	year	Number
	month	Text
	rate per units	Number
	total units	Number
	to pay	Number
	paid	Number
	due	Number
	prepaid	Number
purchasereturn		
	Field Name	Data Type
🔑	prn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
	returned to	Text
rent		
	Field Name	Data Type
🔑	sn	Number
	year	Number
	month	Text
	monthly rent	Number
	rent paid	Number
	prepaid	Number
	due	Number
salesreturn		
	Field Name	Data Type
🔑	srn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
	returned from	Text

wage		
	Field Name	Data Type
🔑	sn	Number
	year	Number
	month	Text
	name of employee	Text
	post	Text
	salary	Number
	paid	Number
	due	Number
	prepaid	Number
yearlybook		
	Field Name	Data Type
🔑	year	Number
	cash sales	Number
	credit sales	Number
	credit purchase	Number
	cash purchase	Number
	sales return	Number
	purchase return	Number
	stocks	Number

Intended benefits

- The errors in the calculation and the recording accounting data of the Mahesh departmental store will be significantly reduced.
- Time will be saved: while making the annual report accountant do not have to use a simple calculator and add up each bills for the whole day. Once the button is clicked the overall totals can be known in a very short period. Further if any data about any transaction is required then it can be seen easily and quickly, accountant do not have to turn the pages of the account book by turn from the piles of the account book. This quickness will save the time of the accountant and make accountant do things in a calm way.
- More systematic and accurate recording of data will be strength of the business reducing the chances of failure.
- Employing the additional accountant and hence the additional cost will be saved

Limits and scope

The software will be used just to enter the details about sales, purchase and expenses and make the annual report. It will be used by only the accountant. No additional feature such as printing of the bills using the crystal reports exist in the software. If the hardware requirements are not made, the software may not run.

Data size estimation

tables	Fields	example	Maximum size (in bytes)	Total bytes
Login	Username	Mahesh	15	30
	Password	*****	15	
Credit sales	SN	1	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Name of customer	Ram	20	
	Category	Foods	10	
	Name of item	Wai wai noodles	15	
	Rate	15	4	
	Quantity	15	4	
	Total	225	10	
Cash sales	Sales no	2	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Category	Clothes	10	
	Name of item	Plain shirt	15	
	Rate	500	4	
	Quantity	5	4	
	Total	2500	10	

Sales return	SRN	3	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Category	Electronics	10	
	Returned from	Hari jung Rana	15	
	Name of item	LG television	15	
	Rate	15000	4	
	Quantity	1	4	
	Total returned	15000	10	

Cash purchase	CPN	4	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Purchase from	Harry	15	
	Category	Foods	10	
	Name of item	Basmati rice	15	
	Rate	500	4	
	Quantity	5	4	
	Total	2500	10	
Credit purchase	CRPN	5	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Purchased from	Mahesh	15	
	Category	Foods	10	
	Name of item	Chocolates	15	
	Rate	13	4	
	Quantity	13	4	
	Total	169	10	

Purchase return	PRN	6	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Returned to	Gita	15	
	Category	Clothes	10	
	Name of item	t-shirt	15	
	Rate	1300	4	
	Quantity	2	4	
	Total	2600	10	
Wage	SN	7	5	92
	Year	2014	4	
	Month	Jan	3	
	Name of employee	Bibek Guragain	15	
	Post	Manager	5	
	Salary	12000	10	
	Paid	12000	10	
	Prepaid	0	5	
	Due	0	5	
Rent	SN	8	5	72
	Year	2014	4	
	Month	Feb	3	
	Monthly rent	14000	10	
	Rent paid	13000	10	
	Prepaid	0	5	
	Due	1000	5	

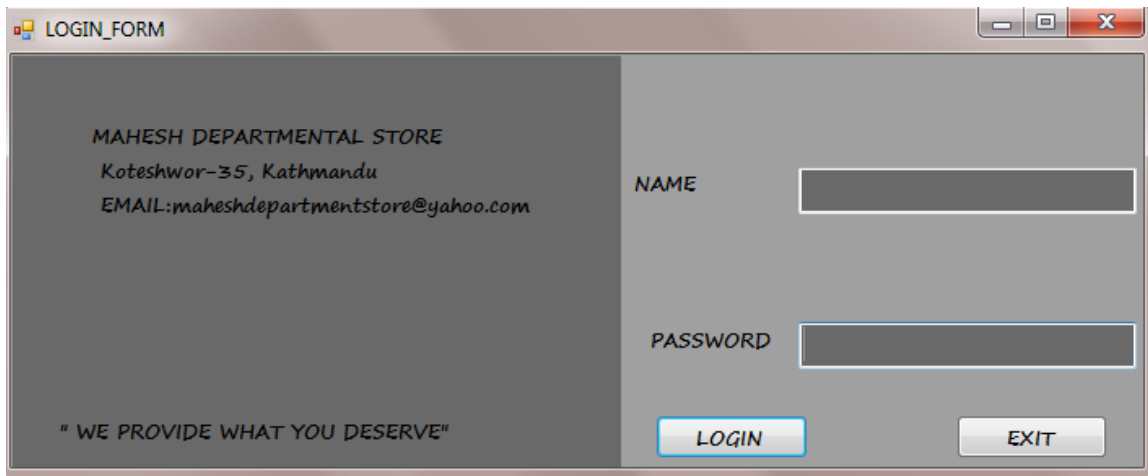
Electricity	SN	9	5	92
	Year	2014	4	
	Month	Mar	3	
	Rate(per units)	5	2	
	Total units	130	4	
	To pay	650	10	
	Paid	750	10	
	Due	0	5	
	Prepaid	100	5	
Total				838

No of records(500)	419000
Plus 10%	41900
Total size of records(in KB)	450

Software development, programming, testing and installation

Software development:

1. Login form



A screenshot of a login form window titled "LOGIN_FORM". The window has a dark gray background. On the left side, there is text: "MAHESH DEPARTMENTAL STORE", "Koteshwor-35, Kathmandu", "EMAIL:maheshdepartmentstore@yahoo.com", and a quote "WE PROVIDE WHAT YOU DESERVE". On the right side, there are two input fields: "NAME" and "PASSWORD". Below the "PASSWORD" field, there are two buttons: "LOGIN" and "EXIT".

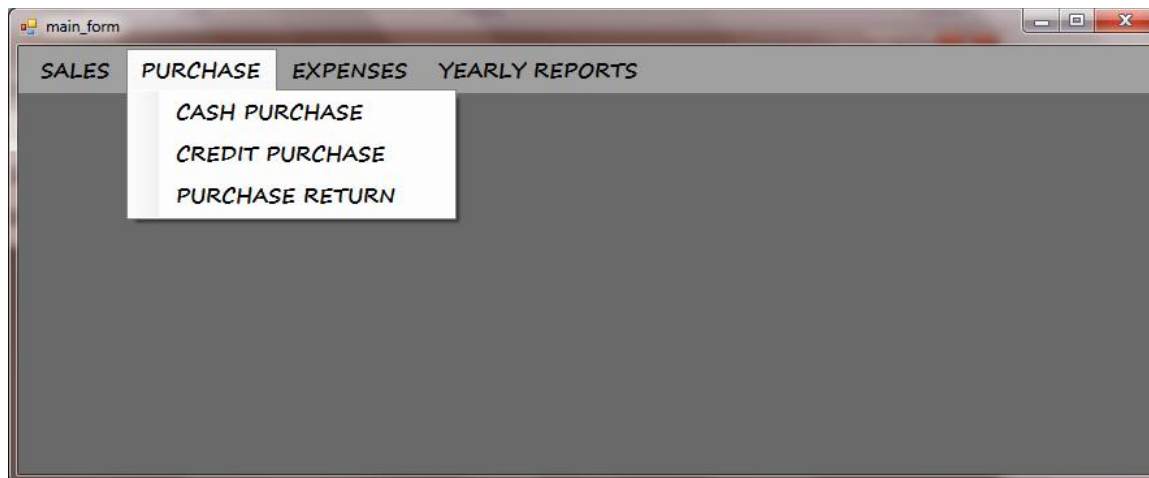
2. Main form

a. Sales menu



A screenshot of a main form window titled "main_form". The window has a dark gray background. At the top, there is a menu bar with four items: "SALES", "PURCHASE", "EXPENSES", and "YEARLY REPORTS". The "SALES" menu is currently open, showing a list of options: "CASH SALES", "CREDIT SALES", and "SALES RETURN".

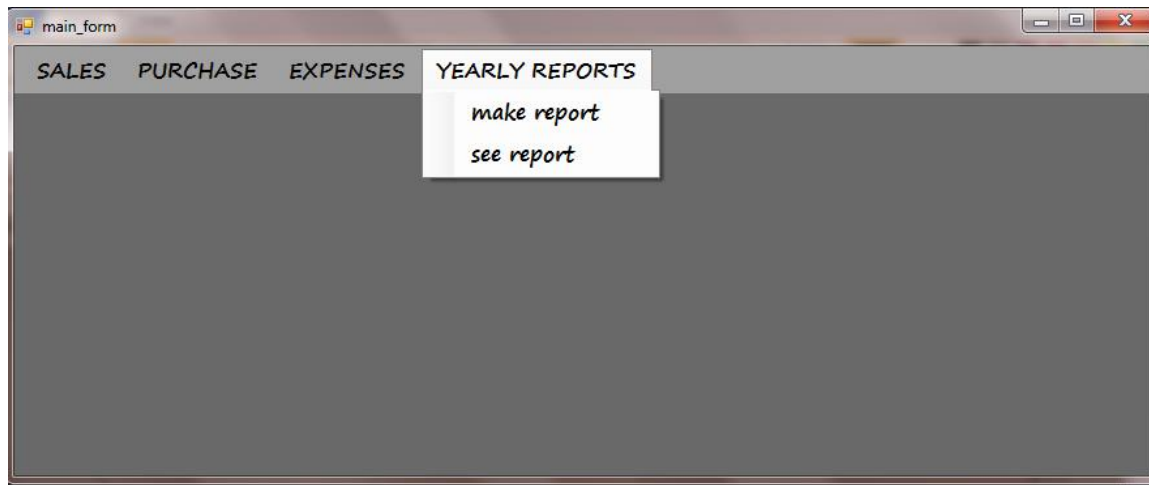
b. Purchase menu



c. Expenses



d. Yearly report



3. Cash sales

The screenshot shows a window titled 'cash sales_book' with a form titled 'cash sales book'. The form contains the following fields and controls:

- SALES NO**: A text input field containing the value '2'.
- YEAR**: A dropdown menu.
- DATE**: A dropdown menu displaying 'Tuesday , April 01, 2014'.
- CATEGORY**: A dropdown menu.
- NAME OF ITEM**: A text input field.
- RATE**: A text input field.
- QUANTITY**: A text input field.
- TOTAL**: A button with a blue border, positioned to the left of a text input field.
- Navigation buttons**: Three buttons at the bottom labeled 'NEXT', 'SAVE', and 'EXIT'.

4. Credit sales form

The screenshot shows a window titled "credit sales_book". Inside, the form is titled "credit sales book". It contains the following fields and controls:

- SN**: A text input field containing the number "4".
- YEAR**: A dropdown menu.
- DATE**: A date picker showing "Tuesday , April 01, 2014".
- NAME OF CUSTOMER**: A text input field.
- CATEGORY**: A dropdown menu.
- NAME OF ITEM**: A text input field.
- RATE**: A text input field.
- QUANTITY**: A text input field.
- TOTAL**: A button next to a text input field for the total value.
- NEXT**, **SAVE**, and **EXIT**: Action buttons at the bottom right.

5. sales return form

The screenshot shows a window titled "sales return_book". Inside, the form is titled "sales return book". It contains the following fields and controls:

- SRN.**: A text input field containing the number "1".
- YEAR**: A dropdown menu.
- DATE**: A date picker showing "Tuesday , April 01, 2014".
- CATEGORY**: A dropdown menu.
- RETURNED FROM**: A text input field.
- NAME OF ITEM**: A text input field.
- RATE**: A text input field.
- QUANTITY**: A text input field.
- TOTAL RETURNED**: A button next to a text input field for the total returned value.
- NEXT**, **SAVE**, and **EXIT**: Action buttons at the bottom right.

6. Cash purchase form

The screenshot shows a window titled "cash purchase_book". Inside, the title "cash purchase book" is centered. The form contains the following fields and controls:

- CPN**: A text input field containing the value "2".
- YEAR**: A dropdown menu.
- DATE**: A date picker showing "Tuesday , April 01, 2014" with a calendar icon.
- PURCHASE FROM**: A text input field.
- CATEGORY**: A dropdown menu.
- NAME OF ITEM**: A text input field.
- RATE**: A text input field.
- QUANTITY**: A text input field.
- TOTAL**: A button with a blue border, positioned to the left of a text input field.
- Navigation buttons**: "NEXT", "SAVE", and "EXIT" buttons are located at the bottom right.

7. Credit purchase

The screenshot shows a window titled "credit purchase_book". Inside, the title "Credit purchase book" is centered. The form contains the following fields and controls:

- CRPN**: A text input field containing the value "2".
- YEAR**: A dropdown menu.
- DATE**: A date picker showing "Tuesday , April 01, 2014" with a calendar icon.
- PURCHASED FROM**: A text input field.
- CATEGORY**: A dropdown menu.
- NAME OF ITEM**: A text input field.
- RATE**: A text input field.
- QUANTITY**: A text input field.
- TOTAL**: A button with a blue border, positioned to the left of a text input field.
- Navigation buttons**: "NEXT", "SAVE", and "EXIT" buttons are located at the bottom right.

8. Purchase return form

The screenshot shows a window titled "purchase return_book". Inside, the title "purchase return book" is centered. The form contains the following fields and controls:

- PRN**: Text input with the value "2".
- YEAR**: Dropdown menu.
- DATE**: Date picker showing "Tuesday , April 01, 2014".
- RETURNED TO**: Text input.
- CATEGORY**: Dropdown menu.
- NAME OF ITEM**: Text input.
- RATE**: Text input.
- QUANTITY**: Text input.
- TOTAL**: A button with a text input field next to it.
- NEXT**, **SAVE**, and **EXIT**: Action buttons.

9. Wage form

The screenshot shows a window titled "wages_book". Inside, the title "Wage book" is centered. The form contains the following fields and controls:

- SN**: Text input with the value "2".
- YEAR**: Dropdown menu.
- MONTH**: Dropdown menu.
- NAME OF EMPLOYEE**: Text input.
- POST**: Dropdown menu.
- SALARY**: Text input.
- PAID**: Text input.
- DUE TO PAY IS**: Text input.
- PREPAID IS**: Text input.
- NEXT**, **SAVE**, and **EXIT**: Action buttons.

10. Rent form

The screenshot shows a window titled "rent_book" with a subtitle "Rent book". It contains several input fields and buttons. On the left, there are labels for "SN", "YEAR", "MONTH", "MONTHLY RENT", and "RENT PAID", each followed by a corresponding input field. On the right, there are labels for "PRE-PAID" and "DUE", each followed by an input field. At the bottom right, there are three buttons: "NEXT", "SAVE", and "EXIT".

Field Label	Field Type
SN	Text Input
YEAR	Dropdown
MONTH	Dropdown
MONTHLY RENT	Text Input
RENT PAID	Text Input
PRE-PAID	Text Input
DUE	Text Input

Buttons: NEXT, SAVE, EXIT

11. Electricity form

The screenshot shows a window titled "electricity_book" with a subtitle "ELECTRICITY BOOK". It contains several input fields and buttons. On the left, there are labels for "SN", "YEAR", "MONTH", "RATE (per units)", "TOTAL UNITS", "to pay", and "PAID", each followed by a corresponding input field. On the right, there are labels for "DUE" and "PRE-PAID", each followed by an input field. A "CHANGE RATE" button is located between the "RATE (per units)" and "PRE-PAID" fields. At the bottom right, there are three buttons: "NEXT", "SAVE", and "EXIT".

