

19 April 2010

Database Coursework



Mahamed
[Pick the date]

Write up

Identify

Background Information

Bobbies Bookstore is a new bookstore based on 90 Birmingham roads. The bookstore opened few months ago. The company takes its name from Bobbie, the Greek god of Carrots. Bobbie's book store markets its products under its own brand as well as Bobbie Read Store, Bobbie Learn, Brother Bobbies Books. The company's business will be on local level..



Bobbie's book store wants to deliver high quality books and services.

Bobbies Book Store opened 2009/10/12.

The company's board consist of 6(key) members

- Manager (Mr Bobbie) (Real user)
- Vice Manager (Mr Carrot)
- Chair man (Mr Wood)
- Secretary (Mrs Paper)
- Vice Secretary (Mr Folder)
- Treasurer (Mr Coin)

The real user is the employees and the manager (Mr Bobbie).He(manager) is the company's key person he is also the person that ordered this project

The company's current problem is:

- The company is new
- The company has not recorded documents before
- The company has constantly new books
- The company have no database available

The reason why these problems have arisen is because the company is new. The company has not had the opportunity to do something about the arisen problems.

Statement of the current problems

"The company is currently facing difficulties with accounting books, services and other data. We have no current system to support accounting or recording the companies' data/information. The company needs these problems to be solved as soon as possible, as we are ready in all other aspects to go in business. As an outcome of an not working accounting system, could lead to Money losses and unstable company as well as bankruptcy .The outcome of an not working system is a serious threat to the company's future and our chance to compete against other companies. As the companies head person I want you to create a working system to meet these needs.

The system must include the attached User Requirements below.

Your estimated time scale to finish this p roject is very short, as the company is losing valuable business time. You have approximately 7 working days. This time can't be exceeded. You should have done any necessary error checking before the system can be introduced. You are the person in charge for this project and the person responsible to make sure that the estimated time scale is not exceeded."

Objectives/user requirements

- Working database
- Include all necessary information
- Produce rapports
- look up data(Queries)
- Produce Forms

- Be user friendly
- Be printable

<u>Objective</u>	Explanation
Working Database	<i>It must work correct and mange to do the tasks expected. It must be error free as well. This is important.</i>
Include all necessary information	<i>This means that it must have all information/data to work. It must for example customer names and address. This means also that it must be self existent.</i>
produce reports	<i>This means that it must be able to produce reports.</i>
look up data(Queries)	<i>This means that the user must be able to search for data in the database. The user wants to do complex searches such as searching for data that has two or three criteria.</i>
Be user friendly	<i>This means that it must be easy and relative straight forward to manipulate.E.x</i> <ul style="list-style-type: none"> • <i>should use drop <u>down lists</u></i> • <i>it should use <u>LOOK UP</u></i> • <i>it should do searches automatic</i>
Produce Forms	<i>This means that it must be able to produce forms</i>
Be printable	<i>This is means it must be printable to A4 or A3. This is a problem with many databases so the designer must consider this objective</i>

Consideration of Solutions

<u>Application</u>	Advantages	Disadvantages
Paper /Fillet cabinet	<ul style="list-style-type: none"> • Can be done by everyone • No ICT skills needed • Cheap 	<ul style="list-style-type: none"> • Takes long time • Data can't be copied • Is not accurate • Needs storage place? • Very difficult to work with • Hard to update
Web-Page	<ul style="list-style-type: none"> • Easy to access • More graphics 	<ul style="list-style-type: none"> • Hard to make • Hard to use • Cannot produce graphs • Cannot perform calculations
Database	<ul style="list-style-type: none"> • Good formatting features • Can be used for templates • Can sort large data • Can perform complex searches automatically • Offers good automation features • Supports User Interface/Menu 	<ul style="list-style-type: none"> • Cannot produce graphs • Can only perform limited calculations • Complex to develop and maintain • Hard to use by people
Spread	<ul style="list-style-type: none"> • Good formatting features • Can be used for templates • Can sort and search data • Large range of formulas for performing complex calculations • Can produce graphs 	<ul style="list-style-type: none"> • Complex searches limited and must be physically created each time • Requires knowledge of ICT to use • Page Setup can be complex for printing • Need basically mathematics • Needs basic math

sheet	<ul style="list-style-type: none"> • Good for large computations • Offers good automation features • Supports User Interface/Menu • Relatively easy to develop and maintain 	knowledge
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Paper and calculator

This can be done if the company uses paper and pen as well as fillet cabinet. This alternative does not include that the company has a working computer system the company records data in papers sorted by name this data will be copied as hard copy and it will be used when the

company wants to update the data. This way the company would have necessary data recorded and updated although it's hard and time consuming. In addition to all that the company would need a cabinet/store room to store the papers. This alternative doesn't cover any (few) of the user requirements.

Web-Page

This alternative would include that the company makes a new web-page or uses an existing web-page. This alternative would also include that the company has a working computer system. And in addition to that a web-page making program as well as a web-browser.

The company would need to store the data online and update the data via the Internet. The data would be entered in a web-browser.

This alternative is good and easy to update. Although this alternative doesn't cover all the user requirements, but most of them.

Spreadsheet

This alternative is similar to the database but it can be done by a spreadsheet editing program. This alternative requires that the company has a working computer system. And in addition to that a Spreadsheet making program. It will also include that the company purchases a spreadsheet editing program. The data would be entered to a spreadsheet window . Although this alternative doesn't cover all the user requirements, but most of them.

Database

This alternative is similar to spreadsheet but more sophisticated and it's more suitable for handling with data. This alternative includes that the company has a working computer system with database making software.

The data would be entered into designed fields and tables by using a computer system. The data entered can be converted into many different things such as rapports and forms as well as searching for specific data. This alternative does cover all the user requirements and it's the most suitable application for this kind of project.

Filing Cabinet (Paper and pen)

Advantages:

- No IT skills needed.
- No money wasted on training staff.
- No software needs to be purchased
- No money wasted on buying hardware(computers)

Disadvantages:

- Low security.
- Simple for unauthorised access break-in.
- Very time-consuming.
- Could take up lots and lots of space.
- Not environmental friendly



Adobe Dreamweaver CS4 (Web page)

Advantages:

- Easy to access.
- Easy to use.
- Has many different designs
- Easy to update
- More public

Disadvantages:

- Is slow when its large data
- Hard to create and maintain
- Can't relate data
- Software needs to be purchased (very expensive)
- Needs internet
- Needs trained staff to access/manipulate it.



Microsoft Access (database)

Advantages:

- Easy to find information.
- Lots of storage space.
- Easy to view files.
- Easy to read.
- Can be made very secure.
- Has many features
- Relates data
- Many options(input masks and so on)



Disadvantages:

- Difficult to make.
- Needs trained staff to access it.
- Software needs to be purchased

Microsoft Excel (Spreadsheet)





















Advantages:





- Simple to design and make.
- Easy access.
- Easy to use.
- Sorts data

Disadvantages:

- Can't handle large data
- Can't relate data
- Software needs to be purchased



<u>Objectives</u>	Paper and Pen	Web-page	Databas e	Spreadshee t
Working database				
Include all necessary information				
Produce reports				
Produce Forms				
Be able to look up data				

Be user friendly					
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Comparison

When I compared the different solution to this project a looked at how well they meet the User Requirements and the Disadvantages to that certain Solution. I also compared this in the tables above and it was obvious that the Database was the best solution. It did cover all the user requirements and it had many advantages and few disadvantages. The database was far better than all other solutions. And I have chosen to apply database as the solution to the company's problems. This system is used by hundreds of companies to keep records up-to-date and its secure. This gives us a further reason to apply the database as a solution.

ANALYSE

Hardware:

- Intel® Viiv™ Core™ 2 Duo E6320 Processor (2,6 GHz,1,700MHz,32MB cache)
- Genuine Windows Vista™ Home Premium - English
- 2048MB 667MHz Dual Channel DDR2 SDRAM [2x1024]
- HP™ 24" Black Wide Flat Panel (E207WFP)
- 500GB Serial ATA RAID 0 Stripe [2x160GB 7200rpm drives with DataBurst™ cache]
- 16X DVD+/-RW Drive
- 256MB nVidia™ GeForce 8600GTS graphics card
- Printer
- Ink (colours)
- Keyboard-mouse



This high performance workstation has the ability to design, edit and make the Database with ease.

The PC will be used by the employees and managers, mainly the employees to edit, retrieve and use information in the database.

Software

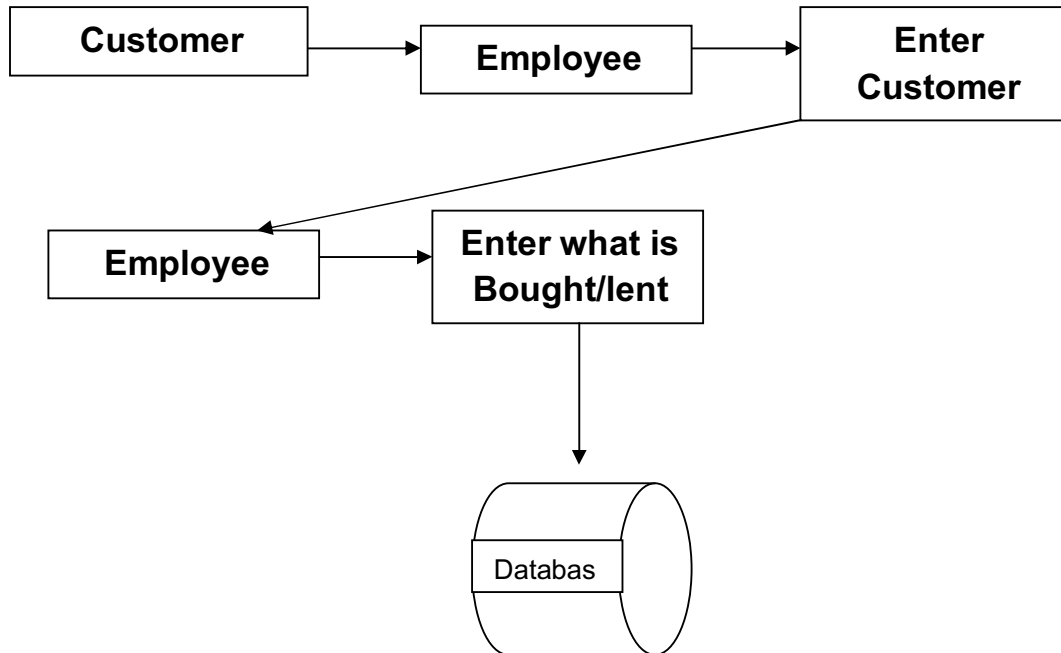
- Windows Vista™ Home Premium(platform)
- Necessary drives to additional hardware (mouse,keyboard,USB sticks)
- Graphic software
- Web-browser
- **Microsoft Access 2007**

The software that will be used for the creation of this Database will be Microsoft Access. Access is an excellent database creating software, which may not be very easy to use but once made the outcome is absolutely fantastic.