Field Label	Field Type
SN	Text Input (value: 1)
YEAR	Dropdown
MONTH	Dropdown
RATE (per units)	Text Input (value: 0)
TOTAL UNITS	Text Input
to pay	Text Input
PAID	Text Input
DUE	Text Input
PRE-PAID	Text Input

Buttons: CHANGE RATE, NEXT, SAVE, EXIT

12. Make report form

MAKE YEARLY REPORT

YEAR 2015

MAKE YEARLY REPORT

click the button ,and make report

T.CASH SALES

T.CREDITSALES

T.SALES RETURN

T.CASH PURCHASE

T.CREDIT PURCHASE

T.PURCHASE RETURN

T.WAGE

T.ELECTRICITY

T.RENT

SAVE EXIT

13. See report form

see_reports

type year and select table to see datas available

type year

select the table

SHOW EXIT UPDATE

NEXT

14. Delete screen

update_form

DELETE THE DATA

select table name

type sn: 00

delete exit

DATABASE designs

Login table

login		
	Field Name	Data Type
	uname	Text
	password	Text

Cash purchase table

cashpurchase		
	Field Name	Data Type
	cpn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
	purchase from	Text

Cash sales table

cashesales		
	Field Name	Data Type
🔑	sn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number

Credit purchase table

creditpurchase		
	Field Name	Data Type
🔑	crpn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
	purchased from	Text

Credit sales table

creditsales		
	Field Name	Data Type
🔑	sn	Number
	date	Text
	customer name	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number

Electricity table

electricity		
	Field Name	Data Type
🔑	sn	AutoNumber
	year	Number
	month	Text
	rate per units	Number
	total units	Number
	to pay	Number
	paid	Number
	due	Number
	prepaid	Number

Purchase return table

purchasereturn		
	Field Name	Data Type
🔑	prn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
	returned to	Text

Rent table

rent		
	Field Name	Data Type
🔑	sn	Number
	year	Number
	month	Text
	monthly rent	Number
	rent paid	Number
	prepaid	Number
	due	Number

Sales return table

salesreturn		
	Field Name	Data Type
🔑	srn	Number
	date	Text
	category	Text
	name of item	Text
	rate	Number
	quantity	Number
	total	Number
	year	Number
	returned from	Text

Wage tables

wage		
	Field Name	Data Type
🔑	sn	Number
	year	Number
	month	Text ▼
	name of employee	Text
	post	Text
	salary	Number
	paid	Number
	due	Number
	prepaid	Number

Yearly book table

yearlybook		
	Field Name	Data Type
🔑	year	Number
	cash sales	Number ▼
	credit sales	Number
	credit purchase	Number
	cash purchase	Number
	sales return	Number
	purchase return	Number
	stocks	Number

Programming

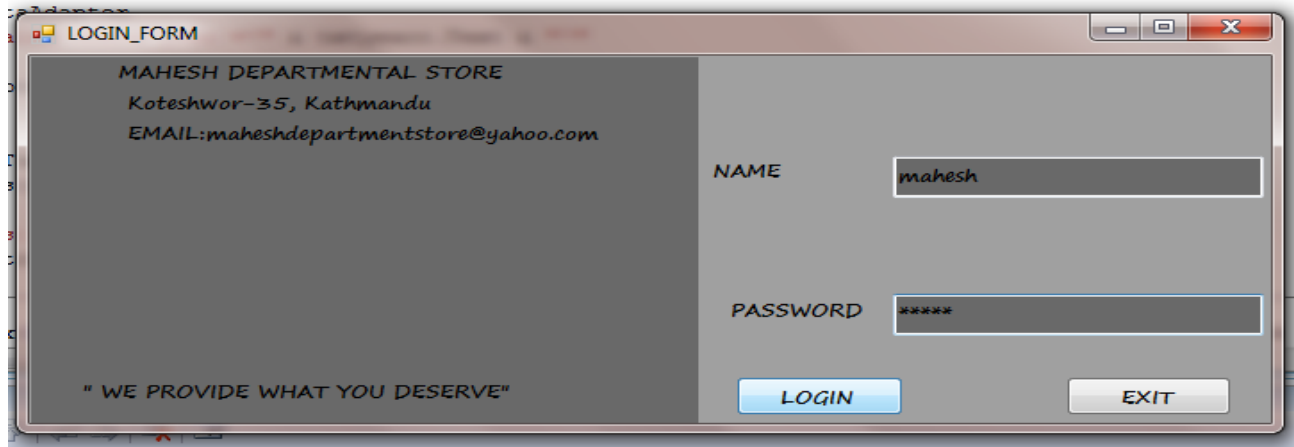
Code Listing

1. Frm - Represents form in project.
2. btn - Represents button in project.
3. txt - Represents text box in project.
4. cmb - Represents combo box in project

Connection

```
Imports System.Data.OleDb
Public Class mahesh
    Dim con As New OleDb.OleDbConnection
    Public Shared cn As OleDbConnection
    Public Shared Sub perform()
        cn = New
OleDb.OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;Data
Source=D:\mahesh accounting system.accdb")
        cn.Open()
    End Sub
End Class
```

Login Screen



```
Imports System.Data.OleDb
Public Class LOGINFORM

    Private Sub btnLOGIN_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnLOGIN.Click
        mahesh.perform() ' for connection with the data base

        If Txtname.Text = "" And txtpassword.Text = "" Then
            'validation check if both the textbox box are not filled'

            MsgBox("please type username and password",
MsgBoxStyle.Exclamation, "mahesh accounting system") 'messagebox
to show error
            ElseIf txtpassword.Text = "" Then 'to check if password
is typed

                MsgBox("please type the password",
MsgBoxStyle.Exclamation, "mahesh accounting system")
                ElseIf Txtname.Text = "" Then
                    MsgBox("please type user name",
MsgBoxStyle.Exclamation, "mahesh accounting system")
                Else

                    Dim str As String
                    Dim ds As New DataSet
                    Dim da As New OleDb.OleDbDataAdapter

                    str = "select * from login where uname='" &
Txtname.Text & "'and password='" & txtpassword.Text & "'"
                    'selecting information from login table
```

```

        da = New OleDb.OleDbDataAdapter(strs, mahesh.cn)
        ds = New DataSet 'creating virtual dataset
        da.Fill(ds, "login")
        If ds.Tables(0).Rows.Count < 1 Then ' validation for
the username and password'
            MsgBox("invalid username or password,try again",
MsgBoxStyle.Exclamation, "mahesh accounting system") 'messagebox
for incorrect entry'
            Txtname.Clear()
            txtpassword.Clear()
            Txtname.Focus()
        Else
            main_form.Show() 'opens main form if the
password and username is correct

        End If
    End If
End Sub

Private Sub LOGINFORM_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
    Txtname.Focus()
End Sub

Private Sub btnexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
    End
End Sub
End Class

```

Main form



```
Imports System.Data.OleDb
```

```
Public Class main_form
```

```
    Private Sub CREDITSALEToolStripMenuItem_Click(ByVal sender  
As System.Object, ByVal e As System.EventArgs) Handles  
CREDITSALEToolStripMenuItem.Click  
        CREDITSALES.Show()  
    End Sub
```

```
    Private Sub CASHSALEToolStripMenuItem_Click(ByVal sender As  
System.Object, ByVal e As System.EventArgs) Handles  
CASHSALEToolStripMenuItem.Click  
        Me.Close()  
        cashsales.Show()  
  
    End Sub
```

```
    Private Sub SALESRTToolStripMenuItem_Click(ByVal sender As  
System.Object, ByVal e As System.EventArgs) Handles  
SALESRTToolStripMenuItem.Click  
        Me.Close()  
        salesreturn.Show()  
  
    End Sub
```

```

    Private Sub CASHPURCHASEToolStripMenuItem_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs) Handles
CASHPURCHASEToolStripMenuItem.Click
        Me.Close()
        cashpurchase.Show()
    End Sub

    Private Sub CREDITPURCHASEToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As System.EventArgs) Handles
CREDITPURCHASEToolStripMenuItem.Click
        Me.Close()
        credit_purchase.Show()
    End Sub

    Private Sub PURCHASERETURNToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As System.EventArgs) Handles
PURCHASERETURNToolStripMenuItem.Click
        Me.Close()
        purchasereturn.Show()
    End Sub

    Private Sub WAGESToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
WAGESToolStripMenuItem.Click
        wages_book.Show()
    End Sub

    Private Sub RENTToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
RENTToolStripMenuItem.Click
        rent.Show()
    End Sub

    Private Sub electricityToolStripMenuItem_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs) Handles
HEATINGANDLIGHTINGToolStripMenuItem.Click
        Me.Close()
        electricity.Show()
    End Sub

    Private Sub MakeReportToolStripMenuItem_Click(ByVal sender
As System.Object, ByVal e As System.EventArgs) Handles
MakeReportToolStripMenuItem.Click
        report.Show()
    End Sub

```

```

    Private Sub SeeReportToolStripMenuItem_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
SeeReportToolStripMenuItem.Click
        see_reports.Show()
    End Sub
End Class

```

Cash sales book

The screenshot shows a Windows application window titled "cash sales_book". Inside the window, there is a form titled "cash sales book". The form contains the following elements:

- SALES NO:** A text box containing the number "2".
- YEAR:** A text box that is currently empty.
- DATE:** A text box containing "Tuesday , April 01, 2014".
- CATEGORY:** A text box that is currently empty.
- NAME OF ITEM:** A text box that is currently empty.
- RATE:** A text box that is currently empty.
- QUANTITY:** A text box that is currently empty.
- TOTAL:** A button with the text "TOTAL".
- Navigation Buttons:** At the bottom of the form, there are three buttons: "NEXT", "SAVE", and "EXIT".

```

Imports System.Data.OleDb
Public Class cashsales

```

```

    Private Sub txtsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
        mahesh.perform()

```

```

        If txtsn.Text = "" Or txtdate.Text = "" Or txtyear.Text
= "" Or txtcategory.Text = "" Or txtrate.Text = "" Or
txtquantity.Text = "" Or txtitemname.Text = "" Then

```

```

        MsgBox("please type all the information",
MsgBoxStyle.Exclamation, "mahesh accounting system")

```

```

    Else

```

```

        Try

```

```

            Dim Str As String
            Dim cmd As OleDbCommand
            Str = "insert Into cashsales values(" &
txtsn.Text & "," & txtdate.Text & "," & txtcategory.Text &
",," & txtitemname.Text & "," & txtrate.Text & "," &
txtquantity.Text & "," & txttotal.Text & "," & txtyear.Text &
",)"

```

```

            cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
            cmd.ExecuteNonQuery()
            MessageBox.Show("record saved", "mahesh
accounting system ")

```

```

        Catch ex As Exception

```

```

            MessageBox.Show(ex.Message())

```

```

        End Try

```

```

    End If

```

```

    btnnext.Enabled = True
    btnsave.Enabled = False

```

```

End Sub

```

```

Private Sub txttotal_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles txtbutton.Click

```

```

    Dim a, b As Single
    a = Convert.ToSingle(txtrate.Text)
    b = Convert.ToSingle(txtquantity.Text)
    txttotal.Text = a * b

```

```

End Sub

```

```

Private Sub txtexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click

```

```

        Me.Close()
        main_form.Show()
    End Sub

    Private Sub cashsales_Load(ByVal sender As System.Object,
    ByVal e As System.EventArgs) Handles MyBase.Load

        btnnext.Enabled = False
        Dim a As Single
        Dim str As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        str = "select * from cashsales"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "cashsales")
        a = ds.Tables(0).Rows.Count
        If a = 0 Then
            txtsn.Text = 1
        Else
            txtsn.Text = a + 1
        End If
    End Sub

    Private Sub btnnext_Click(ByVal sender As System.Object,
    ByVal e As System.EventArgs) Handles btnnext.Click
        Dim b As Single
        b = Convert.ToSingle(txtsn.Text)
        b = b + 1
        txtsn.Text = b
        txtitemname.Clear()
        txtquantity.Clear()
        txtrate.Clear()
        txttotal.Clear()
        btnnext.Enabled = False
        btnsave.Enabled = True

    End Sub

```

Credit sales form

credit sales_book

credit sales book

SN 4

YEAR

DATE Tuesday , April 01, 2014

NAME OF CUSTOMER

CATEGORY

NAME OF ITEM

RATE

QUANTITY

TOTAL

NEXT SAVE EXIT

```
Imports System.Data.OleDb
Public Class CREDITSALES
```

```
    Private Sub btnexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
        Me.Close()
    End Sub
```

```
    Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
        mahesh.perform()
```

```
    Try
        Dim Str As String
        Dim cmd As OleDbCommand
        Str = "insert Into creditsales values(" & txtsn.Text
        & "," & txtdate.Text & "," & txtconsumrname.Text & "," &
        Combocategory.Text & "," & txtgoodname.Text & "," &
        txtrate.Text & "," & txtquantity.Text & "," & txttotal.Text &
        "," & txtyear.Text & ")"
```

```

        cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
        cmd.ExecuteNonQuery()
        MessageBox.Show("record saved", "mahesh accounting
system")
    Catch ex As Exception
        MessageBox.Show(ex.Message())
    End Try
    btnsave.Enabled = False
    btnnext.Enabled = True
End Sub

Private Sub btntotal_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btntotal.Click
    Dim a, b As Single
    a = Convert.ToSingle(txttrate.Text)
    b = Convert.ToSingle(txtquantity.Text)
    txttotal.Text = a * b
End Sub

Private Sub CREDITSALES_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
    Dim a As Single
    Dim str As String
    Dim ds As New DataSet
    Dim da As New OleDb.OleDbDataAdapter
    str = "select * from creditsales"
    da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
    ds = New DataSet
    da.Fill(ds, "electricity")
    a = ds.Tables(0).Rows.Count
    If a = 0 Then
        txtsn.Text = 1
    Else
        txtsn.Text = a + 1
    End If
    btnnext.Enabled = False
End Sub

```

```

Private Sub btnnext_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnnext.Click
    btnnext.Enabled = False
    btnsave.Enabled = True
    Dim b As Single
    b = Convert.ToSingle(txtsn.Text)
    b = b + 1
    txtsn.Text = b
    txtgoodname.Clear()
    txtquantity.Clear()
    txtrate.Clear()
    txttotal.Clear()
End Sub
End Class

```

Sales return form

The screenshot shows a Windows application window titled "sales return_book". Inside the window, there is a form titled "sales return book". The form contains the following elements:

- SRN.**: A text box containing the value "1".
- YEAR**: A dropdown menu.
- DATE**: A date picker showing "Tuesday, April 01, 2014".
- CATEGORY**: A dropdown menu.
- RETURNED FROM**: A text box.
- NAME OF ITEM**: A text box.
- RATE**: A text box.
- QUANTITY**: A text box.
- TOTAL RETURNED**: A label next to a text box.
- Buttons**: Three buttons labeled "NEXT", "SAVE", and "EXIT" are located at the bottom right of the form.

```

Imports System.Data.OleDb
Public Class salesreturn

    Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
        mahesh.perform()
        If txtsrn.Text = "" Or txtitemname.Text = "" Or
txtquantity.Text = "" Or txtrate.Text = "" Then
            MsgBox("please fill the complete information",
MsgBoxStyle.Exclamation, "mahesh accounting system")
        Else
            Try
                Dim Str As String
                Dim cmd As OleDbCommand
                Str = "insert Into salesreturn values(" &
txtsrn.Text & "," & txtdate.Text & "," & txtcategory.Text &
"," & txtitemname.Text & "," & txtrate.Text & "," &
txtquantity.Text & "," & txttotal.Text & "," & txtyear.Text &
"," & txtreturnfrm.Text & ")"
                cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
                cmd.ExecuteNonQuery()
                MessageBox.Show("record saved", "mahesh
accounting system")
            Catch ex As Exception
                MessageBox.Show(ex.Message())
            End Try
        End If
        btnsave.Enabled = False
        btnnext.Enabled = True
    End Sub

    Private Sub btntotal_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btntotal.Click
        Dim a, b As Single
        a = Convert.ToSingle(txtrate.Text)
        b = Convert.ToSingle(txtquantity.Text)
        txttotal.Text = a * b
    End Sub

    Private Sub btnexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
        Me.Close()
        main_form.Show()
    End Sub

```

```

        Private Sub salesreturn_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
            btnnext.Enabled = False
            Dim a As Single
            Dim strsr As String
            Dim ds As New DataSet
            Dim da As New OleDb.OleDbDataAdapter
            strsr = "select * from salesreturn"
            da = New OleDb.OleDbDataAdapter(strsr, mahesh.cn)
            ds = New DataSet
            da.Fill(ds, "electricity")
            a = ds.Tables(0).Rows.Count
            If a = 0 Then
                txtsrn.Text = 1
            Else
                txtsrn.Text = a + 1
            End If
        End Sub

        Private Sub btnnext_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnnext.Click
            Dim b As Single
            b = Convert.ToSingle(txtsrn.Text)

            b = b + 1
            txtsrn.Text = b
            txtitemname.Clear()
            txtquantity.Clear()
            txtrate.Clear()
            txttotal.Clear()
            btnnext.Enabled = False
            btnsave.enabled = True
        End Sub
    End Class

```

Cash purchase form

The screenshot shows a Windows application window titled "cash purchase_book". Inside the window, there is a form titled "cash purchase book". The form contains several input fields and buttons. The fields are: CPN (text box with "2"), YEAR (dropdown menu), DATE (calendar picker showing "Tuesday, April 01, 2014"), PURCHASE FROM (text box), CATEGORY (dropdown menu), NAME OF ITEM (text box), RATE (text box), QUANTITY (text box), and TOTAL (text box). There are three buttons at the bottom right: NEXT, SAVE, and EXIT. The TOTAL button is highlighted with a blue border.

```
Imports System.Data.OleDb
Public Class cashpurchase

    Private Sub btnexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
        Me.Close() ' closes the current window
        main_form.Show() 'opens the main form
    End Sub

    Private Sub btntotal_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btntotal.Click
        Dim a, b As Double
        a = Convert.ToSingle(txtRate.Text)
        b = Convert.ToSingle(txtQuantity.Text)
        txtTotal.Text = a * b ' when tottal button is clicked
rate and quantity is muliplied and result will be shown in
txttotal textbox'
    End Sub

    Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
        mahesh.perform()
    Try
```

```

        Dim Str As String
        Dim cmd As OleDbCommand
        Str = "insert Into cashpurchase values(" &
txtcpn.Text & "," & txtdate.Text & "," & txtcategory.Text &
"', '" & txtitemname.Text & "', '" & txtrate.Text & "," &
txtquantity.Text & "," & txttotal.Text & "," & txtyear.Text &
"', '" & TXPURCHASEFROM.Text & "')"
        'above statement saves the data in the cashpurchase
table'

        cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
        cmd.ExecuteNonQuery()
        MessageBox.Show("record saved", "mahesh accounting
system") 'message when record is saved'
    Catch ex As Exception
        MessageBox.Show(ex.Message())
    End Try
    btnnext.Enabled = True 'after saving data btn next
become enabled
    btnsave.Enabled = False
End Sub

Private Sub cashpurchase_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
    btnnext.Enabled = False
    Dim a As Single
    Dim str As String
    Dim ds As New DataSet
    Dim da As New OleDb.OleDbDataAdapter
    str = "select * from cashpurchase"
    da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
    ds = New DataSet
    da.Fill(ds, "cashpurchase")
    a = ds.Tables(0).Rows.Count
    If a = 0 Then
        txtcpn.Text = 1
    Else
        txtcpn.Text = a + 1
    End If
End Sub

```

```

Private Sub btnnext_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnnext.Click
    Dim b As Single
    b = Convert.ToSingle(txtcpn.Text)

    b = b + 1      'increases the cash purchase number by 1
    automatically if next button is clicked'
    txtcpn.Text = b
    txtitemname.Clear()  ' all the textboxes will be
    cleared once the next button is clicked'
    txtquantity.Clear()
    txtrate.Clear()
    txttotal.Clear()
End Sub
End Class

```

Credit purchase form

The screenshot shows a Windows application window titled "credit purchase_book". Inside the window is a form titled "Credit purchase book". The form contains the following elements:

- CRPN:** A text box containing the value "2".
- YEAR:** A dropdown menu.
- DATE:** A text box displaying "Tuesday , April 01, 2014" with a calendar icon to its right.
- PURCHASED FROM:** A text box.
- CATEGORY:** A dropdown menu.
- NAME OF ITEM:** A text box.
- RATE:** A text box.
- QUANTITY:** A text box.
- TOTAL:** A button next to a text box.
- Navigation Buttons:** Three buttons at the bottom right: "NEXT", "SAVE", and "EXIT".

```

Imports System.Data.OleDb
Public Class credit_purchase

    Private Sub Button3_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
        Me.Close()
        main_form.Show()
    End Sub

    Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
        mahesh.perform()

        Try
            Dim Str As String
            Dim cmd As OleDbCommand
            Str = "insert Into creditpurchase values(" &
txtcrpn.Text & "," & txtdate.Text & "," & txtcategory.Text &
",'" & txtitemname.Text & "'," & txtrate.Text & "," &
txtquantity.Text & "," & txttotal.Text & "','" & txtyear.Text &
",'" & TXTpurchasedfrm.Text & "')"
            cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
            cmd.ExecuteNonQuery()
            MessageBox.Show("record saved", " mahesh accounting
system")
        Catch ex As Exception
            MessageBox.Show(ex.Message())
        End Try
        txtcrpn.Clear()
        txtitemname.Clear()
        txtquantity.Clear()
        txtrate.Clear()
        txttotal.Clear()

    End Sub

    Private Sub btntotal_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btntotal.Click
        Dim a, b As Single
        a = Convert.ToSingle(txtrate.Text)
        b = Convert.ToSingle(txtquantity.Text)
        txttotal.Text = a * b
    End Sub

    Private Sub credit_purchase_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load

```

```

        btnnext.Enabled = False
        Dim a As Single
        Dim strsr As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        strsr = "select * from creditpurchase"
        da = New OleDb.OleDbDataAdapter(strsr, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "electricity")
        a = ds.Tables(0).Rows.Count
        If a = 0 Then
            txtcrpn.Text = 1
        Else
            txtcrpn.Text = a + 1
        End If
    End Sub

    Private Sub btnnext_Click(ByVal sender As System.Object,
        ByVal e As System.EventArgs) Handles btnnext.Click
        Dim b As Single
        b = Convert.ToSingle(txtcrpn.Text)

        b = b + 1
        txtcrpn.Text = b
        txtitemname.Clear()
        txtquantity.Clear()
        txtrate.Clear()
        txttotal.Clear()
    End Sub
End Class

```

Purchase return form

The screenshot shows a Windows application window titled "purchase return_book". Inside the window, there is a form titled "purchase return book". The form contains several input fields and buttons. The fields are: PRN (text box with "2"), YEAR (dropdown menu), DATE (calendar picker showing "Tuesday, April 01, 2014"), RETURNED TO (text box), CATEGORY (dropdown menu), NAME OF ITEM (text box), RATE (text box), and QUANTITY (text box). At the bottom of the form, there are four buttons: "TOTAL" (highlighted), a blank text box, "NEXT", "SAVE", and "EXIT".

```
Imports System.Data.OleDb
Public Class purchasereturn

    Private Sub purchasereturn_Load(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        btnnext.Enabled = False
        Dim a As Single
        Dim strsr As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        strsr = "select * from purchasereturn"
        da = New OleDb.OleDbDataAdapter(strsr, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "electricity")
        a = ds.Tables(0).Rows.Count
        If a = 0 Then
            txtprn.Text = 1
        Else
            txtprn.Text = a + 1
        End If
    End Sub
End Class
```

```

Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
    mahesh.perform()

    Try
        Dim Str As String
        Dim cmd As OleDbCommand
        Str = "insert Into purchasereturn values(" &
txtprn.Text & "," & txtdate.Text & "," & txtcategory.Text &
"," & txtitemname.Text & "," & txtrate.Text & "," &
txtquantity.Text & "," & txttotal.Text & "," & txtyear.Text &
"," & TXTreturnedto.Text & ")"
        cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
        cmd.ExecuteNonQuery()
        MessageBox.Show("record saved", "mahesh accounting
sysstem")
    Catch ex As Exception
        MessageBox.Show(ex.Message())
    End Try

End Sub

Private Sub btntotal_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btntotal.Click
    Dim a, b As Single
    a = Convert.ToSingle(txtrate.Text)
    b = Convert.ToSingle(txtquantity.Text)
    txttotal.Text = a * b
End Sub

Private Sub btnexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
    Me.Close()
    main_form.Show()
End Sub

```

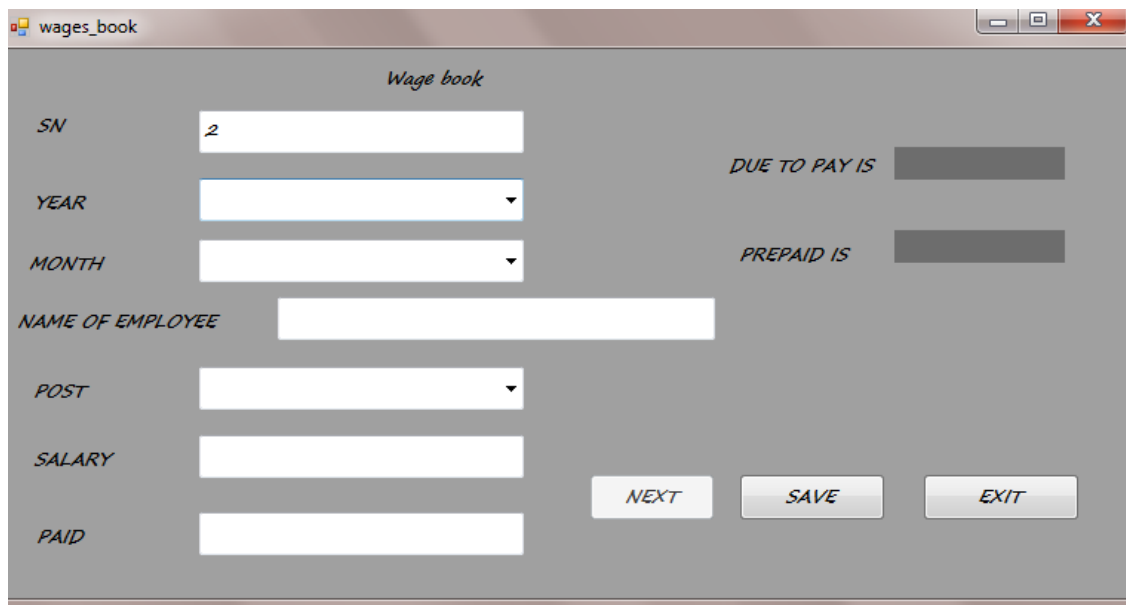
```

Private Sub btnnext_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnnext.Click
    Dim b As Single
    b = Convert.ToSingle(txtprn.Text)

    b = b + 1
    txtprn.Text = b
    txtitemname.Clear()
    txtquantity.Clear()
    txtrate.Clear()
    txttotal.Clear()
End Sub
End Class

```

Wage form



The screenshot shows a Windows application window titled "wages_book". Inside the window, the title "Wage book" is centered at the top. The form contains several input fields and buttons:

- SN**: A text box containing the value "2".
- YEAR**: A dropdown menu.
- MONTH**: A dropdown menu.
- NAME OF EMPLOYEE**: A text box.
- POST**: A dropdown menu.
- SALARY**: A text box.
- PAID**: A text box.
- DUE TO PAY IS**: A text box.
- PREPAID IS**: A text box.
- Buttons**: Three buttons labeled "NEXT", "SAVE", and "EXIT" are located at the bottom right of the form.

```

Imports System.Data.OleDb
Public Class wages_book

    Private Sub btnexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
        Me.Close()
        main_form.Show()
    End Sub

    Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
        mahesh.perform()
        Try
            Dim a, b As Integer
            a = Convert.ToSingle(txtsalary.Text)
            b = Convert.ToSingle(txtpaid.Text)
            If a > b Then
                TXTDUE.Text = (a - b)
                TXTPREPAID.Text = 0
            ElseIf b > a Then
                TXTPREPAID.Text = (b - a)
                TXTDUE.Text = 0
            ElseIf a = b Then
                TXTDUE.Text = 0
                TXTPREPAID.Text = 0
            End If

        Catch ex As Exception
            MessageBox.Show(ex.Message())

        End Try

        Try
            Dim Str As String
            Dim cmd As OleDbCommand
            Str = "insert Into wage values(" & txtsn.Text & ","
& txtyear.Text & "," & txtmonth.Text & "," & txtname.Text &
"& txtpost.Text & "," & txtsalary.Text & "," &
txtpaid.Text & "," & TXTDUE.Text & "," & TXTPREPAID.Text & ")"
            cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
            cmd.ExecuteNonQuery()
            MessageBox.Show("record saved", "mahesh accounting
system")
        End Try
    End Sub
End Class

```

```

        Catch ex As Exception
            MessageBox.Show(ex.Message())
        End Try
        btnsave.Enabled = False
        btnnext.Show()
        btnnext.Enabled = True

    End Sub

    Private Sub wages_book_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load

        mahesh.perform()
        Dim a As Single
        Dim str As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        str = "select * from wage"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "wage")
        a = ds.Tables(0).Rows.Count
        txtsn.Text = a + 1
        btnnext.Enabled = False

    End Sub

    Private Sub btnnext_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnnext.Click
        Dim a As Single
        a = Convert.ToSingle(txtsn.Text)
        a = a + 1
        txtsn.Text = a
        btnnext.Enabled = False
        btnsave.Enabled = True
        TXTDUE.Clear()
        txtpaid.Clear()
        txtname.Clear()
        TXTPREPAID.Clear()
        txtsalary.Clear()

    End Sub
End Class