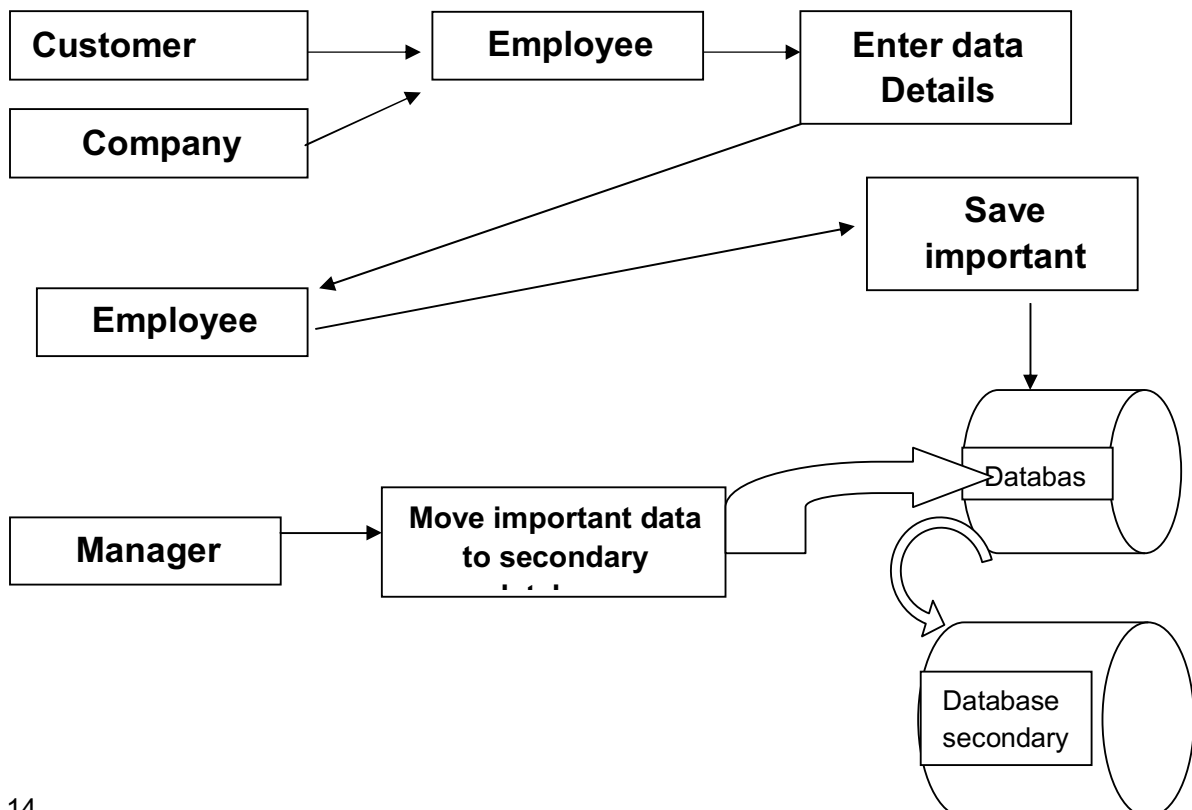


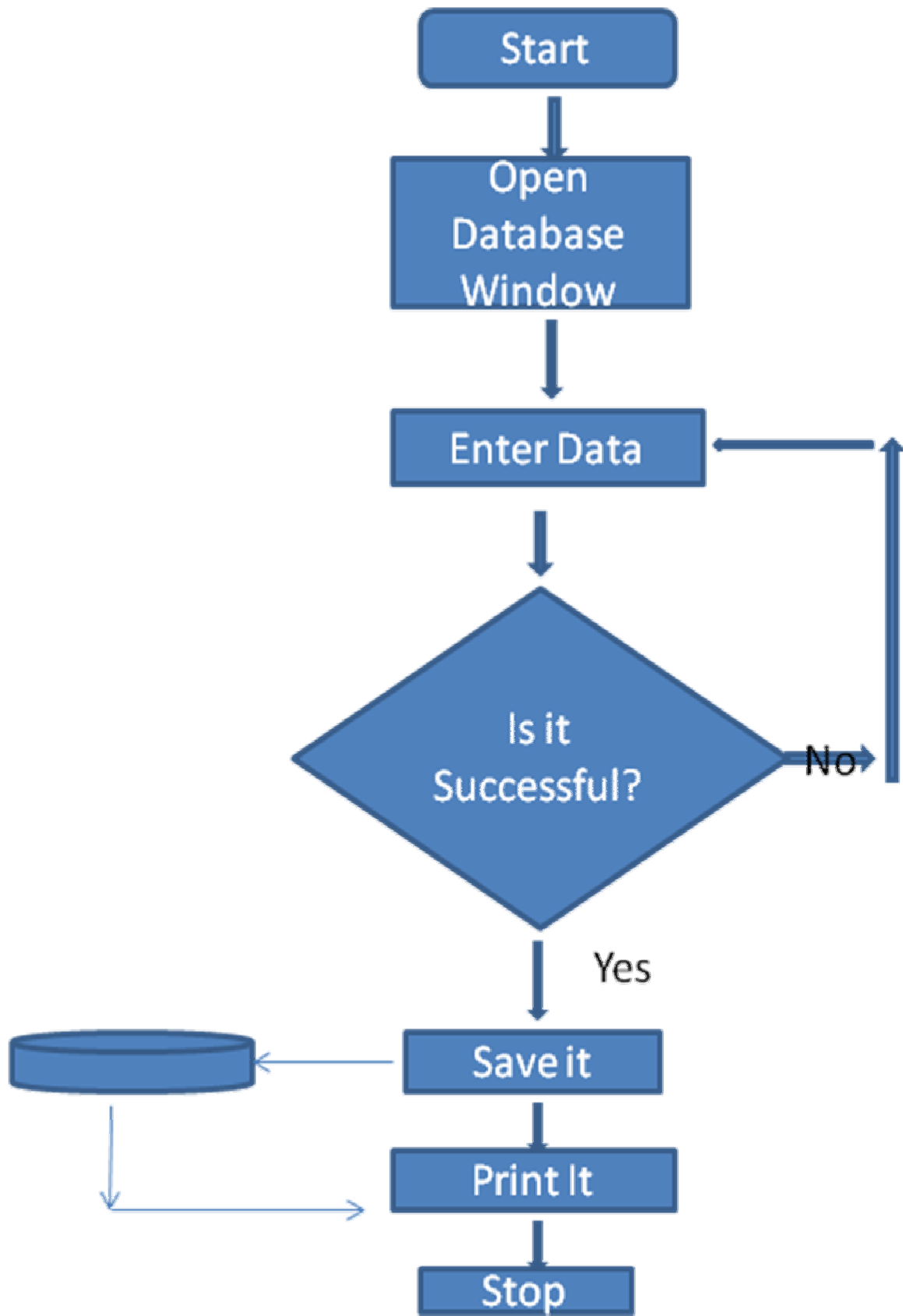
Data collection

Every time a customer buys something their details will be entered into a database.



General data flow





What information do I need to gather and where will it come from?

The data will be collected when customers buys/lends books from our company.
When the data has been collected it will go onto the database once a day
We have chosen once a day because we have seen the needs , and they are big.

The collected data will consist of numbers and word s, everything from book names, prices, customer age, and genre to taxes. The information we collect will be in hard copy.

Information from the company like prices and book names and information about the company itself will come from the companies head off ice (the company)

When all data is collected it will be processed by database program (Microsoft Access)

The data required to assemble this database carrying information about books and customers.

Much of the information will come from the company itself such as

- *Books available*
- *Books reference number*
- *Area*
- *Book prices*



But some of the information will come from customers such as

- *Name and surname*
- *Age*
- *Address*
- *E-mail*
- *Gender*



Data Manipulation

The tables in the system will be Books, Books Price, Customers, and Sales

Table 1
Table 2

Books [Reference No, Book Title, Author, Supplier, Gender, Area]

Books Price [Reference No, Purchase, Selling Price, Closing Stock]

Table 3

Customers [Customer name, First name, Surname, telephone ,Address 1, Address 2,Postcode,E-Mail, City]

9 Reports and. 6 Queries to be produced.

Output

The primary way to present the output will be the Monitors.

This will be used by employees and customers.

The secondary way to present the output will be the A4 paper.

This will be used for the invoice.

And finally the poster will be used for advertisement and notifications

1. Monitors

2. Posters

3. Paper (mail to customers)



*4. Speakers**

*Additional to the monitors

1

2

3

Data validation

I will set a data validation on the date so that no date before 2007 can be inputted into the database, I will do this by entering this code “>31/12/2006” into the database when making the table for the customer date of purchase. This will help as people will not be able to enter data older than 2007 so the managers can use the information knowing it has been inputted in the year 2007 or later.

The screenshot shows the Microsoft Access 2007 interface. The 'Sales' table is selected in the 'All Tables' pane. The 'Date Of Invoice' field is highlighted in the table design grid. The 'Lookup' tab is active in the 'Field Properties' pane, showing the 'Validation Rule' as '>#31/12/2006#'. A callout box points to this rule with the text '>31/12/2006'. Another callout box points to the 'Date Of Invoice' field with the text 'Date of'.

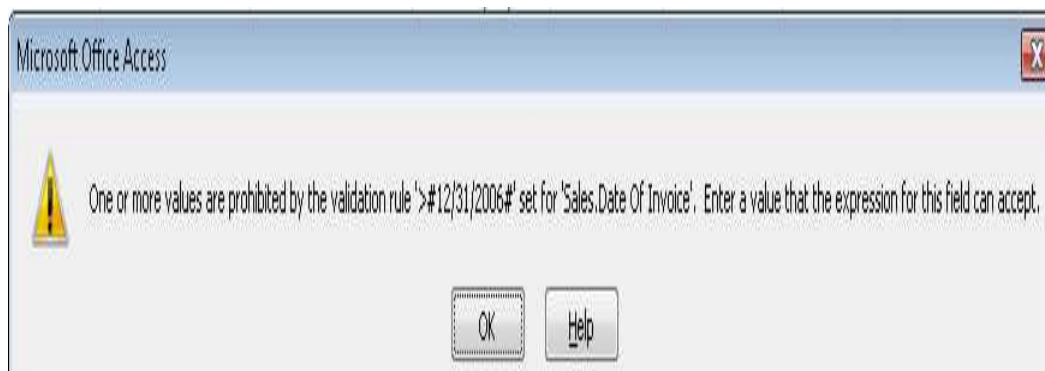
Field Name	Data Type	Field Size
Sales ID	AutoNumber	12
Book Reference	Text	FN1524
Customer ID	Number	12
Date Of Invoice	Date/Time	
Quantity	Number	2

General **Lookup**

Format:
Input Mask:
Caption:
Default Value:
Validation Rule: <#31/12/2006#>
Validation Text:
Required: No
Indexed: No
IME Mode: No Control
IME Sentence Mode: None
Smart Tags:
Text Align: General
Show Date Picker: For dates