```

Rent form

The screenshot shows a Windows application window titled "rent_book". Inside the window, the title "Rent book" is centered at the top. Below the title, there are seven input fields arranged in two columns. The left column contains "SN" (a text box), "YEAR" (a dropdown menu), "MONTH" (a dropdown menu), "MONTHLY RENT" (a text box), and "RENT PAID" (a text box). The right column contains "PRE-PAID" (a text box) and "DUE" (a text box). At the bottom right of the window, there are three buttons: "NEXT", "SAVE", and "EXIT".

```
Imports System.Data.OleDb
Public Class rent

    Private Sub rent_Load(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles MyBase.Load
        btnnext.Enabled = False
        mahesh.perform()

        Dim a As Single
        Dim str As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        str = "select * from rent"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "login")
        a = ds.Tables(0).Rows.Count
        If a = 0 Then
            txtsn.Text = 1
        Else
            txtsn.Text = a + 1
        End If
    End Sub
End Class
```

```

Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
    mahesh.perform()
    Dim a, b As Integer
    a = Convert.ToSingle(txtrent.Text) ' stores the
numerical value of txtrent in 'a'
    b = Convert.ToSingle(txtpaid.Text) 'stores the numerical
value of txtpaid in 'b'
    If a > b Then
        txtdue.Text = (a - b)
        txtprepaid.Text = 0
    ElseIf b > a Then
        txtprepaid.Text = (b - a)
'comparisons to find out due or prepaid
        txtdue.Text = 0
    ElseIf a = b Then
        txtdue.Text = 0
        txtprepaid.Text = 0

    End If

    Try
        Dim Str As String
        Dim cmd As OleDbCommand
        Str = "insert Into rent values(" & txtsn.Text & ", '"
& txtyear.Text & "', '" & cmbmonth.Text & "', '" & txtrent.Text &
"', '" & txtpaid.Text & "', '" & txtprepaid.Text & "', '" & txtdue.Text
& ")"

        cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
        cmd.ExecuteNonQuery()
        MessageBox.Show("record saved", "mahesh accounting
system")
    Catch ex As Exception
        MessageBox.Show(ex.Message())
    End Try
    btnsave.Enabled = False
    btnnext.Enabled = True
End Sub

```

```

        Private Sub btnnext_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnnext.Click
            Dim b As Single
            b = Convert.ToSingle(txttsn.Text)

            b = b + 1
            txttsn.Text = b

            btnsave.Enabled = True
            btnnext.Enabled = False

        End Sub
    End Class

```

Form electricity

```

Imports System.Data.OleDb
Public Class electricity

```

```

        Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
            mahesh.perform()
            txttotal.Text = (txtrate.Text) * (txtunit.Text)

        Try

```

```

        Dim a, b As Integer
        a = Convert.ToSingle(txttotal.Text)
        b = Convert.ToSingle(txtpaid.Text)
        If a > b Then
            txtdue.Text = (a - b)
            txtprepaid.Text = 0
        ElseIf b > a Then
            txtprepaid.Text = (b - a)
            txtdue.Text = 0
        ElseIf a = b Then
            txtdue.Text = 0
            txtprepaid.Text = 0

        End If

    Catch ex As Exception
        MessageBox.Show(ex.Message())

    End Try

    Try
        Dim Str As String
        Dim cmd As OleDbCommand
        Str = "insert into electricity values(" & txtsn.Text
        & ", '" & txtyear.Text & "', '" & cmbmonth.Text & "', '" &
        txtrate.Text & "', '" & txtunit.Text & "', '" & txttotal.Text & "', '"
        & txtpaid.Text & "', '" & txtdue.Text & "', '" & txtprepaid.Text & "')"
        cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
        cmd.ExecuteNonQuery()
        MessageBox.Show("record saved", "mahesh accounting
system")
    Catch ex As Exception
        MessageBox.Show(ex.Message())
    End Try
    btnsave.Enabled = False
    btnnext.Enabled = True
    btnnext.Enabled = True

End Sub

Private Sub electricity_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
    mahesh.perform()

```

```

Dim a As Single
Dim strs As String
Dim ds As New DataSet
Dim da As New OleDb.OleDbDataAdapter
strs = "select * from electricity"
da = New OleDb.OleDbDataAdapter(strs, mahesh.cn)
ds = New DataSet
da.Fill(ds, "electricity")
a = ds.Tables(0).Rows.Count
If a = 0 Then
    txtsn.Text = 1
Else
    txtsn.Text = a + 1
End If

txtsn.ReadOnly = True
txtrate.ReadOnly = True
txtdue.ReadOnly = True
txt prepaid.ReadOnly = True
txtchangerate.ReadOnly = True
txtrate.Text = 0
txtdue.ReadOnly = True
txttotal.ReadOnly = True
btnok.Hide()

btnnext.Enabled = False
End Sub

Private Sub btnchange_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnchange.Click
    txtyear.Enabled = False
    txtdue.ReadOnly = True
    txtpaid.ReadOnly = True
    txttotal.ReadOnly = True
    txtunit.ReadOnly = True

    txtchangerate.ReadOnly = False
    btnchange.Hide()
    btnok.Show()

End Sub

Private Sub btnok_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles btnok.Click

```

```

        txtrate.Text = txtchangerate.Text
        txtchangerate.ReadOnly = True
        btnok.Hide()
        btnchange.Show()
        txtyear.Enabled = True
        txtdue.ReadOnly = False
        txtpaid.ReadOnly = False
        txttotal.ReadOnly = False
        txtunit.ReadOnly = False
    End Sub

    Private Sub btnnext_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnnext.Click
        Dim b As Single
        b = Convert.ToSingle(txtsn.Text)

        b = b + 1
        txtsn.Text = b

        Dim strs As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        strs = "select * from wage"
        da = New OleDb.OleDbDataAdapter(strs, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "login")

        txtdue.Clear()
        txtprepaid.Clear()
        txtunit.Clear()
        txtpaid.Clear()
        txttotal.Clear()
        btnnext.Enabled = False
        btnsave.Enabled = True

    End Sub

```

```

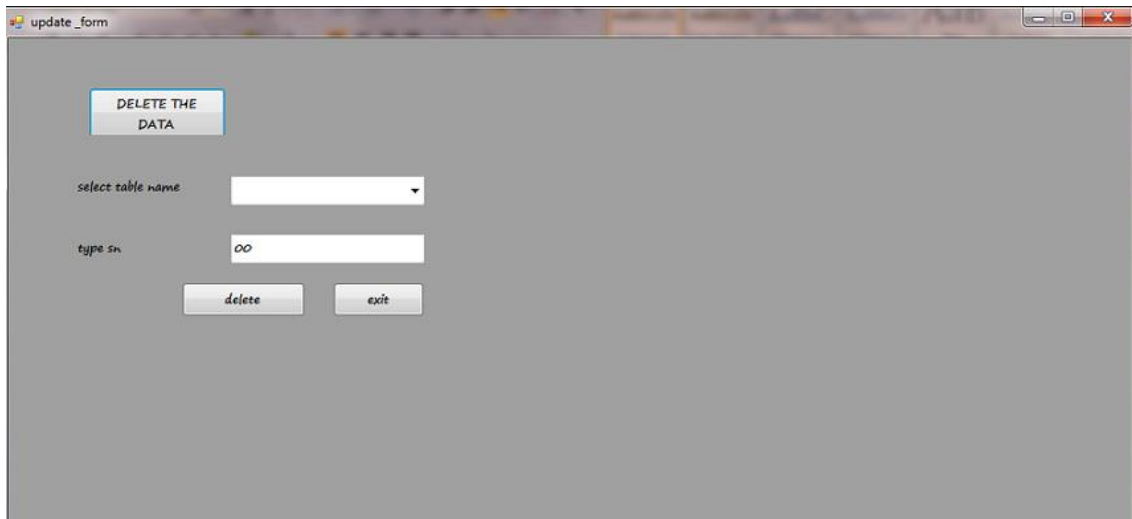
    Private Sub btnexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
        Me.Close()
        main_form.Show()

    End Sub

    Private Sub btntopay_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btntopay.Click
        Dim a, b As Single
        a = Convert.ToSingle(txtrate.Text)
        b = Convert.ToSingle(txtunit.Text)
        txttotal.Text = a * b
    End Sub
End Class

```

Delete form



```

Private Sub btndelete_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles btndelete.Click

```

```

    Paneldeleteandmodify.Hide()
    Panelconfirm.Show()
    Dim str As String
    Dim ds As New DataSet
    Dim da As New OleDb.OleDbDataAdapter
    If cmbselect.Text = "creditsales" Then

```

```

        str = "select * from creditsales where sn =" &
txtsn.Text & ""
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "creditsales")
    ElseIf cmbselect.Text = "cashsales" Then
        str = "select * from cashsales where sn=" &
txtsn.Text & ""
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "cashsales")
    ElseIf cmbselect.Text = "salesreturn" Then
        str = "select * from salesreturn where srn=" &
txtsn.Text & ""
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "salesreturn")

    ElseIf cmbselect.Text = "cashpurchase" Then
        str = "select * from cashpurchase where cpn=" &
txtsn.Text & ""
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "cashpurchase")
    ElseIf cmbselect.Text = "creditpurchase" Then
        str = "select * from creditpurchase where crpn=" &
txtsn.Text & ""
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "creditpurchase")
    ElseIf cmbselect.Text = "purchasereturn" Then
        str = "select * from purchasereturn where prn=" &
txtsn.Text & ""
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "purchasereturn")
    ElseIf cmbselect.Text = "wage" Then
        str = "select * from wage where sn=" & txtsn.Text &
""
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "wage")
    ElseIf cmbselect.Text = "rent" Then
        str = "select * from rent where sn=" & txtsn.Text &
""
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet

```

```

        da.Fill(ds, "rent")
    ElseIf cmbselect.Text = "electricity" Then
        strsr = "select * from electricity where sn=" &
txttsn.Text & ""
        da = New OleDb.OleDbDataAdapter(strsr, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "electricity")

    End If
    showdata.DataSource = ds.Tables(0)
    showdata.ReadOnly = True
    confirm.Show()
    confirm2.Hide()
    btnremove.Show()
    btnyes.Hide()
    If ds.Tables(0).Rows.Count < 1 Then
        MsgBox("the record doesnot exist",
MsgBoxStyle.Exclamation, "MAHESH ACCOUNTING SYSTEM")
        Panelconfirm.Hide()
        Paneldeleteandmodify.Show()
    End If
End Sub

Private Sub btnremove_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnremove.Click
    mahesh.perform()

    If cmbselect.Text = "creditsales" Then
        Dim cmdDel As New OleDbCommand("Delete From
creditsales Where sn =" & txttsn.Text & "", mahesh.cn)
        cmdDel.ExecuteNonQuery()
        MessageBox.Show("Record Deleted", "mahesh accounting
system")

    ElseIf cmbselect.Text = "cashsales" Then
        Dim cmdDel As New OleDbCommand("Delete From
cashsales Where sn =" & txttsn.Text & "", mahesh.cn)
        cmdDel.ExecuteNonQuery()
        MessageBox.Show("Record Deleted", "mahesh accounting
system")

    ElseIf cmbselect.Text = "salesreturn" Then
        Dim cmdDel As New OleDbCommand("Delete From
salesreturn Where srn =" & txttsn.Text & "", mahesh.cn)
        cmdDel.ExecuteNonQuery()

```

```

        MessageBox.Show("Record Deleted", "mahesh accounting
system")

        ElseIf cmbselect.Text = "cashpurchase" Then
            Dim cmdDel As New OleDbCommand("Delete From
cashpurchase Where cpn =" & txtsn.Text & "", mahesh.cn)
            cmdDel.ExecuteNonQuery()
            MessageBox.Show("Record Deleted", "mahesh accounting
system")

            ElseIf cmbselect.Text = "creditpurchase" Then
                Dim cmdDel As New OleDbCommand("Delete From
creditpurchase Where crpn =" & txtsn.Text & "", mahesh.cn)
                cmdDel.ExecuteNonQuery()
                MessageBox.Show("Record Deleted", "mahesh accounting
system")

                ElseIf cmbselect.Text = "purchasereturn" Then
                    Dim cmdDel As New OleDbCommand("Delete From
purchasereturn Where prn =" & txtsn.Text & "", mahesh.cn)
                    cmdDel.ExecuteNonQuery()
                    MessageBox.Show("Record Deleted", "mahesh accounting
system")

                    ElseIf cmbselect.Text = "wage" Then
                        Dim cmdDel As New OleDbCommand("Delete From wage
Where sn =" & txtsn.Text & "", mahesh.cn)
                        cmdDel.ExecuteNonQuery()
                        MessageBox.Show("Record Deleted", "mahesh accounting
system")

                        ElseIf cmbselect.Text = "rent" Then
                            Dim cmdDel As New OleDbCommand("Delete From rent
Where sn =" & txtsn.Text & "", mahesh.cn)
                            cmdDel.ExecuteNonQuery()
                            MessageBox.Show("Record Deleted", "mahesh accounting
system")

```

```

ElseIf cmbselect.Text = "electricity" Then
    Dim cmdDel As New OleDbCommand("Delete From
electricity Where sn =" & txtsn.Text & "", mahesh.cn)
    cmdDel.ExecuteNonQuery()
    MessageBox.Show("Record Deleted", "mahesh accounting
system")

End If

Panelconfirm.Hide()
Paneldeleteandmodify.Show()

End Sub

```

Make yearly report form

MAKE YEARLY REPORT

YEAR 2015

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES	
T.CREDITSales	
T.SALES RETURN	
T.CASH PURCHASE	
T.CREDIT PURCHASE	
T.PURCHASE RETURN	
T.WAGE	
T.ELECTRICITY	
T.RENT	

SAVE EXIT

```

Imports System.Data.OleDb
Public Class report

    Private Sub btncashsales_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
btncashsales.Click
        mahesh.perform()

        Dim bal As Integer
        Dim str As String
        Dim ds As New DataSet

```

```

        Dim da As New OleDb.OleDbDataAdapter
        str = "select * from cashsales where year =" &
txtyear.Text & ""

        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "cashsales")
        For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
            bal += ds.Tables(0).Rows(i).Item("total")
        Next
        MsgBox("    total cash sales is  " & bal,
MsgBoxStyle.Exclamation)
        txttcashsales.Text = bal.ToString()
    End Sub

    Private Sub btncreditsales_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
btncreditsales.Click
        mahesh.perform()
        Dim bal As Integer
        Dim str As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        str = "select * from creditsales where year =" &
txtyear.Text & ""

        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "creditsales")
        For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
            bal += ds.Tables(0).Rows(i).Item("total")

        Next
        MsgBox(" total ccreditsales revenue for year is  " & ""
& bal, MsgBoxStyle.OkOnly, "mahesh accounting system")
        txtcreditsales.Text = bal.ToString()
    End Sub

    Private Sub btncreditpurchase_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
btncreditpurchase.Click
        mahesh.perform()
        Dim bal As Integer
        Dim str As String
        Dim ds As New DataSet

```

```

        Dim da As New OleDb.OleDbDataAdapter
        str = "select * from creditpurchase where year =" &
txtyear.Text & ""

        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "creditpurchase")
        For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
            bal += ds.Tables(0).Rows(i).Item("total")

        Next

        MsgBox("        total value of creditpurchase for year is "
& "" & bal, MsgBoxStyle.OkOnly, "mahesh accounting system")
        txtcreditpurchase.Text = bal.ToString()
    End Sub

    Private Sub btncashpurchase_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
btncashpurchase.Click
        mahesh.perform()
        Dim bal As Integer
        Dim str As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        str = "select * from cashpurchase where year =" &
txtyear.Text & ""

        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "cashpurchase")
        For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
            bal += ds.Tables(0).Rows(i).Item("total")
        Next
        MsgBox(" total cashpurchase for year is " & "" & bal,
MsgBoxStyle.OkOnly, "mahesh accounting system")
        txtcashpurchase.Text = bal.ToString()
    End Sub

    Private Sub btnsalesreturn_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
btnsalesreturn.Click
        mahesh.perform()
        Dim bal As Integer
        Dim str As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter

```

```

        strsr = "select * from salesreturn where year =" &
txtyear.Text & ""

        da = New OleDb.OleDbDataAdapter(strsr, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "salesreturn")
        For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
            bal += ds.Tables(0).Rows(i).Item("total")

        Next
        MsgBox("        totalsales return for the year is " & "" &
bal, MsgBoxStyle.OkOnly, "mahesh accounting system")
        txtsalesreturn.Text = bal.ToString()
    End Sub

    Private Sub btnpurchasereturn_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
btnpurchasereturn.Click
        mahesh.perform()
        Dim bal As Integer
        Dim strsr As String
        Dim ds As New DataSet
        Dim da As New OleDb.OleDbDataAdapter
        strsr = "select * from purchasereturn where year =" &
txtyear.Text & ""

        da = New OleDb.OleDbDataAdapter(strsr, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "purchasereturn")
        For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
            bal += ds.Tables(0).Rows(i).Item("total")

        Next
        MsgBox("total purchase return for the year is " & "" &
bal, MsgBoxStyle.OkOnly, "mahesh accounting system")

        txtpurchasereturn.Text = bal.ToString()
    End Sub

    Private Sub btnwage_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnwage.Click
        mahesh.perform()
        Dim bal As Integer
        Dim strsr As String
        Dim ds As New DataSet

```

```

Dim da As New OleDb.OleDbDataAdapter
strs = "select * from wage where year =" & txtyear.Text
& ""

da = New OleDb.OleDbDataAdapter(strs, mahesh.cn)
ds = New DataSet
da.Fill(ds, "wage")
For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
    bal += ds.Tables(0).Rows(i).Item("salary")

Next
MsgBox("total wages expenses for the year is " & "" &
bal, MsgBoxStyle.OkOnly, "mahesh accounting system")

txtwage.Text = bal.ToString()
End Sub

Private Sub btnelectricity_Click(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
btnelectricity.Click
    mahesh.perform()
    Dim bal As Integer
    Dim strs As String
    Dim ds As New DataSet
    Dim da As New OleDb.OleDbDataAdapter
    strs = "select * from electricity where year =" &
txtyear.Text & ""

    da = New OleDb.OleDbDataAdapter(strs, mahesh.cn)
    ds = New DataSet
    da.Fill(ds, "electricity")
    For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
        bal += ds.Tables(0).Rows(i).Item("to pay")

    Next
    MsgBox("total electricity expense for the year is " & ""
& bal, MsgBoxStyle.Exclamation, "mahesh accounting system")

    txtelectricity.Text = bal.ToString()
End Sub

Private Sub btnrent_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnrent.Click
    mahesh.perform()
    Dim bal As Integer

```

```

Dim str1 As String
Dim ds As New DataSet
Dim da As New OleDb.OleDbDataAdapter
str1 = "select * from rent where year =" & txtyear.Text
& ""

da = New OleDb.OleDbDataAdapter(str1, mahesh.cn)
ds = New DataSet
da.Fill(ds, "rent")
For i As Integer = 0 To ds.Tables(0).Rows.Count - 1
    bal += ds.Tables(0).Rows(i).Item("monthly rent")

Next
MsgBox("total rent expenses of the year is " & "" & bal,
MsgBoxStyle.OkOnly, "mahesh accounting system")
txtrent.Text = bal.ToString()
End Sub
Private Sub btnsave_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnsave.Click
    SFY.Show()
    mahesh.perform()
    Dim cass, cres, crep, casp, sr, pr, stock As Integer
    cass = Convert.ToSingle(txttcashsales.Text)
    cres = Convert.ToSingle(txtcreditsales.Text)
    crep = Convert.ToSingle(txtcreditpurchase.Text)
    casp = Convert.ToSingle(txtcashpurchase.Text)
    sr = Convert.ToSingle(txtsalesreturn.Text)
    pr = Convert.ToSingle(txtpurchasereturn.Text)
    stock = (casp + crep - pr) - (cass + cres - sr)
    txtstocks.Text = stock
    Try
        Dim Str As String
        Dim cmd As OleDbCommand
        Str = "insert Into yearlybook values('" &
txtyear.Text & "','" & txttcashsales.Text & "','" &
txtcreditsales.Text & "','" & txtcreditpurchase.Text & "','" &
txtcashpurchase.Text & "','" & txtsalesreturn.Text & "','" &
txtpurchasereturn.Text & "','" & txtstocks.Text & "')"
        cmd = New OleDb.OleDbCommand(Str, mahesh.cn)
        cmd.ExecuteNonQuery()
        MessageBox.Show("record saved", "mahesh accounting
system")
    Catch ex As Exception
        MessageBox.Show(ex.Message())
    End Try
End Sub

```

```

Private Sub make_report_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load

    SFY.Hide()
    Dim a As Single
    Dim str1 As String
    Dim ds As New DataSet
    Dim da As New OleDb.OleDbDataAdapter
    str1 = "select * from yearlybook"
    da = New OleDb.OleDbDataAdapter(str1, mahesh.cn)
    ds = New DataSet
    da.Fill(ds, "yearlybook")
    If ds.Tables(0).Rows.Count < 1 Then
        txtyear.Text = 2014
    Else
        a = ds.Tables(0).Rows(0)("year").ToString
        txtyear.Text = a + 1
    End If

End Sub
End Class

```

See report form

The screenshot shows a Windows-style application window titled "see_reports". Inside the window, at the top, is the text "type year and select table to see datas available". Below this, there is a text input field labeled "type year" and a dropdown menu labeled "select the table". To the right of the dropdown are three buttons: "SHOW", "EXIT", and "UPDATE". Below these controls is a large, empty rectangular area, likely for displaying data. At the bottom center of the window is a button labeled "NEXT".

```
Public Class see_reports

    Private Sub BTNSHOW_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles BTNSHOW.Click
        If txtyear.Text = "" And cmbselect.Text = "" Then
            MsgBox("please type year and select table",
MsgBoxStyle.Exclamation, "mahesh accounting system")
        ElseIf txtyear.Text = "" Then
            MsgBox("please type the year you want to see report
of", MsgBoxStyle.Exclamation, " mahesh accounting system")
'validation of the textboxes '
        ElseIf cmbselect.Text = "" Then

            MsgBox("please select the table you want to see
report of", MsgBoxStyle.Exclamation, "mahesh accounting system")
        Else

            btnupdate.Enabled = True
            BTNSHOW.Enabled = False
            Dim strs As String
            Dim ds As New DataSet
            Dim da As New OleDb.OleDbDataAdapter
            If cmbselect.Text = "creditsales" Then
```

```

        str = "select * from creditsales where year='"
& txtyear.Text & "'" 'if creditsales is chosen from cmbselect
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "creditsales")
    ElseIf cmbselect.Text = "cashsales" Then
        str = "select * from cashsales where year='" &
txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "cashsales")
    ElseIf cmbselect.Text = "salesreturn" Then
        str = "select * from salesreturn where year='"
& txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "salesreturn")

    ElseIf cmbselect.Text = "cashpurchase" Then
& txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "cashpurchase")
    ElseIf cmbselect.Text = "creditpurchase" Then
        str = "select * from creditpurchase where
year='" & txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "creditpurchase")
    ElseIf cmbselect.Text = "purchasereturn" Then
        str = "select * from purchasereturn where
year='" & txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "purchasereturn")
    ElseIf cmbselect.Text = "wage" Then
txtyear.Text & "'"
        str = "select * from wage where year='" &
txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "wage")
    ElseIf cmbselect.Text = "rent" Then
txtyear.Text & "'"
        str = "select * from rent where year='" &
txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet

```

```

        da.Fill(ds, "rent")
    ElseIf cmbselect.Text = "electricity" Then
        str = "select * from electricity where year='"
& txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "electricity")
    ElseIf cmbselect.Text = "yearlybook" Then
        str = "select * from yearlybook where year='" &
txtyear.Text & "'"
        da = New OleDb.OleDbDataAdapter(str, mahesh.cn)
        ds = New DataSet
        da.Fill(ds, "yearlybook")
    End If

    SHOWDATA.DataSource = ds.Tables(0)
    SHOWDATA.ReadOnly = True
End If
End Sub

Private Sub btnexit_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnexit.Click
    Me.Close()
    main_form.Show()

End Sub

Private Sub btnupdate_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnupdate.Click
    Me.Close()
    updateform.Show()

End Sub

Private Sub see_reports_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load

End Sub

Private Sub btnnext_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles btnnext.Click
    BTNSHOW.Enabled = True

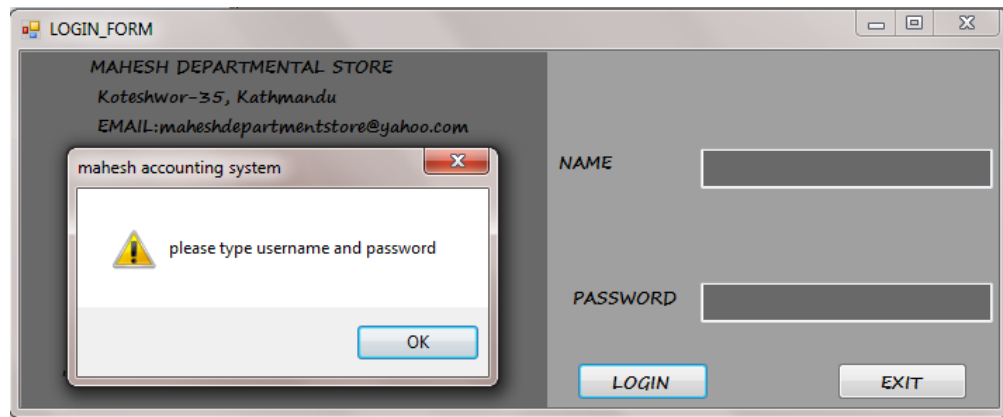
End Sub
End Class

```

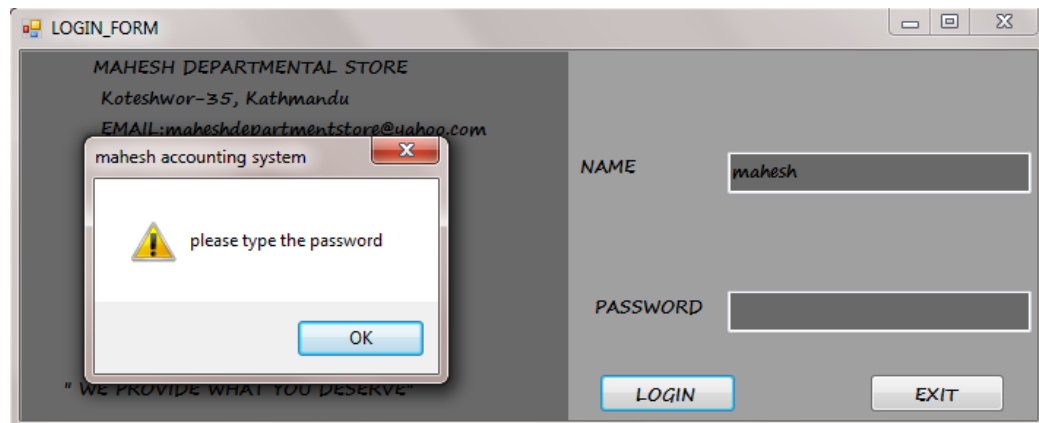
Testing

Login form

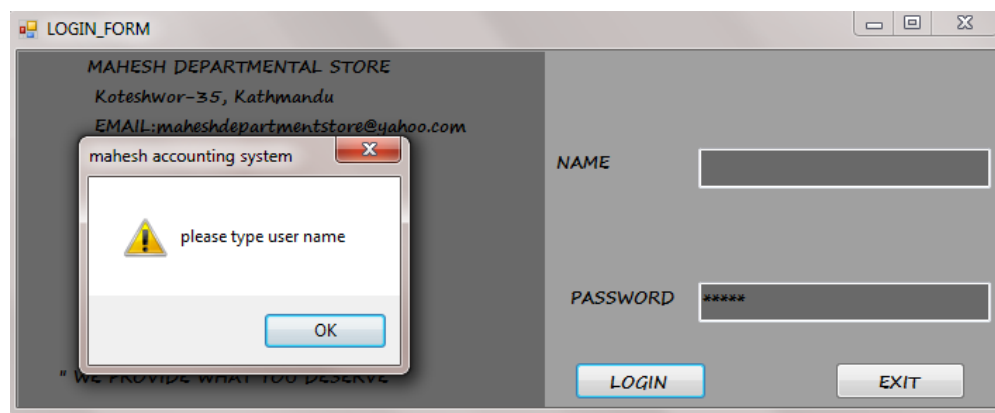
Test 1



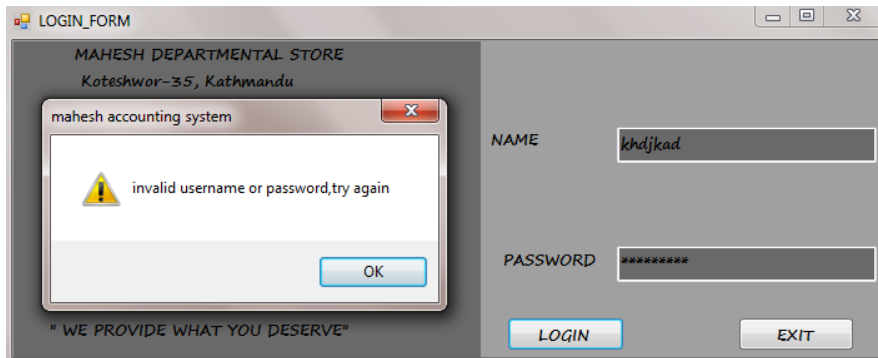
Test 2



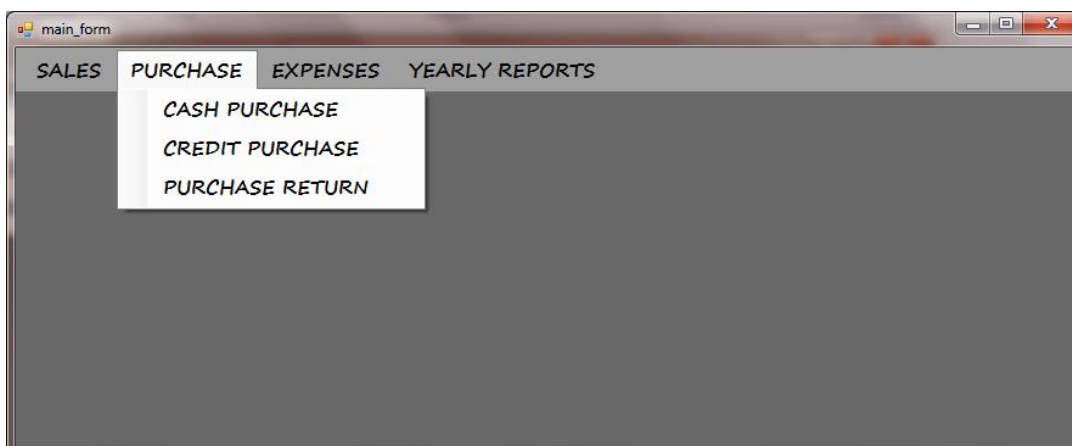
Test 3

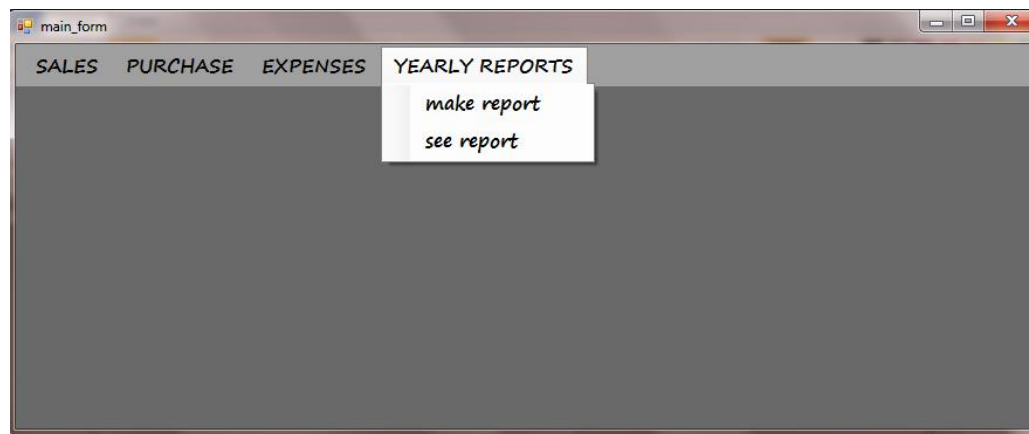


Test 4



Main form





Cash sales

cash sales_book

cash sales book

SALES NO 1

YEAR 2014

DATE

CATEGORY

NAME OF ITEM

RATE

QUANTITY

TOTAL

NEXT SAVE EXIT

cash sales_book

cash sales book

SALES NO 1

YEAR 2014

DATE Friday , April 04, 2014

CATEGORY

NAME OF ITEM

RATE

QUANTITY

TOTAL

NEXT SAVE EXIT

cash sales_book

cash sales book

SALES NO	1
YEAR	2014
DATE	Friday , April 04, 2014
CATEGORY	FOODS
NAME OF ITEM	sneakers
RATE	30
QUANTITY	5
TOTAL	150