Date of

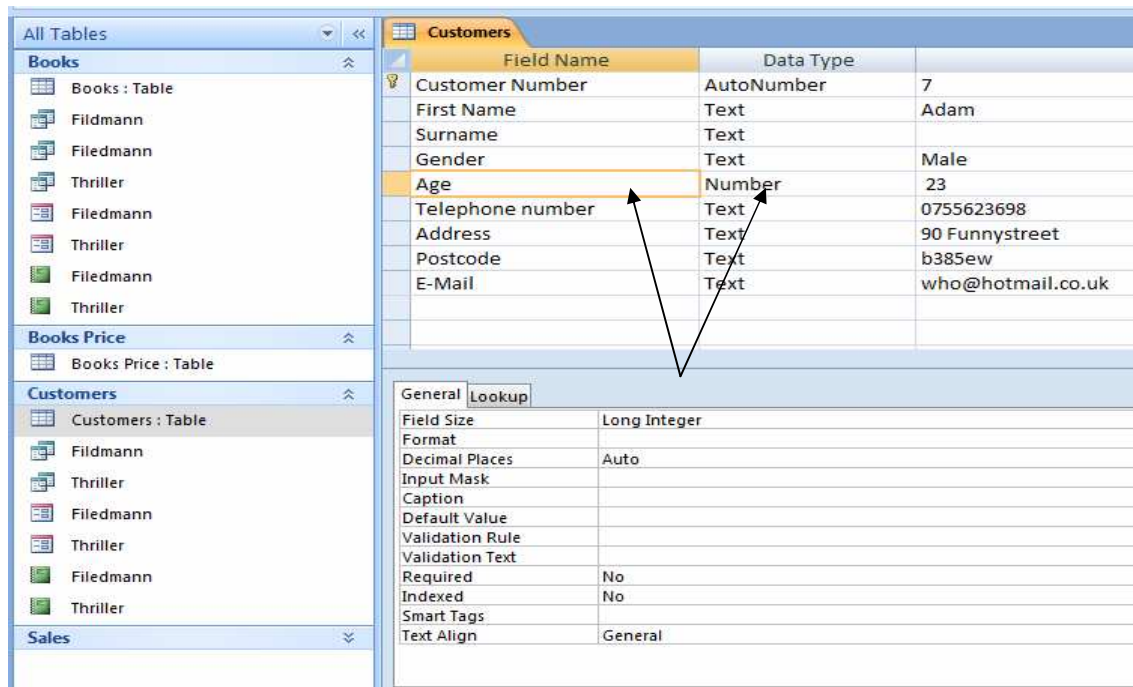
>31/12/2006



When we don't want people to enter invalid data.

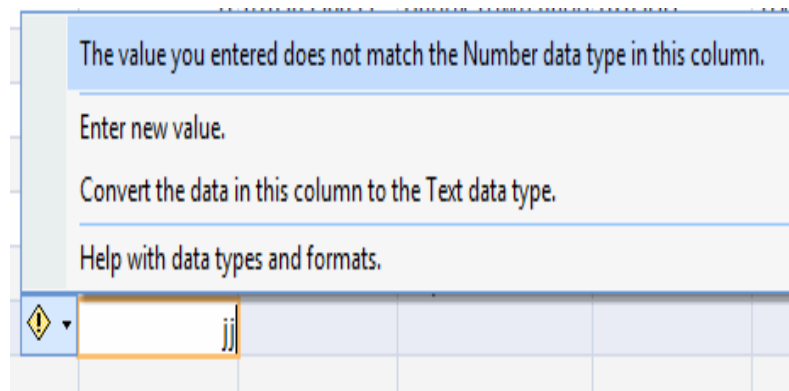
We use data validation that restricts the data that can be entered.

E.g. at the age column, we don't want people to enter **text** there, so it would be good if we restricted the data type that can be entered to **numbers**.



Field Name	Data Type	Value
Customer Number	AutoNumber	7
First Name	Text	Adam
Surname	Text	
Gender	Text	Male
Age	Number	23
Telephone number	Text	0755623698
Address	Text	90 Funnystreet
Postcode	Text	b385ew
E-Mail	Text	who@hotmail.co.uk

General	
Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Indexed	No
Smart Tags	
Text Align	General



The value you entered does not match the Number data type in this column.

Enter new value.

Convert the data in this column to the Text data type.

Help with data types and formats.

jj

Input mask

I don't want people to enter invalid postcode so I use an Input mask. This mask will make sure that letters and numbers are at right places. I will use this mask (**L?99LL**). It will allow any letter and then any letter or number, then it will allow any two numbers, then it will allow any two letters. This is the format that all postcodes have.

The screenshot shows the Microsoft Access 2007 interface. The 'Customers' table is in design view. The 'Postcode' field is highlighted with a red oval. Below the table, the 'Input Mask' property is set to 'L?99LL', which is also circled. Two arrows point from the 'Postcode' field and the 'Input Mask' property to labels at the bottom: 'Postcod' and 'Input mask: L?99LL'.

Field Name	Data Type	Value
Customer Number	AutoNumber	7
First Name	Text	Adam
Surname	Text	
Gender	Text	Male
Age	Number	23
Telephone number	Text	0755623698
Address 1	Text	
Address 2	Text	90 Funnystreet
Postcode	Text	b385ew
E-Mail	Text	who@hotmail.co.uk
City	Text	

Property	Value
Field Size	6
Format	
Input Mask	L?99LL
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length	Yes
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Smart Tags	

Postcod

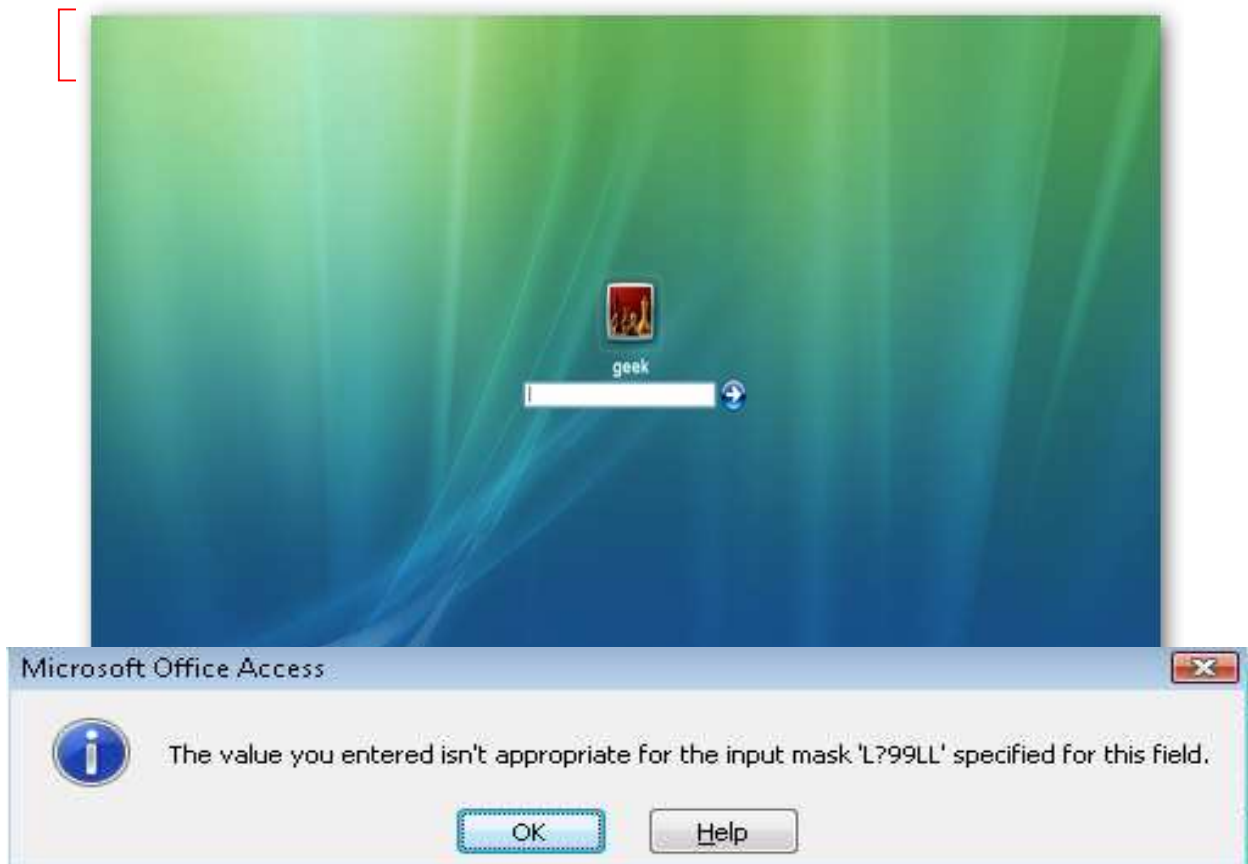
Input mask: **L?99LL**

Error message when wrong postcode is

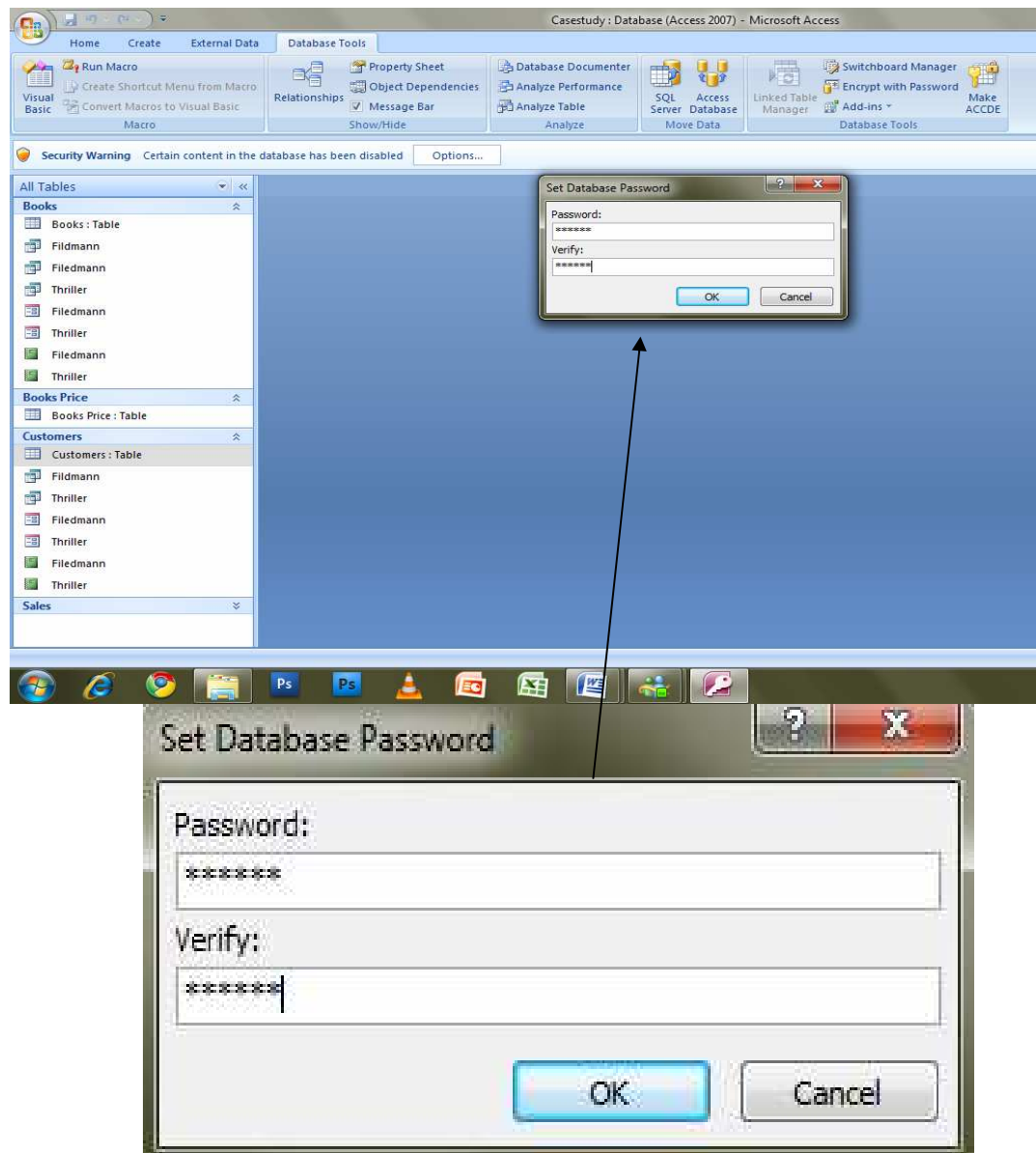
How will the data be secure?