NEXT SAVE EXIT

cash sales_book

cash sales book

SALES NO	1
YEAR	2014
DATE	Friday , April 04, 2014
CATEGORY	FOODS
NAME OF ITEM	sneakers
RATE	30
QUANTITY	5
TOTAL	150

NEXT SAVE EXIT

maresh accounting syste...
record saved
OK

Credit sales

credit sales_book

credit sales book

SN: 1

YEAR: 2014

DATE: Friday, April 04, 2014

NAME OF CUSTOMER: Hari bhadur

CATEGORY: clothes

NAME OF ITEM: armani pants

RATE: 5000

QUANTITY: 1

TOTAL: 5000

NEXT SAVE EXIT

mahesh accounting syst...
record saved
OK

Sales return

sales return_book

sales return book

SRN.: 1

YEAR: 2014

DATE: Friday, April 04, 2014

CATEGORY: electronics

RETURNED FROM: lilam sapkota

NAME OF ITEM: lg led tv

RATE: 15000

QUANTITY: 1

TOTAL RETURNED: 15000

NEXT SAVE EXIT

mahesh accounting syst...
record saved
OK

Cash purchase

cash purchase_book

cash purchase book

CPN	1
YEAR	2014
DATE	Friday , April 04, 2014
PURCHASE FROM	minakshi suppliers
CATEGORY	foods
NAME OF ITEM	basmati premium rice
RATE	1500
QUANTITY	5
TOTAL	7500

NEXT SAVE EXIT

maresh accounting syst...
record saved
OK

Credit purchase

credit purchase_book

Credit purchase book

CRPN	1
YEAR	2014
DATE	Friday , April 04, 2014
PURCHASED FROM	ramshri suppliers
CATEGORY	CLOTHES
NAME OF ITEM	jeans t- shirt
RATE	500
QUANTITY	500
TOTAL	250000

NEXT SAVE EXIT

maresh accounting syst...
record saved
OK

Purchase return

purchase return_book

purchase return book

PRN 1

YEAR 2014

DATE Friday , April 04, 2014

RETURNED TO halleal suppliers

CATEGORY electronics

NAME OF ITEM rice cookers

RATE 4500

QUANTITY 5

TOTAL 22500

NEXT SAVE EXIT

maresh accounting sysst... record saved OK

Wage

wages_book

Wage book

SN 1

YEAR 2014

MONTH MAR

NAME OF EMPLOYEE nima sherpa

POST SALES PERSON

SALARY 45000

PAID 30000

DUE TO PAY IS 15000

PREPAID IS 0

NEXT SAVE EXIT

maresh accounting sysst... record saved OK

Rent

rent_book

Rent book

SN 1

YEAR 2014

MONTH APR

MONTHLY RENT 45000

RENT PAID 50000

PRE-PAID 5000

DUE 0

maahesh accounting syst...
record saved
OK

NEXT SAVE EXIT

Electricity

electricity_book

ELECTRICITY BOOK

SN 1

YEAR 2013

MONTH APR

RATE (per units) 5

TOTAL UNITS 6

to pay 30

PAID 30

DUE 0

PRE-PAID 0

CHANGE RATE 5

maahesh accounting syst...
record saved
OK

NEXT SAVE EXIT

Make report

MAKE YEARLY REPORT

YEAR 2014

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES

T.CREDITSALES

T.SALES RETURN

T.CASH PURCHASE

T.CREDIT PURCHASE

T.PURCHASE RETURN

T.WAGE

T.ELECTRICITY

T.RENT

maresh accounting system

total cash sales revenue for year is 106450

OK

SAVE EXIT

MAKE YEARLY REPORT

YEAR 2014

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES 106450

T.CREDITSALES

T.SALES RETURN

T.CASH PURCHASE

T.CREDIT PURCHASE

T.PURCHASE RETURN

T.WAGE

T.ELECTRICITY

T.RENT

maresh accounting system

total ccreditsales revenue for year is 1608

OK

SAVE EXIT

MAKE YEARLY REPORT

YEAR 2014

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES 106450

T.CREDITSALES 1608

T.SALES RETURN

T.CASH PURCHASE

T.CREDIT PURCHASE

T.PURCHASE RETURN

T.WAGE

T.ELECTRICITY

T.RENT

maresh accounting system

totalsales return for the year is 4472

OK

SAVE EXIT

MAKE YEARLY REPORT

YEAR 2014

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES	106450
T.CREDITSALES	1608
T.SALES RETURN	4472
T.CASH PURCHASE	
T.CREDIT PURCHASE	
T.PURCHASE RETURN	
T.WAGE	
T.ELECTRICITY	
T.RENT	

maahesh accounting system

total cashpurchase for year is 875000

OK

SAVE EXIT

MAKE YEARLY REPORT

YEAR 2014

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES	106450
T.CREDITSALES	1608
T.SALES RETURN	4472
T.CASH PURCHASE	875000
T.CREDIT PURCHASE	
T.PURCHASE RETURN	
T.WAGE	
T.ELECTRICITY	
T.RENT	

maahesh accounting system

total value of creditpurchase for year is 340000

OK

SAVE EXIT

MAKE YEARLY REPORT

YEAR

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES	106450
T.CREDITSALES	1608
T.SALES RETURN	4472
T.CASH PURCHASE	875000
T.CREDIT PURCHASE	340000
T.PURCHASE RETURN	
T.WAGE	
T.ELECTRICITY	
T.RENT	

maresh accounting system

total purchase return for the year is 0

OK

SAVE EXIT

MAKE YEARLY REPORT

YEAR

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES	106450
T.CREDITSALES	1608
T.SALES RETURN	4472
T.CASH PURCHASE	875000
T.CREDIT PURCHASE	340000
T.PURCHASE RETURN	0
T.WAGE	113000
T.ELECTRICITY	
T.RENT	

maresh accounting system

total electricity expense for the year is 69104

OK

SAVE EXIT

MAKE YEARLY REPORT

YEAR

MAKE YEARLY REPORT
click the button ,and make report

T.CASH SALES	106450
T.CREDITSALES	1608
T.SALES RETURN	4472
T.CASH PURCHASE	875000
T.CREDIT PURCHASE	340000
T.PURCHASE RETURN	0
T.WAGE	113000
T.ELECTRICITY	69104
T.RENT	40000

stocks for the year
is
1111414

record saved

OK

SAVE EXIT

Delete the record

update_form

DELETE THE DATA

select table name

type sn

delete exit

update_form

DELETE THE DATA

select table name

type sn

creditsales
cashsales
salesreturn
d cashpurchase
creditpurchase
purchasereturn
wage
rent
electricity

update_form

DELETE THE DATA

select table name salesreturn

type sn 1

delete exit

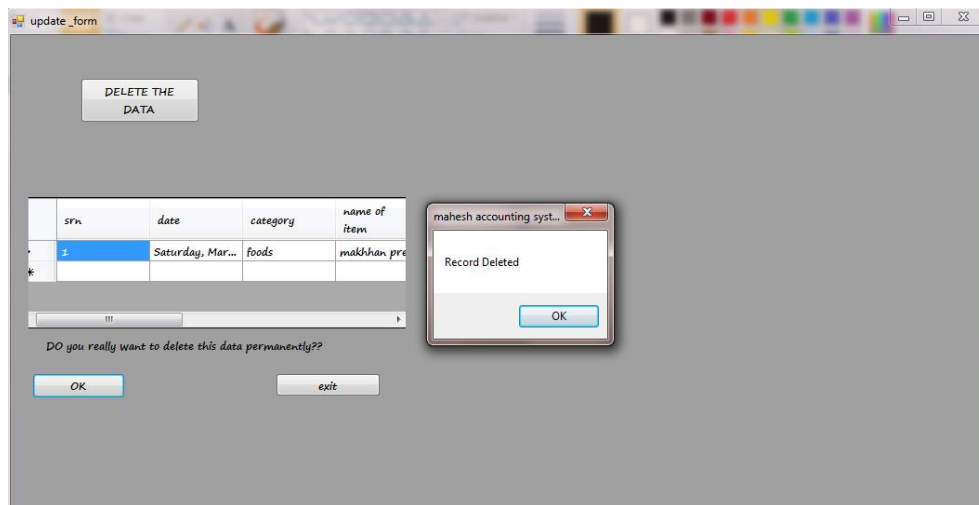
update_form

DELETE THE DATA

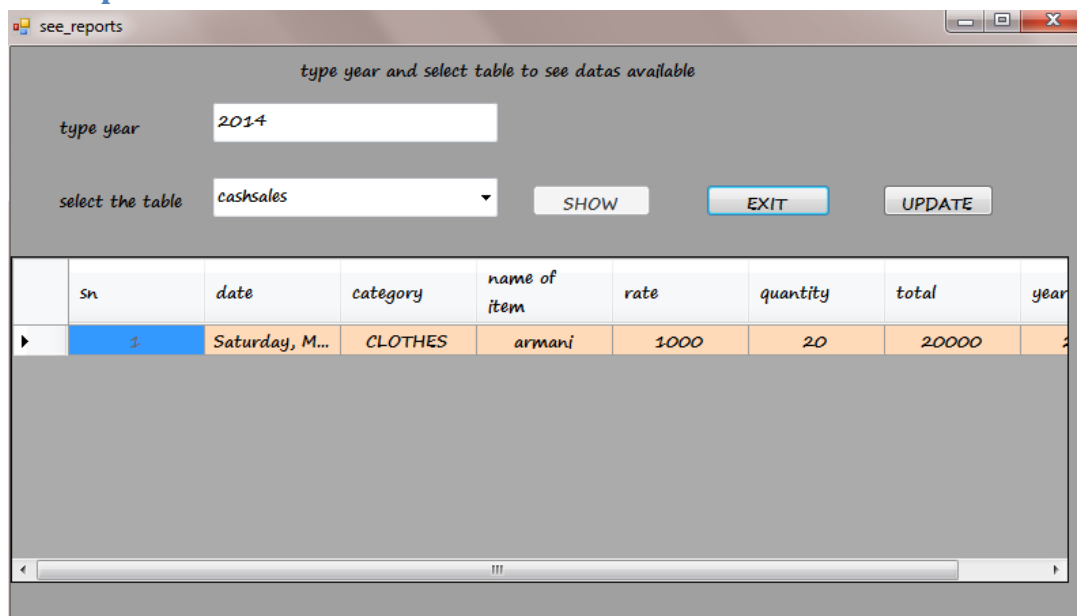
sn	date	category	name of item
1	Saturday, Mar...	foods	makhhan pre

DO you really want to delete this data permanently??

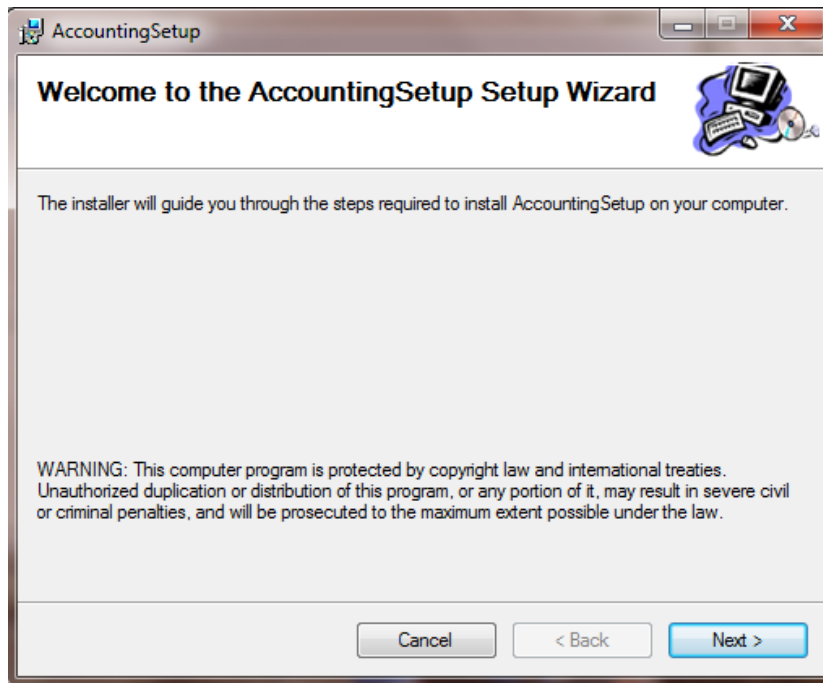
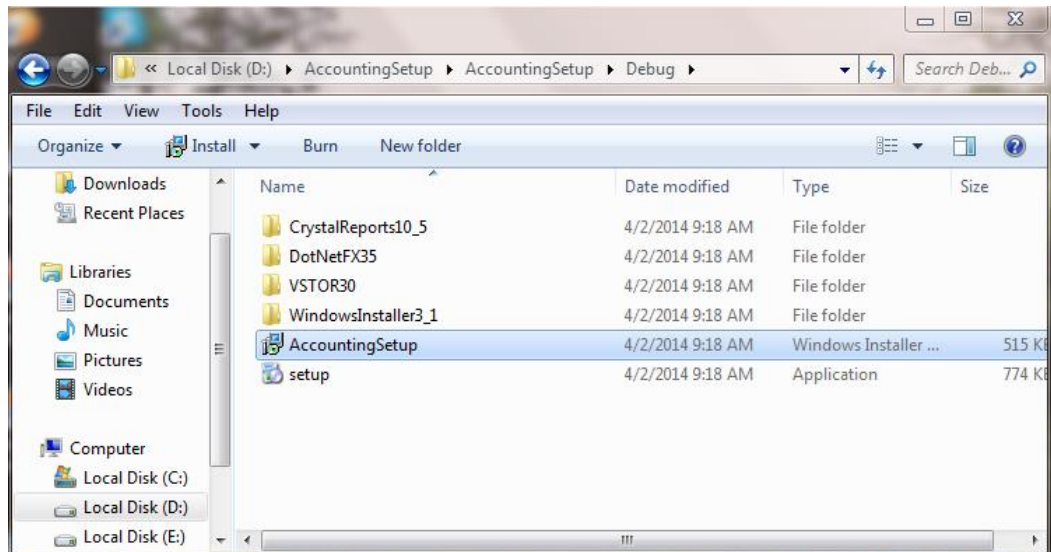
OK exit