Software

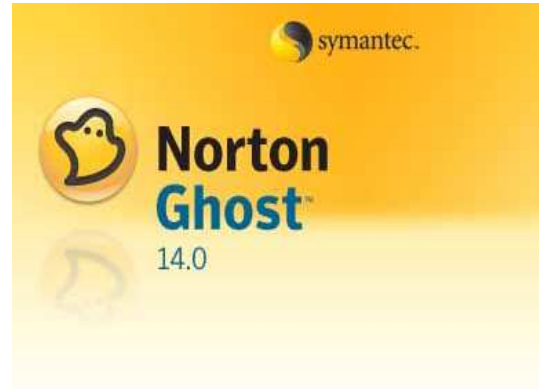
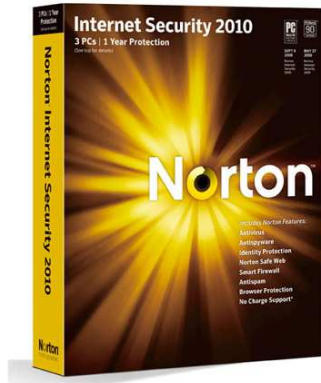
One way to keep my data secured is to prevent other accessing it by using passwords. This can be done with Microsoft Access, as it has protect function(protect sheet function). Windows Vista™ Home Premium also provides this function (log in password).



Microsoft Access Protect function



I will also use Antivirus Program to prevent viruses and hacks . And I will use Norton Ghost as additional Program to the antivirus, In case of system Crashes so that I can obtain data in system crashes.



Physical

The company will use electronic locks. The second thing the company will use is Id-cards as part of the electronic locks. These id -cards will be used to access offices or the company's documents. The company will also use some kind of Monitoring as part of the data securing. To secure the data from disasters I will use AUTOMATIC FIRE ALARMS to prevent fire risks



Backup

I will use Databases so I can back up my data, as it is big businesses I will Use 3 hard drives each on 500GB Memory to back up. The idea is that the company would have all information saved on these hard drives .the companies' computers would work in network and all the documents will be saved in the end of every working day on these hard drives .the hard drives will also operate 24hours a day. And the company will Install Antivirus Program as it reduces the risks of Data -loses. And in addition to that the company will Install Norton Ghost As it will help to prevent data loses in system crashes.

Hardware (backup)

- Hard drives*
- USB sticks

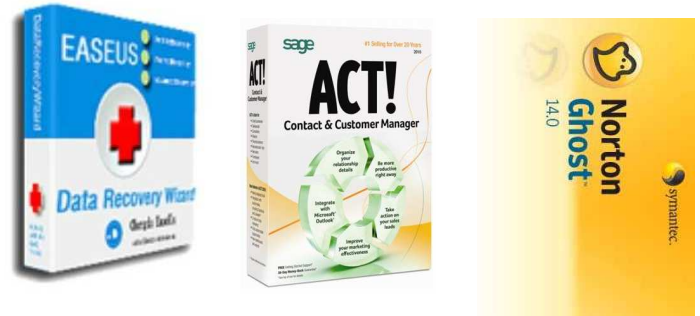
**3 Hard drives, each on 500 GB*



Software (back up)

- Recovery software
- Software to operate the databases
- Norton Ghost
- Antivirus*

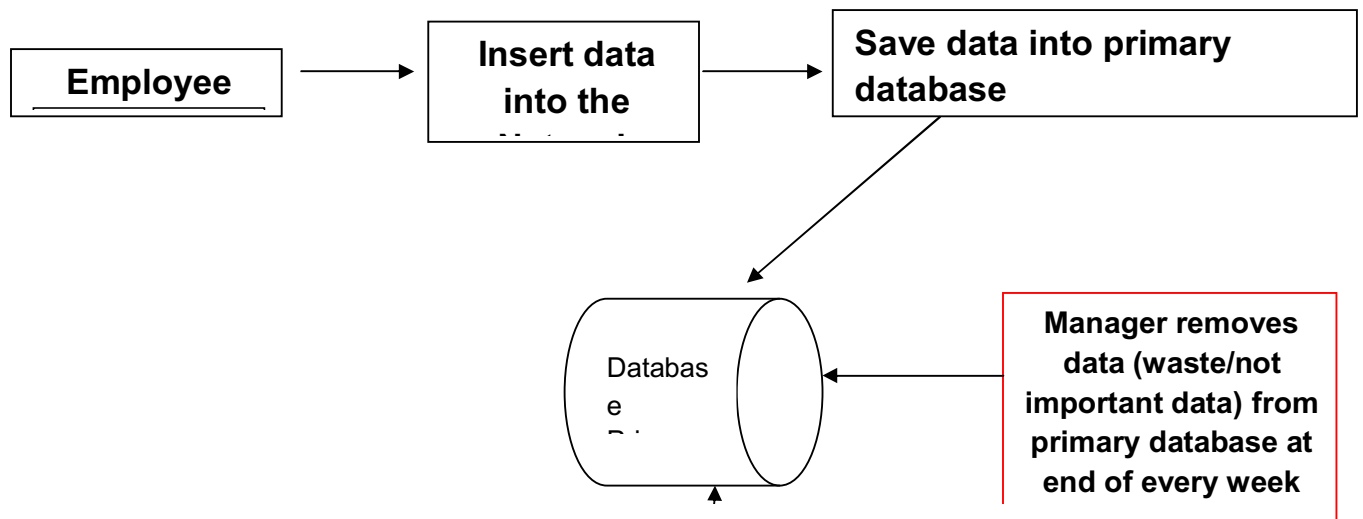
*prevent/reduce risk of data loses

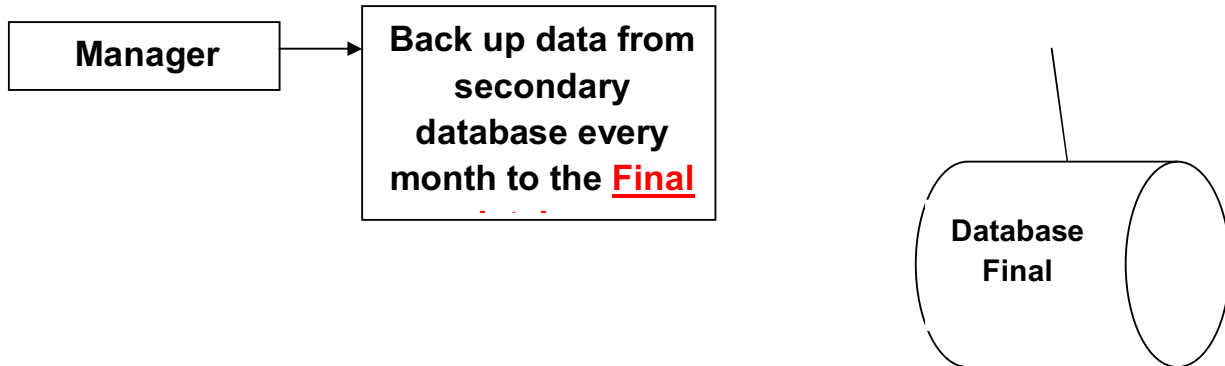


Strategy

Data will be saved to the primary Database after every working day by employees. The data in the primary database will be sorted and all important data will be move to the secondary database by the manager at the end of every week, he will also delete waste data and non wanted data .the manager will move and back up all of the data he wants to keep to the Final database once a month .The person in charge to make sure that the database is updated and backed up is the manager Mr Glasses. This strategy is much better than just save all data to the two database immediately , it will save space and time.

3 databases in network

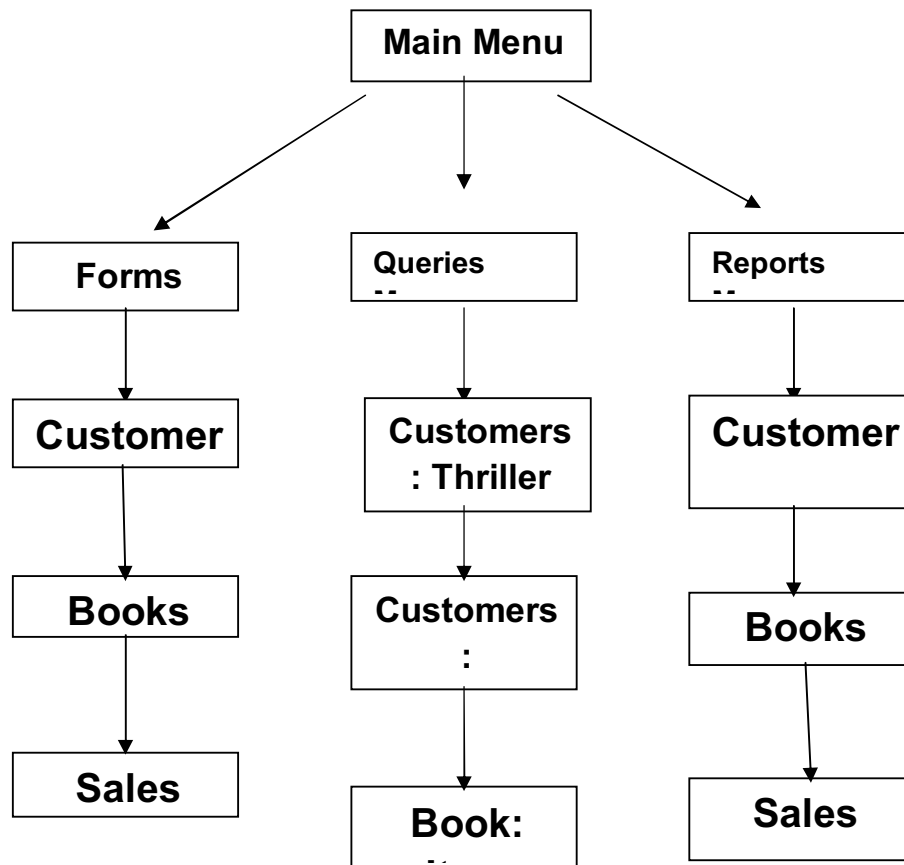




Design *(refer to hand drawn designs)*

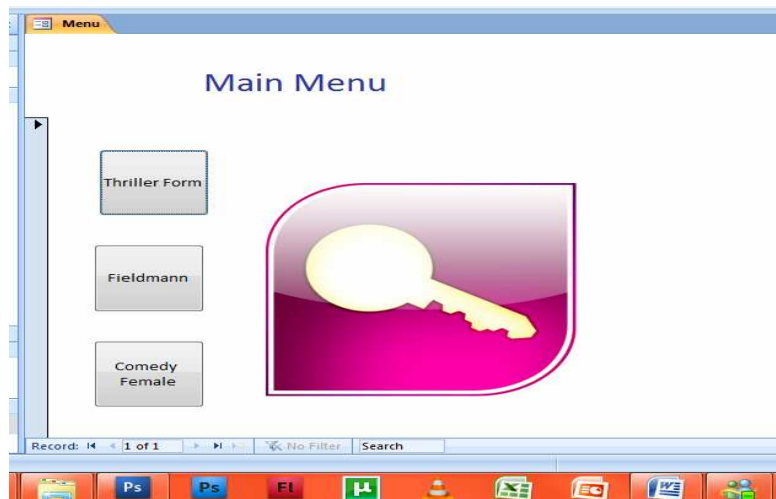
	Person 1	Person 2	Person 3
Design 1	This design is very good. I found it very attractive and nice.	This design is awesome and beautiful. its very clear and simply	This design is okay
Design 2	Thus design is not so good it doesn't show much info and its very empty	This design is not that good. it looks empty and dull	This design have a lot of space empty and it looks not so professional
Design 3	This design is okay it shows clearly and its understandable	This design is okay but it should be more space left out	This design is not good. I don't like it

Menu Structure Diagram

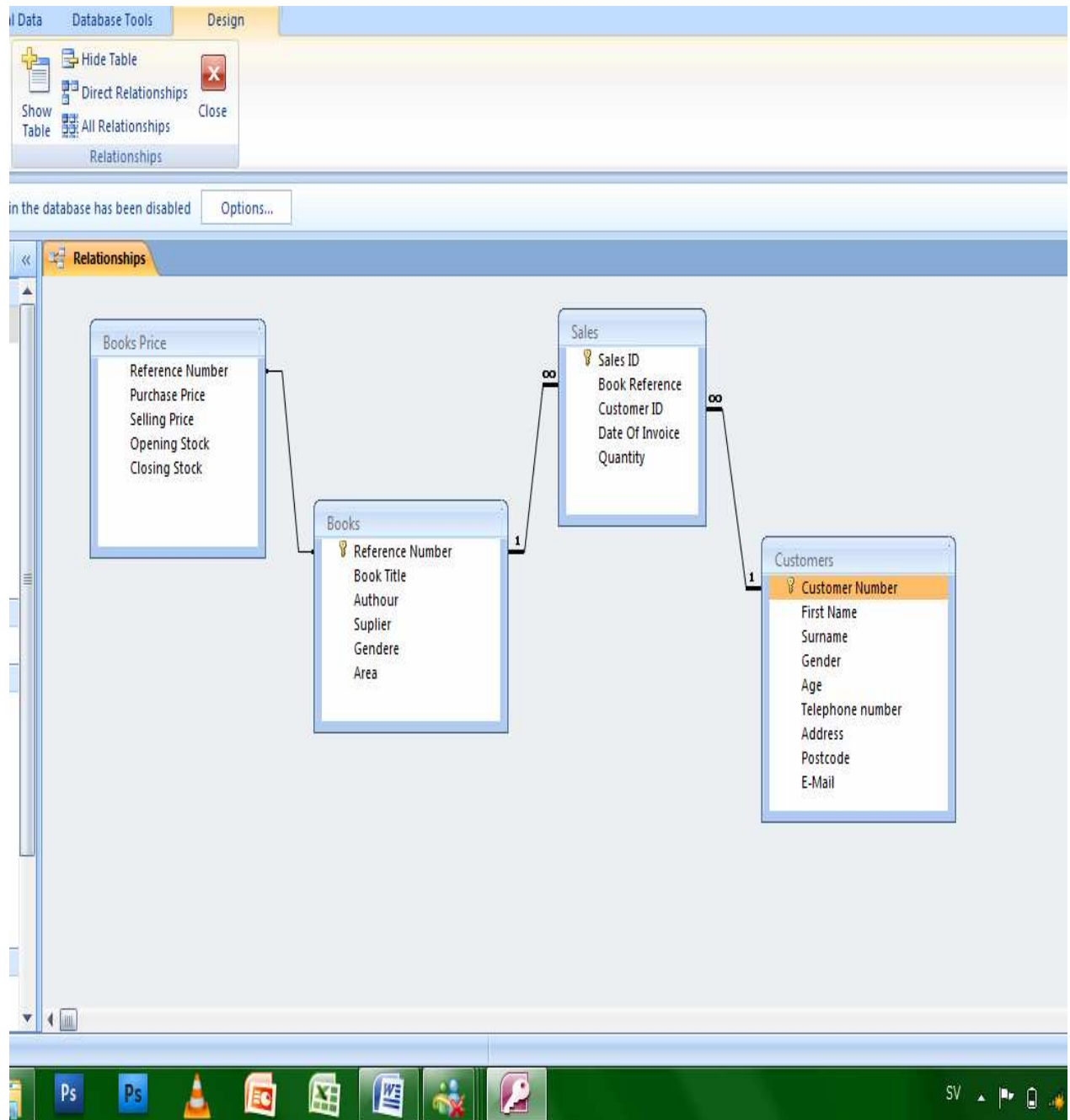


A menu structure Diagram is very important as it structures the database and is planned ahead so if mistakes are made they can be traced back along the line. Also the menu structure diagram helps people decide what to do next in the design of the database.

Table structures and Relationships identified

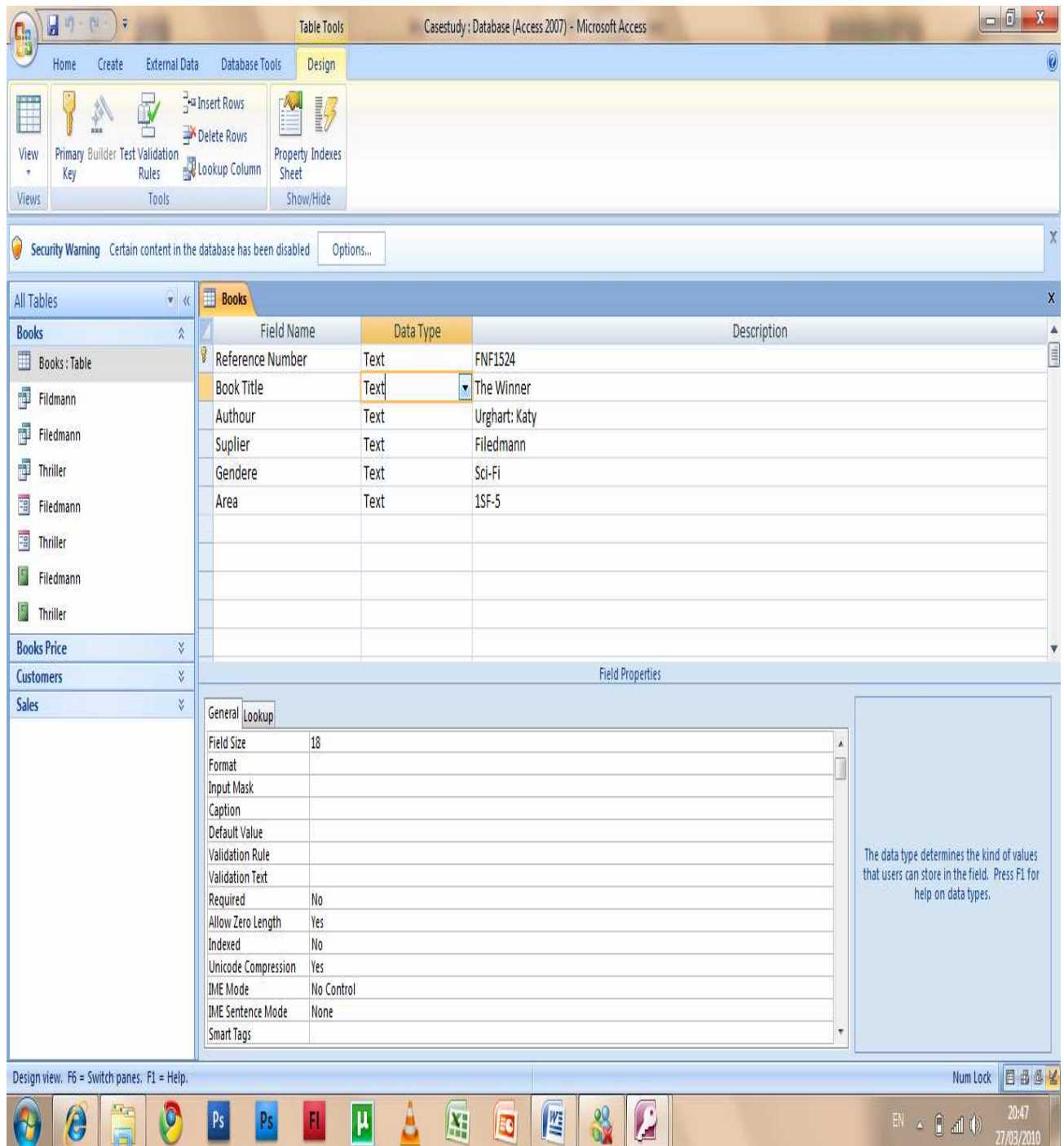


Below is a screen shot of the relationships. As you can see below there is 1 to many customers to Sales, and there are many payments to 1 Books. The sideways 8 represents infinity.



Implementation

1. Open Access windows and create the database. Create new tables. Name the new tables as appropriate. Create and design (field names, field types, field length) the new tables by going to the design menu (right click on the tables).



2. Insert data in the tables under appropriate fields.

Security Warning: Certain content in the database has been disabled. Options...

All Tables

- Books
 - Books : Table
 - Fildmann
 - Fildmann
 - Thriller
 - Fildmann
 - Thriller
 - Fildmann
 - Thriller
- Books Price
 - Books Price : Table
- Customers
 - Customers : Table
 - Fildmann
 - Thriller
 - Fildmann
 - Thriller
 - Fildmann
 - Thriller
- Sales

Customer ID	First Name	Surname	Gender	Age	Telephone	Address	Postcode	E-Mail	Add New Field
1	Adam	Ali	Male	24	07555652875	Femaleroad 48	BN263L	-	
2	Eve	Abdul	Female	23	07659542658	English Raod	B386EQ	Eve@hotmail.com	
3	Ali	Ibar	Male	25	07554845454	Johanes brug Stre	W485HF	more@kkl.com	
4	Abdul	Babul	Male	36	07566565656	Mosle gate 52	S455FD	Database@jcc.ac.uk	
5	Ibar	Bibi	Female	95	07859696659	High gate 25	F454DF	No reply@alday.com	
6	Babul	Bana	Female	62	02548747988	Samal heath 36	F545FD	Tesco@tesco.com	
7	Bibi	Barbro	Female	67	07656500021	School Road 955	D445HG	Bibi@hotmail.com	
8	Bana	Jerry	Female	82	07958696966	Demarcoy Raod 45	G454HG	-	
9	Barbro	Thomson	Female	18	01214789969	Database Street 01	G478OS	Barbro@hotmail.com	
10	Jerry	Tina	Male	45	07569822664	Maleroad 42	M458KL	You@hotmail.com	
11	Thomson	Taylor	Male	36	07552669564	Banna street 12	H452OP	My@hotmail.com	
12	Tina	Tamara	Female	34	07569985452	Cinema Road 13	G425YU	Why@hotmail.com	
13	Taylor	Sadam	Male	29	07569685896	Birmingham Stree	B452IK	Yess@hotmail.com	
14	Tamara	Sudani	Femal	38	07688959895	Lucky street 15	F425FG	Male@hotmail.com	
15	Sadam	Sabol	Male	37	07696556659	Happy Town Raod	B265GG	Try@live.co.uk	
16	sudani	Sara	Male	32	01215696565	Party Gate 15	L455OI	No@gmail.com	
17	Sabol	Isman	Female	26	01254785584	fernroad 15	D425RE	Aha@Database.cu.uk	
18	Sara	Gran	Feamle	56	07588998545	Bamse road 45	O452SF	Funny@live.co.uk	
19	Isman	Eve	Male	70	07369874553	Broad gate 15	K455FF	No email@hotmailqail.cc	
20	Gran	Adam	Male	35	07621635666	city Raod 16	B789OP	Gran@live.cu.uk	
21									
*	(New)								