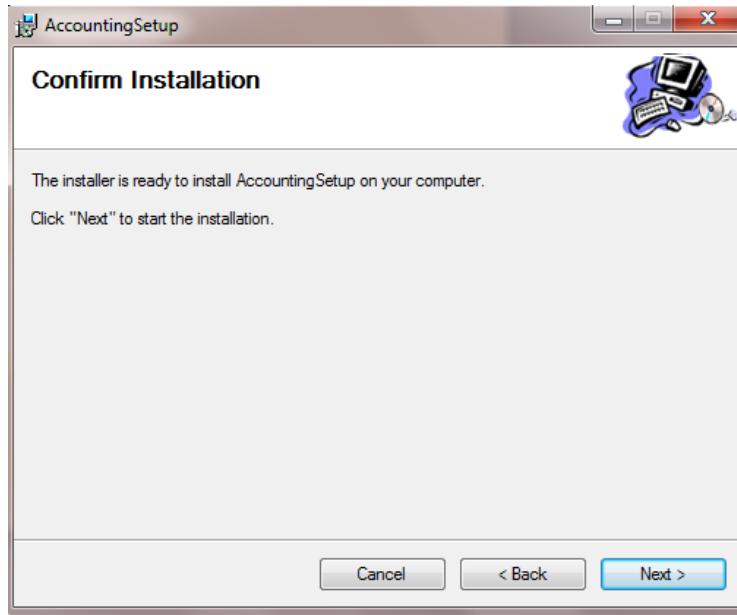
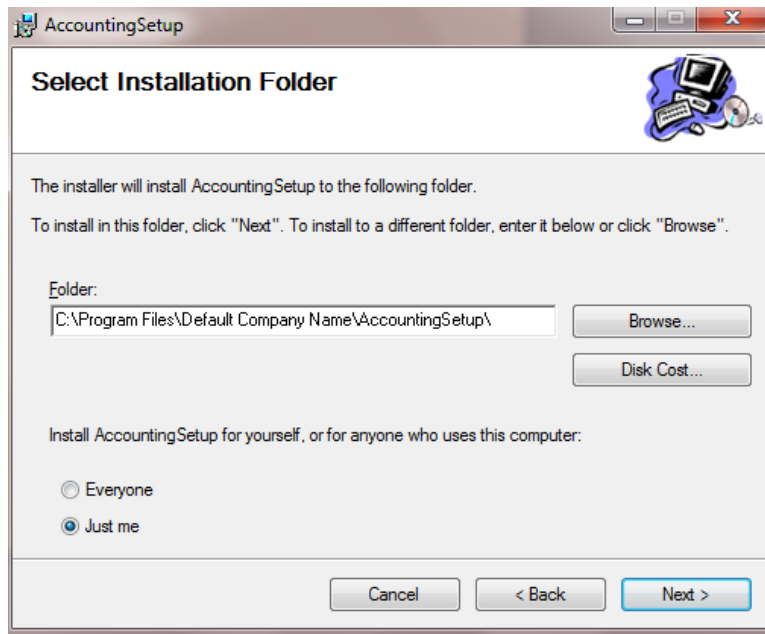


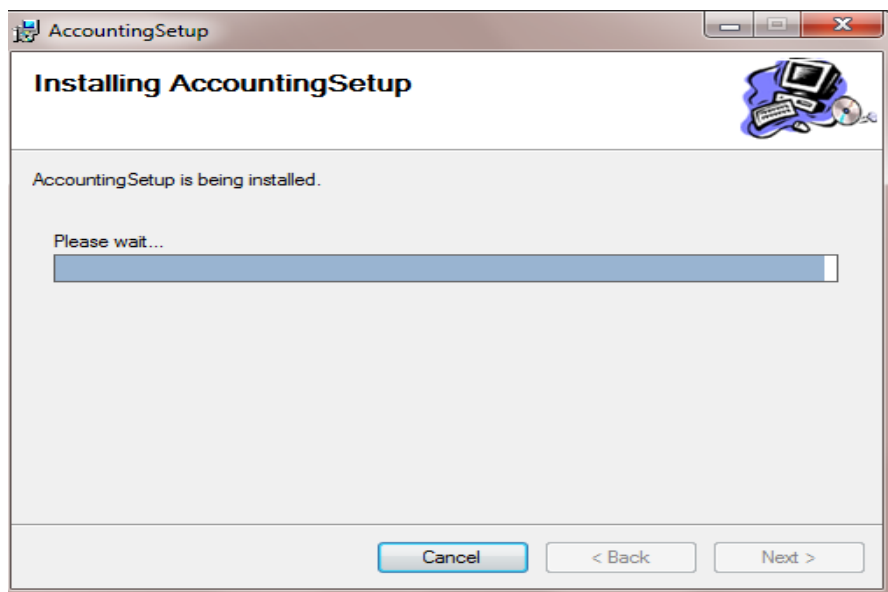
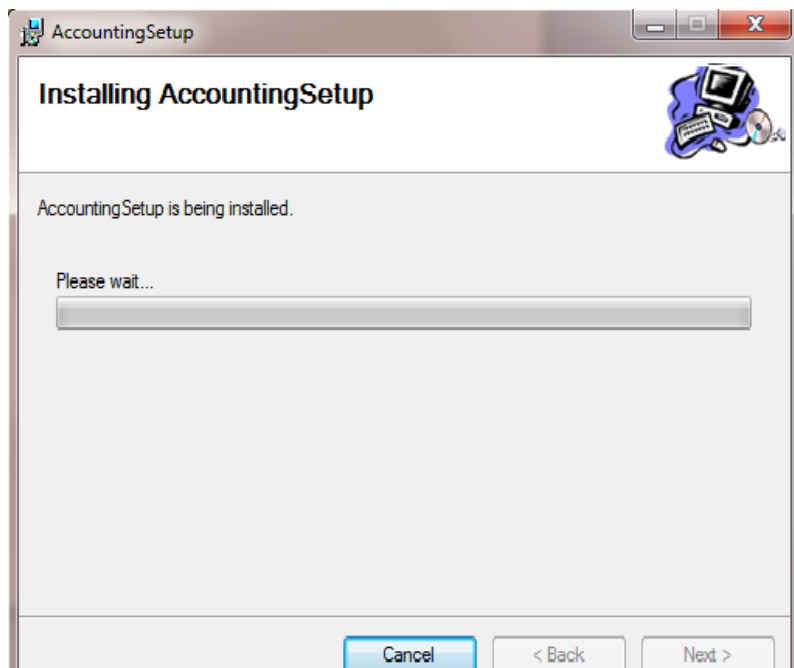
See report