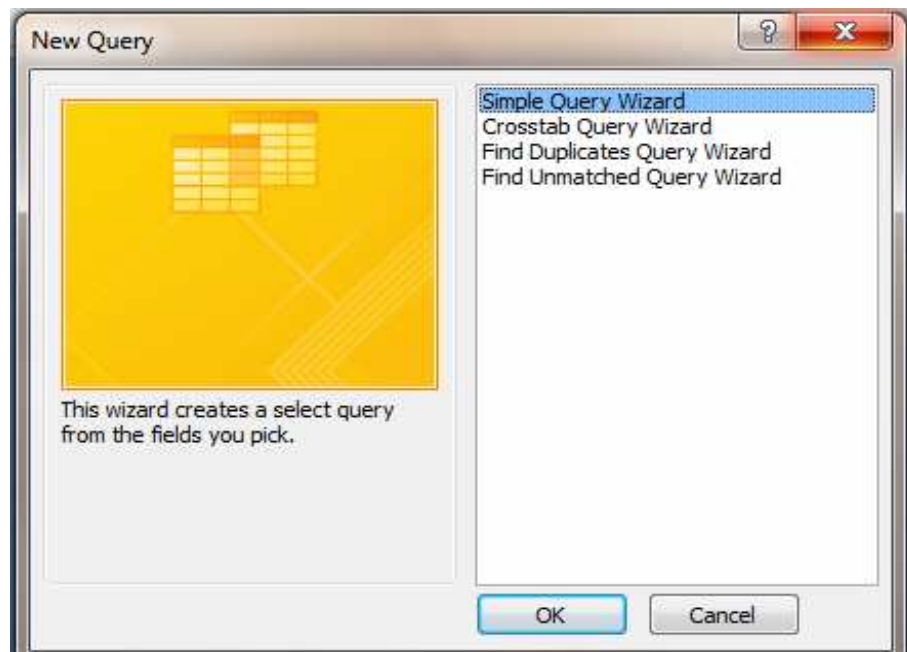
Record: 1 of 21 | No Filter | Search

Num Lock

7

EN 14:59 28/03/2010

3.when all data are inserted in the tables , start doing the QUERY By going to the Create Menu(QUERY WIZARD).

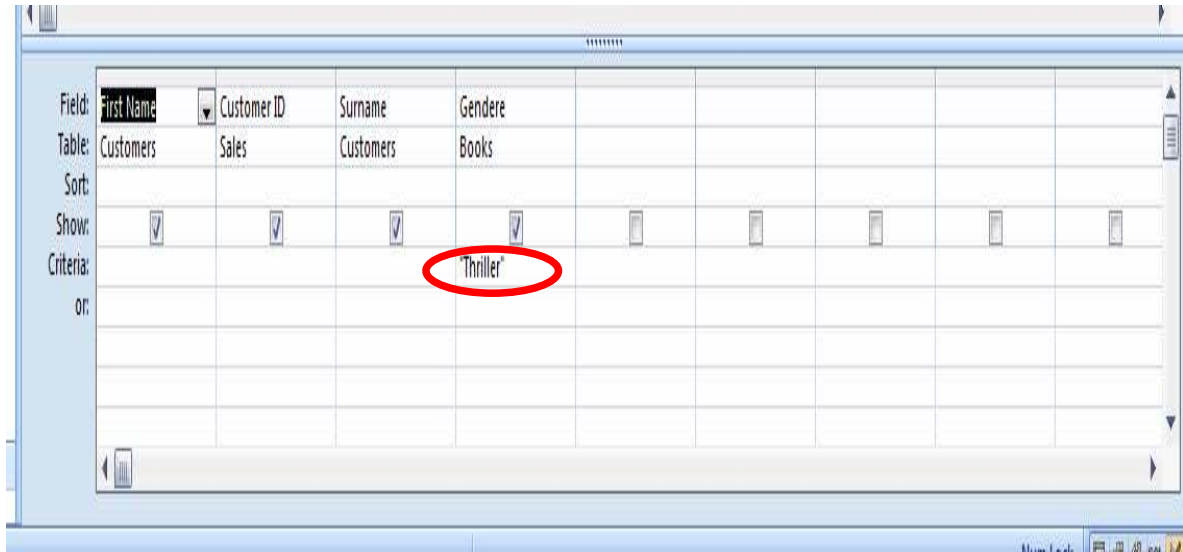


Chose the tables u want to do query on.

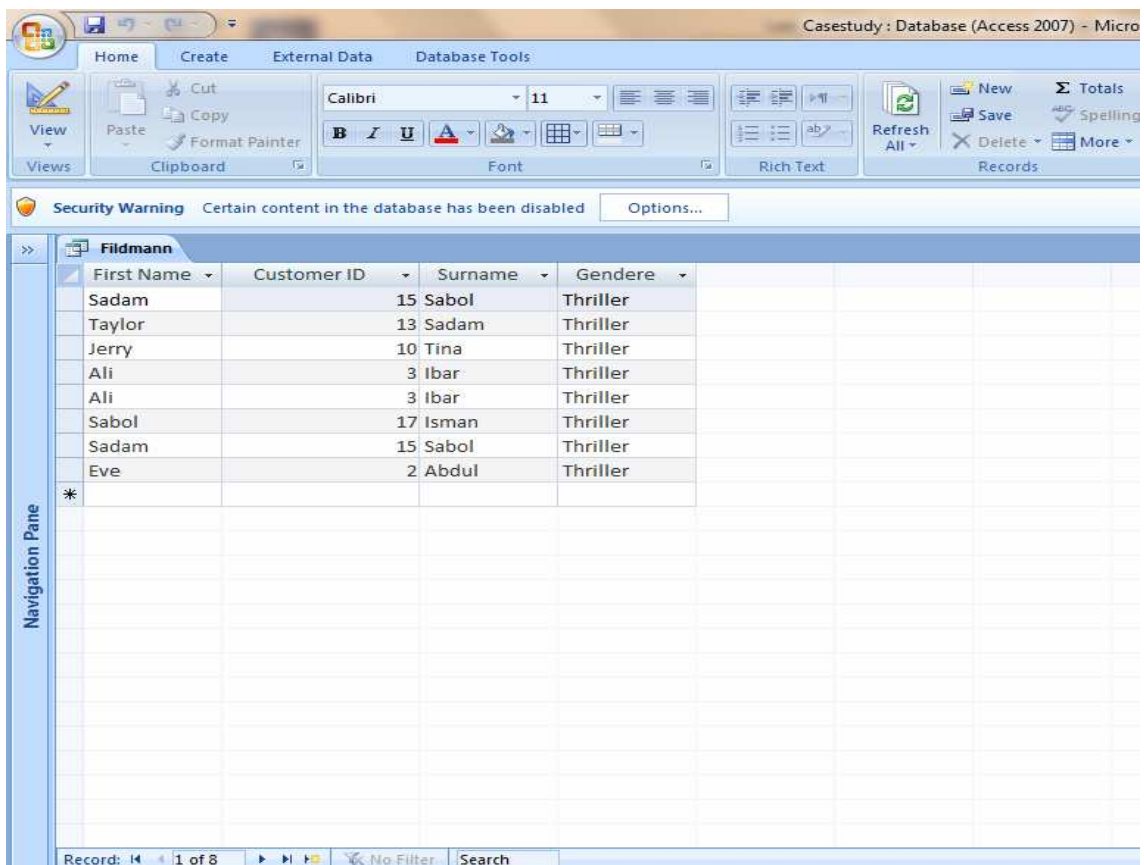


3,

3. Insert the criteria's you want to search for.



Open the query.



4, Create the Reports by going to create menu and choose Report.



Security Warning Certain content in the database has been disabled Options...

Fildmann Fildmann

Fildmann 28 March 2010 15:55:04

First Name	Customer ID	Surname	Gendere
Sadam	15	Sabol	Thriller
Taylor	13	Sadam	Thriller
Jerry	10	Tina	Thriller
Ali	3	Ibar	Thriller
Ali	3	Ibar	Thriller
Sabol	17	Isman	Thriller
Sadam	15	Sabol	Thriller
Eve	2	Abdul	Thriller

8

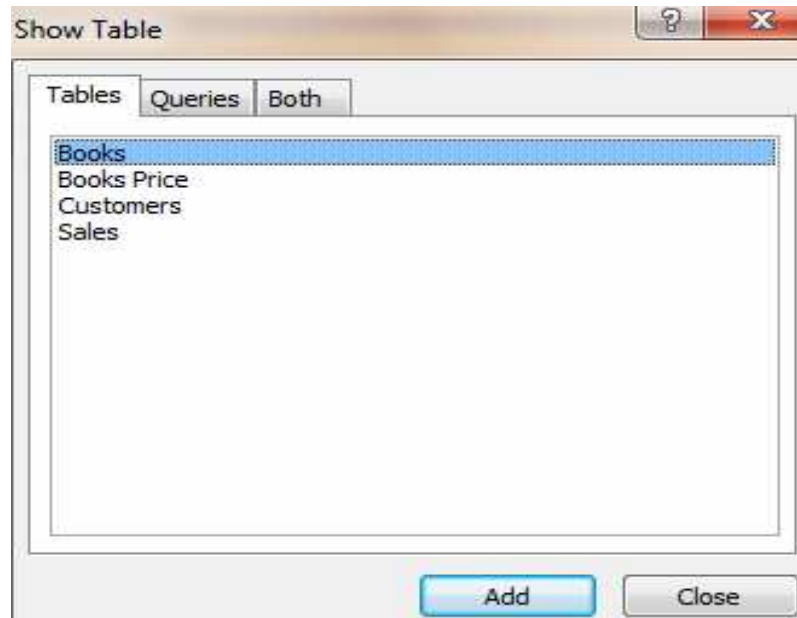
Page 1 of 1

5, Create the FORMS by going to the create menu and choose FORM

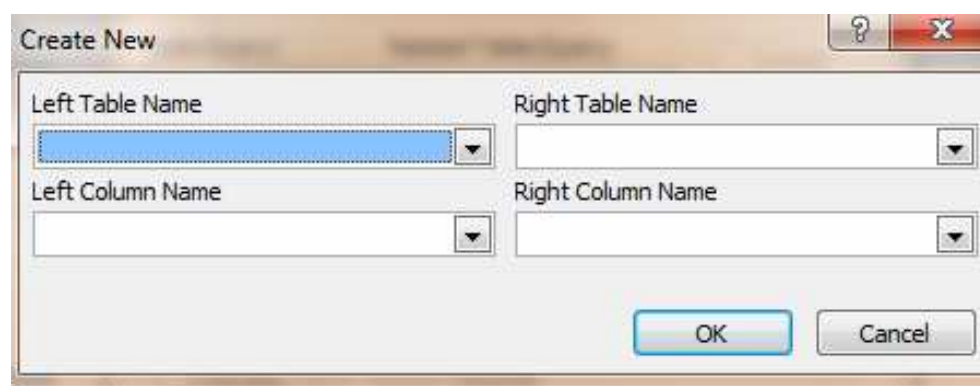
This screenshot shows the 'Books Price' form in Layout View. The form has a title bar 'Books Price' and a navigation pane on the left. The form contains five text boxes with labels: 'Reference Number' (JTH7262), 'Purchase Price' (£6.00), 'Selling Price' (£6.60), 'Opening Stock' (35), and 'Closing Stock' (13). The status bar at the bottom indicates 'Record: 1 of 9' and 'No Filter'.

Field	Value
Reference Number	JTH7262
Purchase Price	£6.00
Selling Price	£6.60
Opening Stock	35
Closing Stock	13

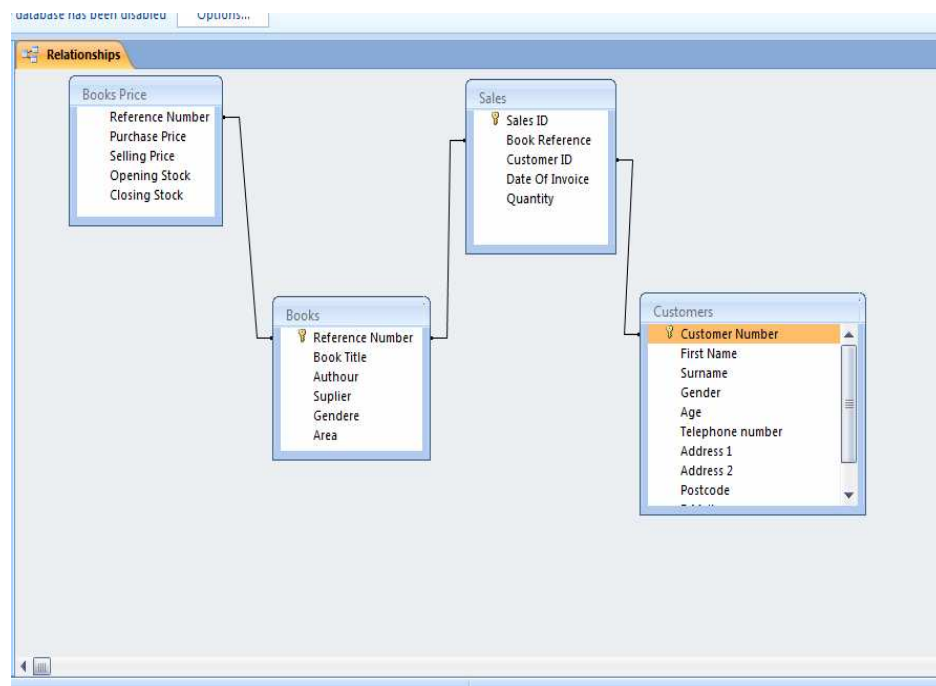
6, create the relationships by going to the database tool menu and chose relationships. Import the tables,



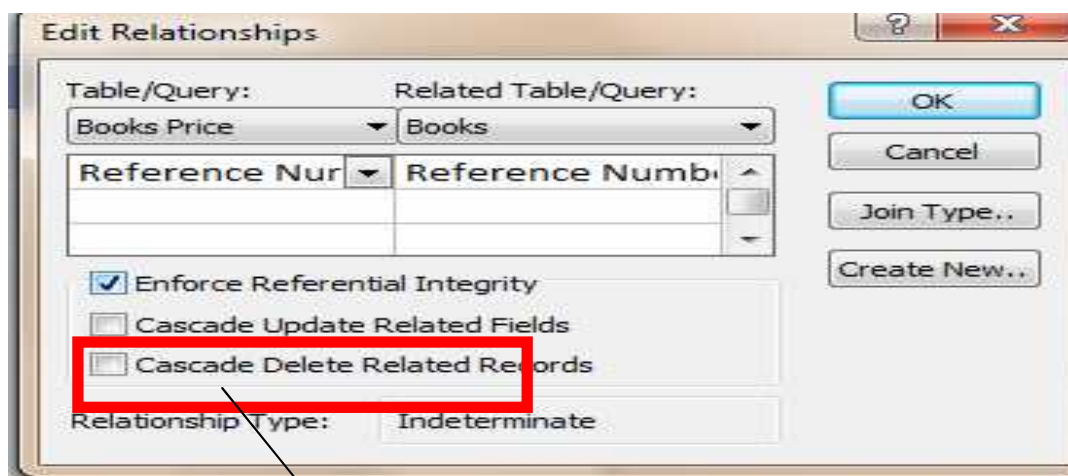
GO TO EDITRELATIONSHIPS AND CREATE THE RELATIONSHIPS BETWEEN THE TABLES



Add the fields from the tables u want to create a relationship between.

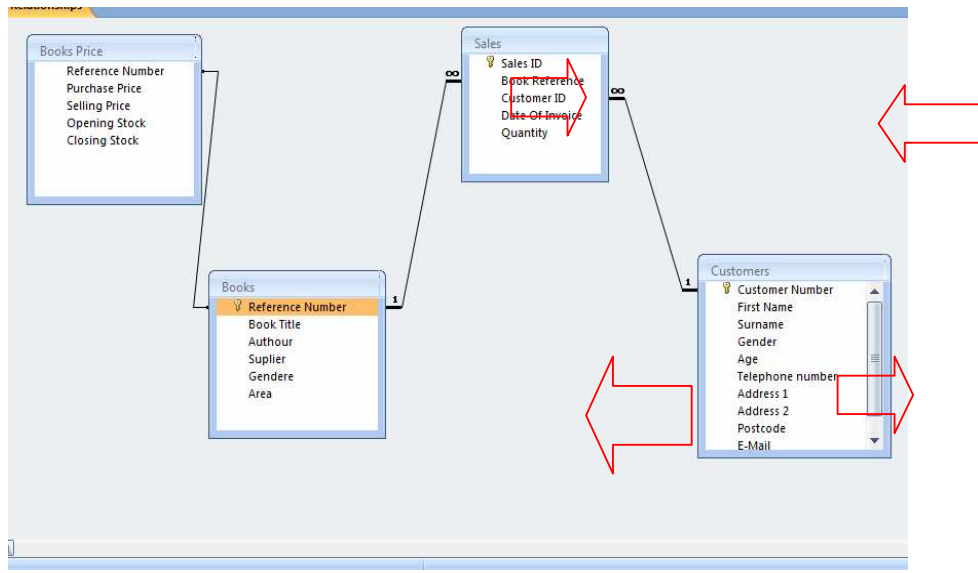


There is only 1 to 1 relationships between the tables.i want to have 1 to many relationships between Books and sales, and sales and customers



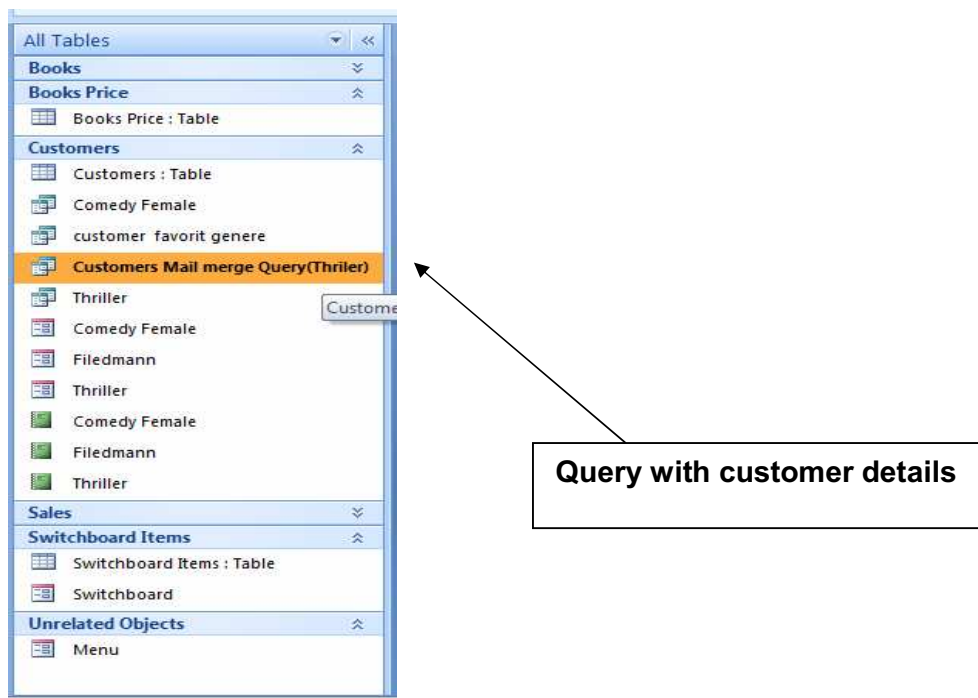
Creates 1 to many relationships

Applied this to the tables i wanted 1 to many relationship between.

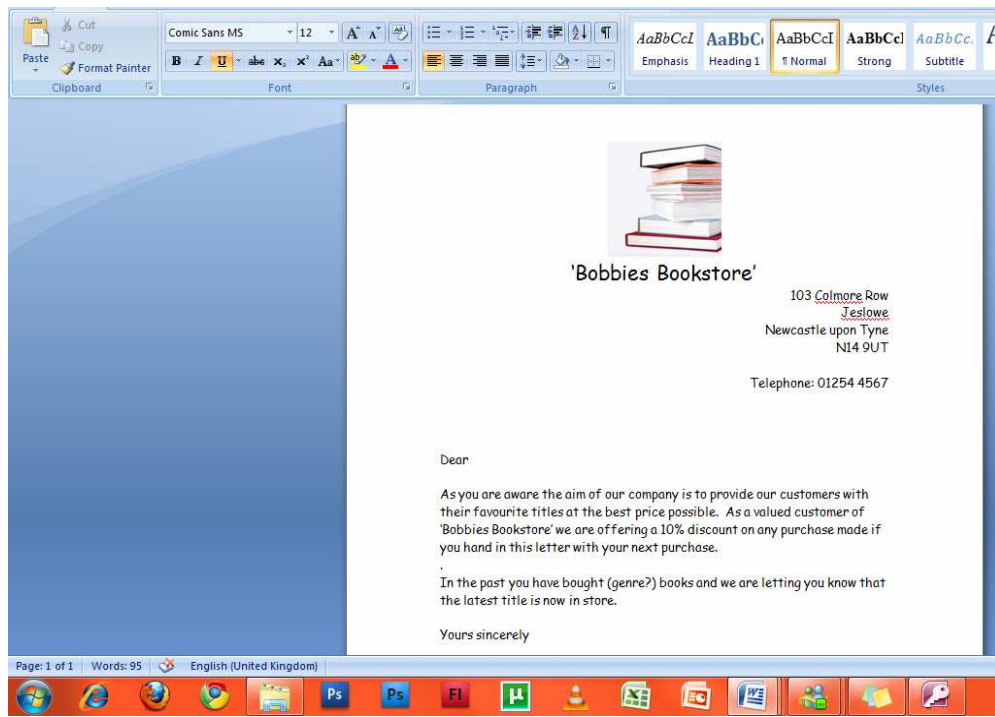


Mail merge

1.Create a query that contains the necessary details, name it and save it.