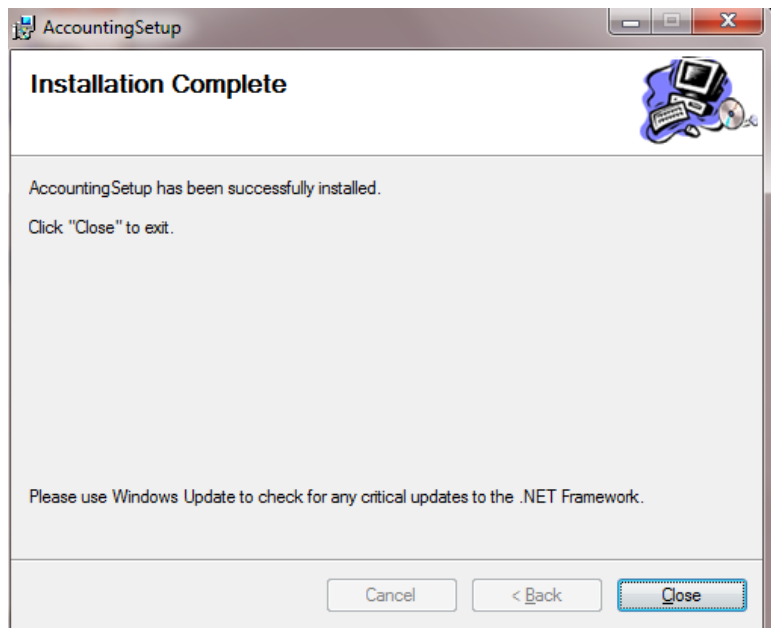


Installation







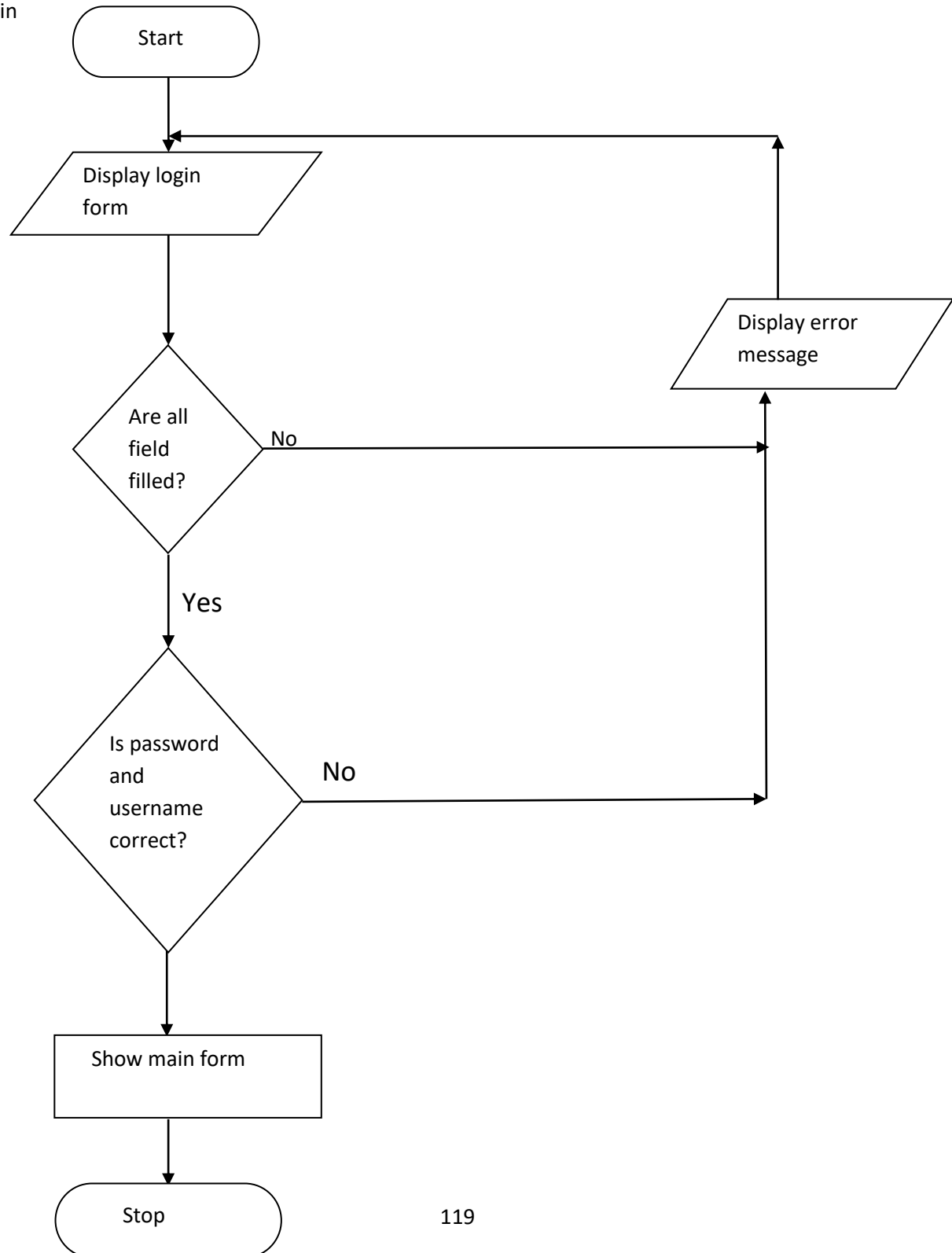


Documentation

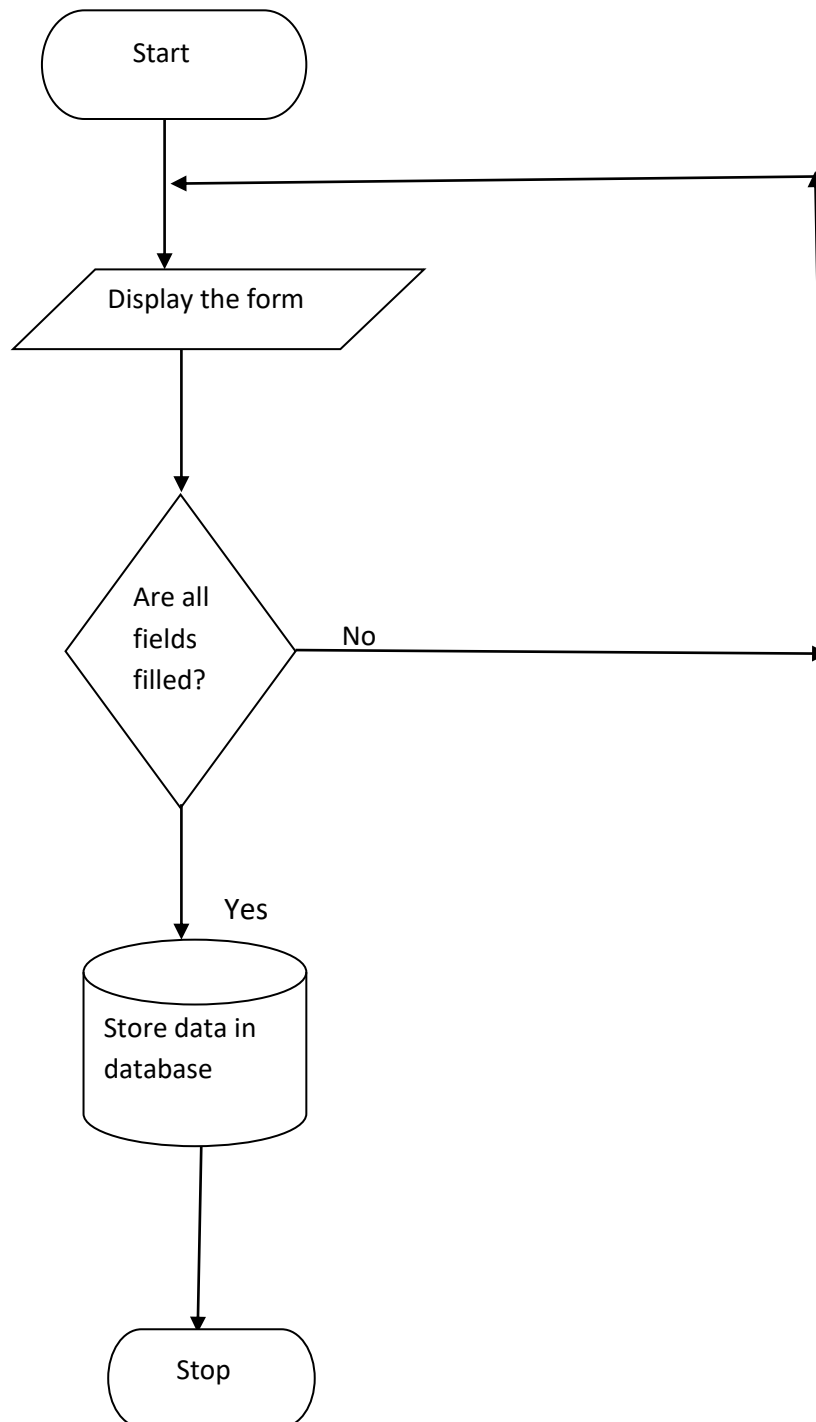
System maintenance documentation

Flowchart

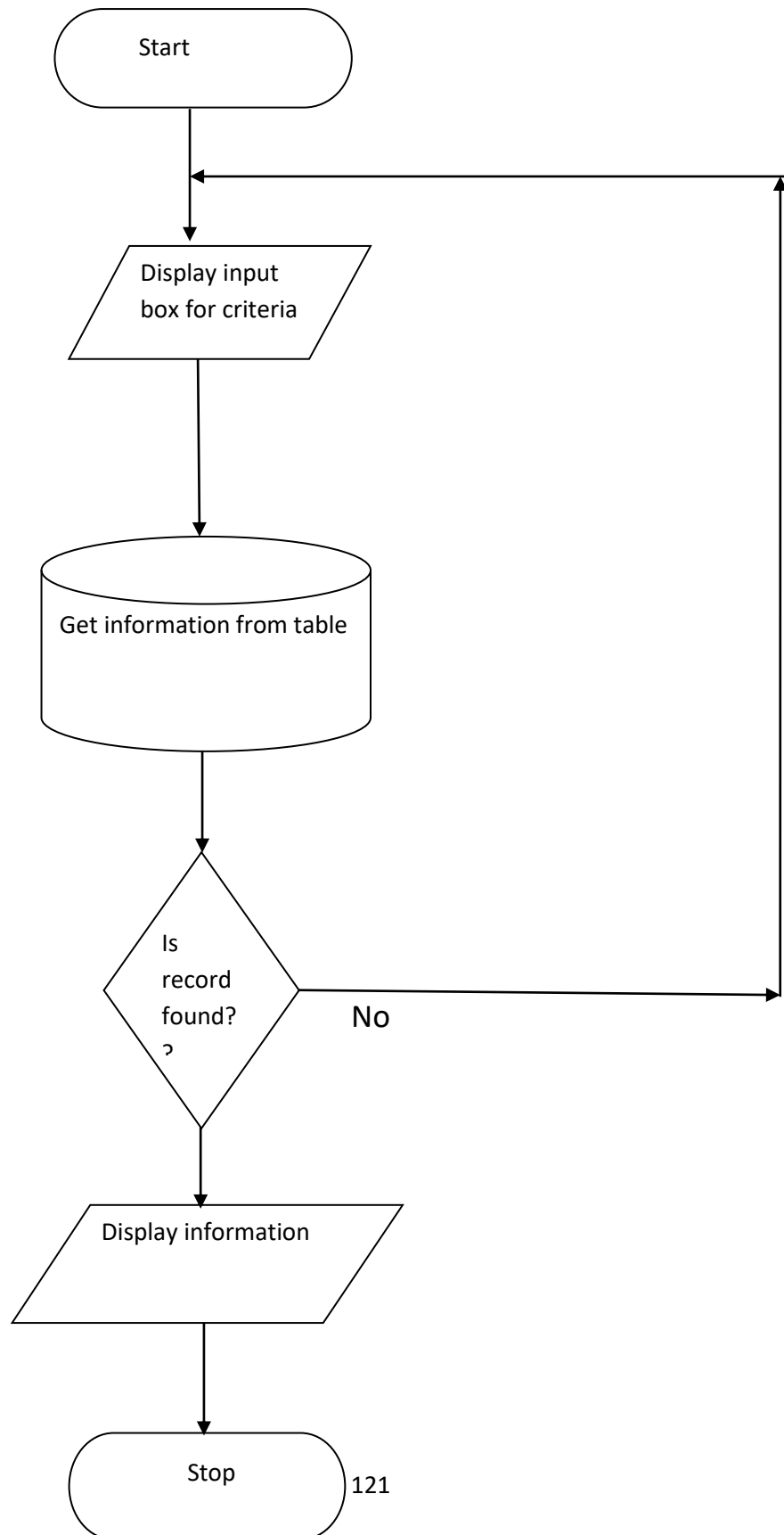
Login



Add record



See the records



Data structure

tables	Fields	example	Maximum size (in bytes)	Total bytes
Login	Username	Mahesh	15	30
	Password	*****	15	
Credit sales	SN	1	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Name of customer	Ram	20	
	Category	Foods	10	
	Name of item	Wai wai noodles	15	
	Rate	15	4	
	quantity	15	4	
	Total	225	10	
Cash sales	Sales no	2	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Category	Clothes	10	
	Name of item	Plain shirt	15	
	Rate	500	4	
	Quantity	5	4	
	Total	2500	10	
Sales return	SRN	3	5	92
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Category	Electronics	10	
	Returned from	Hari jung Rana	15	
	Name of item	LG television	15	
	Rate	15000	4	
	Quantity	1	4	
Cash purchase	Total returned	15000	10	92
	CPN	4	5	
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Purchase from	Harry	15	
	Category	Foods	10	
	Name of item	Basmati rice	15	
	Rate	500	4	
	Quantity	5	4	
Credit purchase	Total	2500	10	92
	CRPN	5	5	
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Purchased from	Mahesh	15	
	Category	Foods	10	
	Name of item	Chocolates	15	
	Rate	13	4	
	Quantity	13	4	
Purchase return	Total	169	10	92
	PRN	6	5	
	Year	2014	4	
	Date	Saturday, March 29, 2014	20	
	Returned to	Gita	15	
	Category	Clothes	10	
	Name of item	t-shirt	15	
	Rate	1300	4	
	Quantity	2	4	
	Total	2600	10	
	SN	7	5	
	Year	2014	4	
	Month	Jan	3	

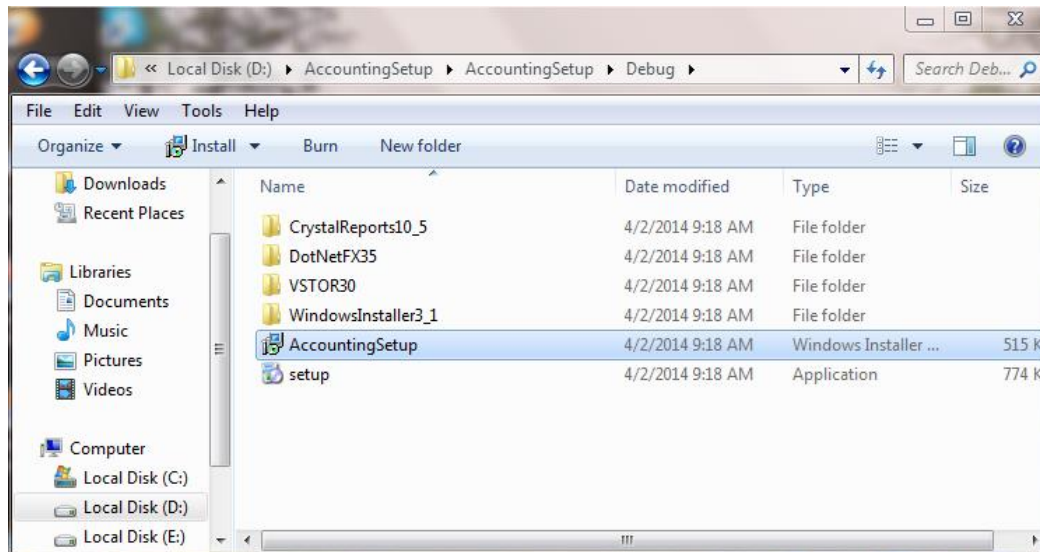
Wage	Name of employee	Bibek Guragain	15	92
	Post	Manager	5	
	Salary	12000	10	
	Paid	12000	10	
	Prepaid	0	5	
	Due	0	5	
Rent	SN	8	5	72
	Year	2014	4	
	Month	Feb	3	
	Monthly rent	14000	10	
	Rent paid	13000	10	
	Prepaid	0	5	
	Due	1000	5	
Electricity	SN	9	5	92
	Year	2014	4	
	Month	Mar	3	
	Rate(per units)	5	2	
	Total units	130	4	
	To pay	650	10	
	Paid	750	10	
	Due	0	5	
	Prepaid	100	5	
Total				838

No of records(500)	419000
Plus 10%	41900
Total size of records(in KB)	450

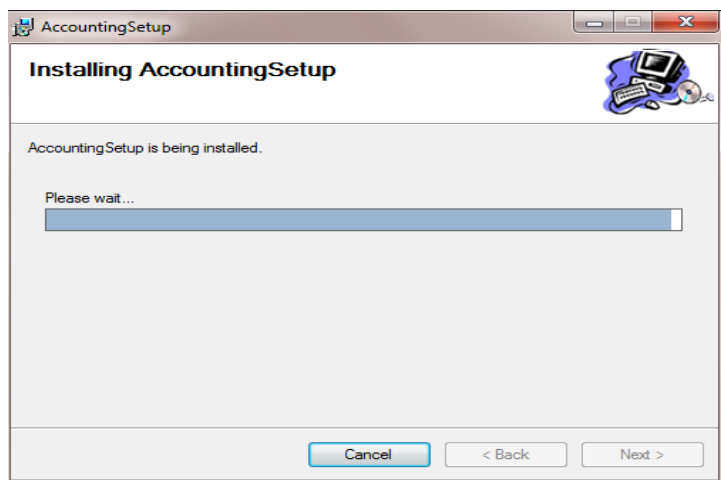
User guide

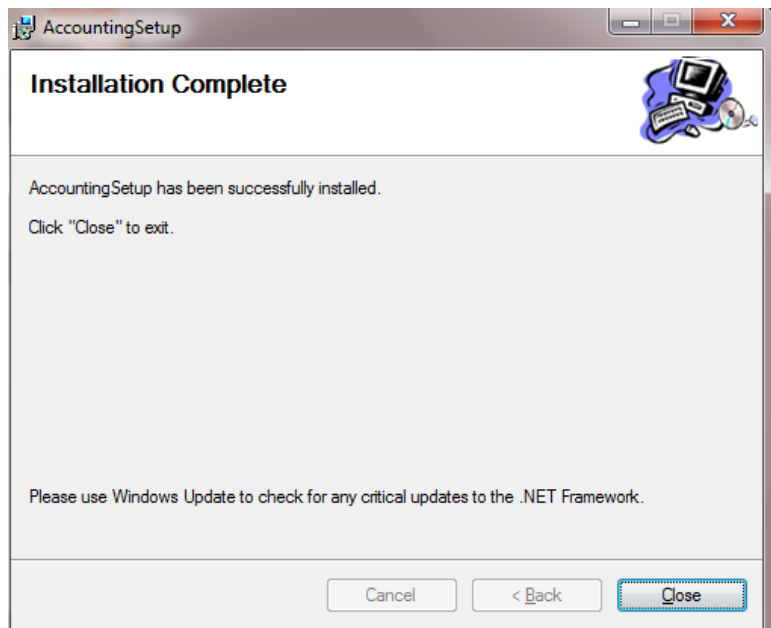
The step wise user guide is given below:

1. Open the setup file of the software when you get the software as shown in the figure.



2. Double click on the accounting setup and follow the installation procedure and successfully install the software.

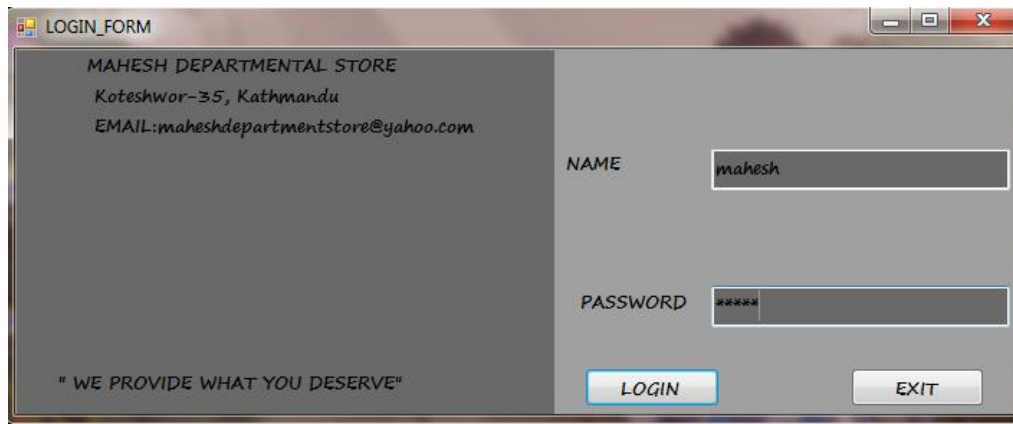




3. When successfully installed, Shortcut of software is seen in the user desktop screen.



4. Double click on the shortcut of software on desktop and start the software.



The screenshot shows a window titled "LOGIN_FORM". On the left side, there is a dark gray area containing the text: "MAHESH DEPARTMENTAL STORE", "Koteshwor-35, Kathmandu", "EMAIL: maheshdepartmentstore@yahoo.com", and a quote " " WE PROVIDE WHAT YOU DESERVE" ". On the right side, there are two input fields: "NAME" with the text "mahesh" and "PASSWORD" with masked characters "*****". Below these fields are two buttons: "LOGIN" and "EXIT".

5. Type the correct username and password and press login button and main form appears.



The screenshot shows a window titled "main_form". It has a menu bar with four items: "SALES", "PURCHASE", "EXPENSES", and "YEARLY REPORTS". The "SALES" menu is open, showing a list of options: "CASH SALES", "CREDIT SALES", and "SALES RETURN". The main area of the window is a large, empty gray rectangle.

6. The main form appears.

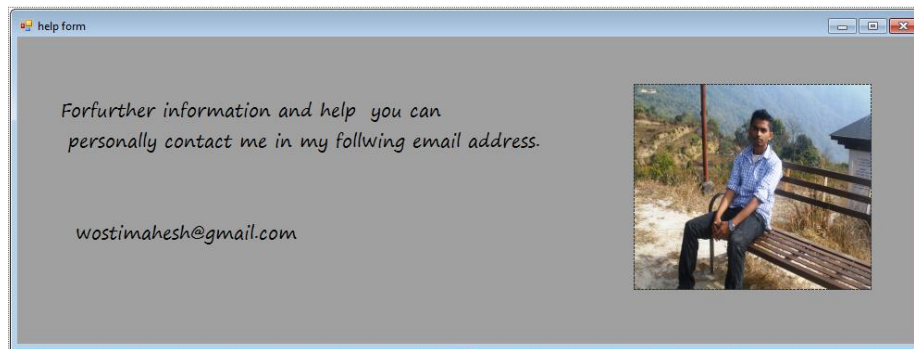
Description

❖ Sales

- If credit sales to be recorded ,select credit sales
- If cash sales to be recorded, select cash sales
- If sales return to be recorded, select sales return

In this way select the function you want to perform and perform the operation in all the menus and their respective window.

For further, information and any help you can see the help form as below:



Troubleshooting

When you're using the system, you may encounter troubles. This section covers most common troubles and the method to solve them.

- **I cannot enter data in textbox fields.**

You're probably trying to type non-numeric characters in a numeric field. Numeric field only take numbers and a single decimal. If you type non-numeric characters, they won't appear in the textbox field.

- **Application is running too slow.**

The application will perform slower if you have many applications (or a huge application) running at the same time. Try to use as less number of applications as possible.

Evaluation

Degree of Success in Meeting the Original Objectives

Objectives with evidence:

- The software must have easy method of adding, and deleting records for sales, purchase and expenses.
Software is made to add and delete the record easily.
- The software must have easy method to see the recorded data of any date.
It is easy to see the record stored using the software.
- The software must automatically record the due or prepaid.
The software can automatically record the due or prepaid.
- The software must be able to show information about the stocks)
The software shows the information about the stocks.
- The software must add up all the daily transactions of the year and make annual reports of the total sales, total purchase, and total expenses.
Software can made the annual report.

Evaluation of Client's and User's Response to the

System

There was positive response as the software was able to meet the objectives.

- the system was used successfully
- the system specification was achieved
- As the system is simply designed with simple feature, there were no possible faults.