2. open the letter from MOODEL(bobbies book store letter)



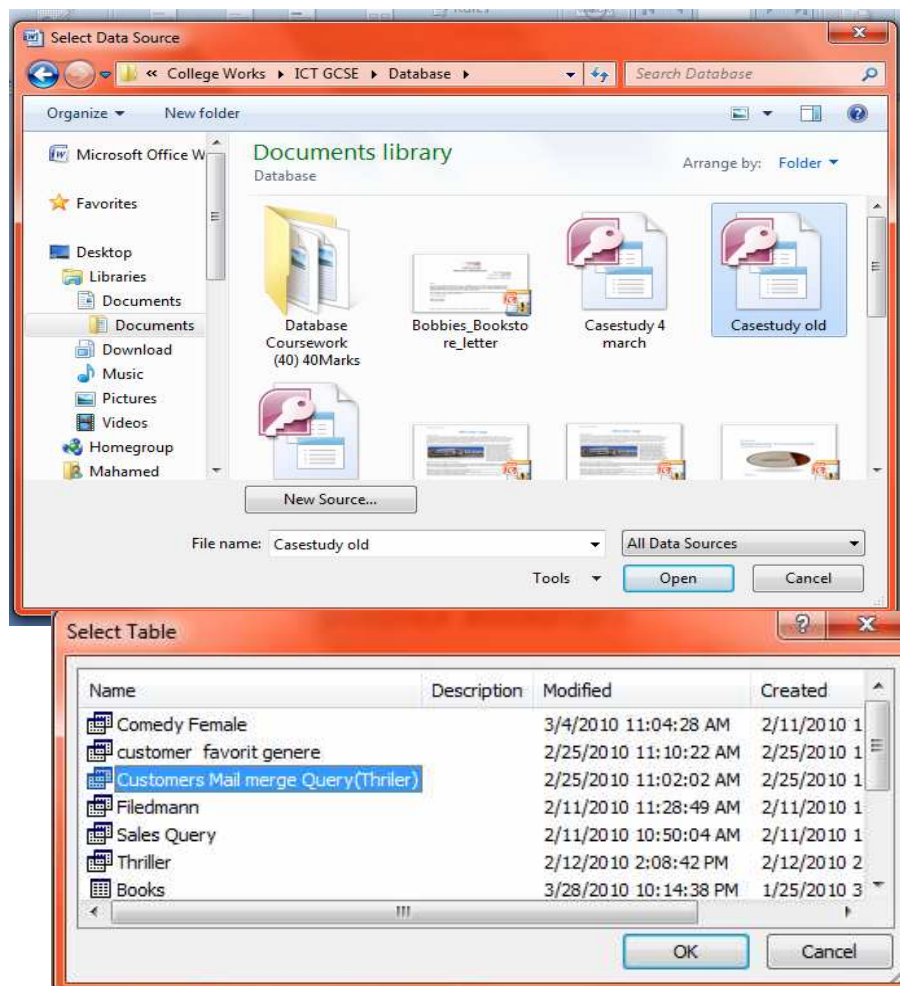
3. open the mailings menu (at the top of the word window) and choose letters in the start mail merge menu



4. then go to the Select Recipients menu and chose use existing list



5. locate the query u saved in the database (find the query)



6 . go to the Address block menu and choose match fields and match the different fields



Insert Address Block

Specify address elements

☒ Insert recipient's name in this format:

Josh
Josh Randall Jr.
Josh Q. Randall Jr.
Joshua
Joshua Randall Jr.
Joshua Q. Randall Jr.

☒ Insert company name

☒ Insert postal address:

☐ Never include the country/region in the address
☐ Always include the country/region in the address
☒ Only include the country/region if different than:
United Kingdom

☒ Format address according to the destination country/region

Preview

Here is a preview from your recipient list:

Ali Ibar
Bamse road 45
Johanes brug Street 45
Birmingham
W485HF

Correct Problems

If items in your address block are missing or out of order, use Match Fields to identify the correct address elements from your mailing list.

Match Fields...

OK Cancel

Match Fields

In order to use special features, Mail Merge needs to know which fields in your recipient list match to the required fields. Use the drop-down list to select the appropriate recipient list field for each address field component

Required for Address Block

First Name	First Name
Last Name	Surname
Suffix	(not matched)
Company	(not matched)
Address 1	Address 1
Address 2	Address 2
City	City
State	(not matched)
Postal Code	Postcode
Country or Region	(not matched)

Optional information


Unique Identifier	(not matched)
-------------------	---------------

Use the drop-down lists to choose the field from your database that corresponds to the address information Mail Merge expects (listed on the left.)

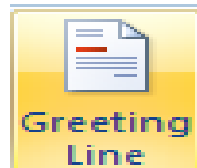
☐ Remember this matching for this set of data sources on this computer

OK Cancel

7 . move the edited address block to the appropriate place on the letter

	'Bobbies Bookstore'	103 Calmore Row Jeslowe Newcastle upon Tyne N14 9UT Telephone: 01254 4567
<div>«AddressBlock»</div>		
<p>Dear</p> <p>As you are aware the aim of our company is to provide our customers with their favourite titles at the best price possible. As a valued customer of 'Bobbies Bookstore' we are offering a 10% discount on any purchase made if you hand in this letter with your next purchase.</p> <p>In the past you have bought (genre?) books and we are letting you know that the latest title is now in store.</p> <p>Yours sincerely</p> <hr/> <p>Miss P Hassan</p>		

8 . create the greeting line block my going to the GREETING LINE menu and chose appropriate options

A screenshot of the 'Insert Greeting Line' dialog box. It has a red title bar with a question mark and a close button. The dialog contains several sections: 'Greeting line format:' with three dropdown menus (the first is '(none)', the second is 'Mr. Joshua Randall Jr.', and the third is '(none)'); 'Greeting line for invalid recipient names:' with a dropdown menu set to '(none)'; a 'Preview' section with a text box containing 'Ibar Bibi'; and a 'Correct Problems' section with a 'Match Fields...' button. At the bottom are 'OK' and 'Cancel' buttons. A 'Close' button is also visible on the right side of the dialog.

'Bobbies Bookstore'

«AddressBlock»

103 Colmore Row
Jeslowe
Newcastle upon Tyne
NE14 9UT
Telephone: 01254 4567

Dear «GreetingLine»

As you are aware the aim of our company is to provide our customers with their favourite titles at the best price possible. As a valued customer of 'Bobbies Bookstore' we are offering a 10% discount on any purchase made if you hand in this letter with your next purchase.

In the past you have bought (genre?) books and we are letting you know that the latest title is now in store.

Yours sincerely

Miss P Hassan

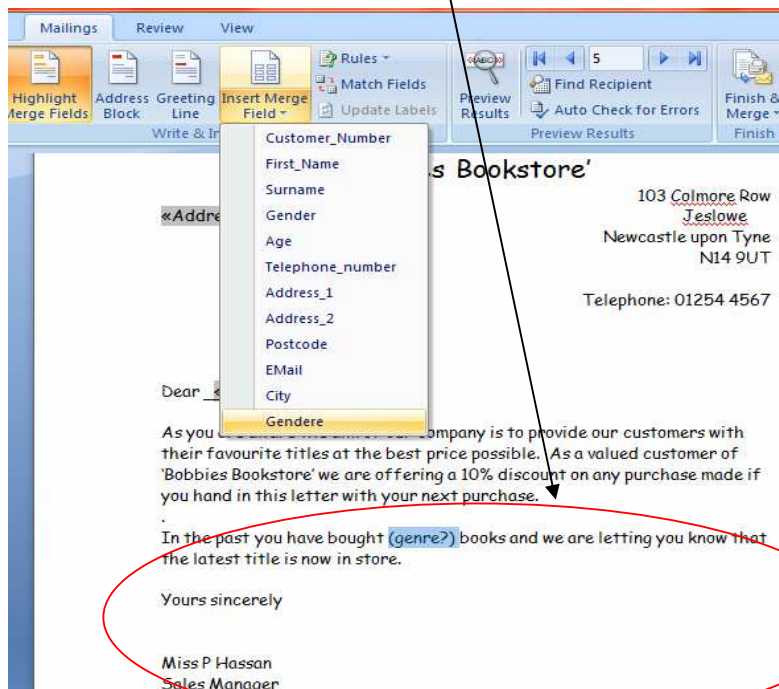
**9 . change the genre(in the letter) to Thriller by going to
insert merge field and choose GENRE**

you hand in this letter with your next purchase.

In the past you have bought (genre?) books and we are letting you know that
the latest title is now in store.

Yours sincerely

Miss P Hassan
Sales Manager



10 . Check if everything is okay by clicking [preview results](#) and edit as appropriate



'Bobbies Bookstore'

103 Colmore Row, Jesland,
Newcastle upon Tyne
NE14 9UT
Telephone: 01254 4567

Ali Ibar
Bamse road 45
Johanes brug Street 45
Birmingham
W485HF

Dear Ali Ibar

As you are aware the aim of our company is to provide our customers with their favourite titles at the best price possible. As a valued customer of 'Bobbies Bookstore' we are offering a 10% discount on any purchase made if you hand in this letter with your next purchase.

In the past you have bought Thriller books and we are letting you know that the latest title is now in store.

Yours sincerely

Miss P Hassan
Sales Manager

C:\Users\Mahamed\Documents\College Works\ICT
GCSE Database\Bobbies_Bookstore_letter.docx



'Bobbies Bookstore'

103 Colmace Row Jesajoss.
Newcastle upon Tyne
N14 9UT
Telephone: 01264 4567

Eve Abdul
Broad gate 18
English Road 63
Birmingham
B36EQ

Dear Eve Abdul

As you are aware the aim of our company is to provide our customers with their favourite titles at the best price possible. As a valued customer of 'Bobbies Bookstore' we are offering a 10% discount on any purchase made if you hand in this letter with your next purchase.

In the past you have bought Thriller books and we are letting you know that the latest title is now in store.

Yours sincerely

Miss P Hassan
Sales Manager

C:\Users\Mahamed\Documents\College Works\ICT
GCSE Database\Bobbies_Bookstore_letter.docx

Here are 3 different letters
(3 results)



'Bobbies Bookstore'

103 Colmace Row Jesajoss.
Newcastle upon Tyne
N14 9UT
Telephone: 01264 4567

Sabot Ieman
Johanes brug Street 46
fernsroad 15
Birmingham
D42ERF

Dear Sabot Ieman

As you are aware the aim of our company is to provide our customers with their favourite titles at the best price possible. As a valued customer of 'Bobbies Bookstore' we are offering a 10% discount on any purchase made if you hand in this letter with your next purchase.

In the past you have bought Thriller books and we are letting you know that the latest title is now in store.

Yours sincerely

Miss P Hassan
Sales Manager

C:\Users\Mahamed\Documents\College Works\ICT



'Bobbies Bookstore'

103 Colmace Row Jesajoss.
Newcastle upon Tyne
N14 9UT
Telephone: 01264 4567

Jerry Tina
Banna street 12
Maleroad 42
Birmingham
M46BKL

Dear Jerry Tina

As you are aware the aim of our company is to provide our customers with their favourite titles at the best price possible. As a valued customer of 'Bobbies Bookstore' we are offering a 10% discount on any purchase made if you hand in this letter with your next purchase.

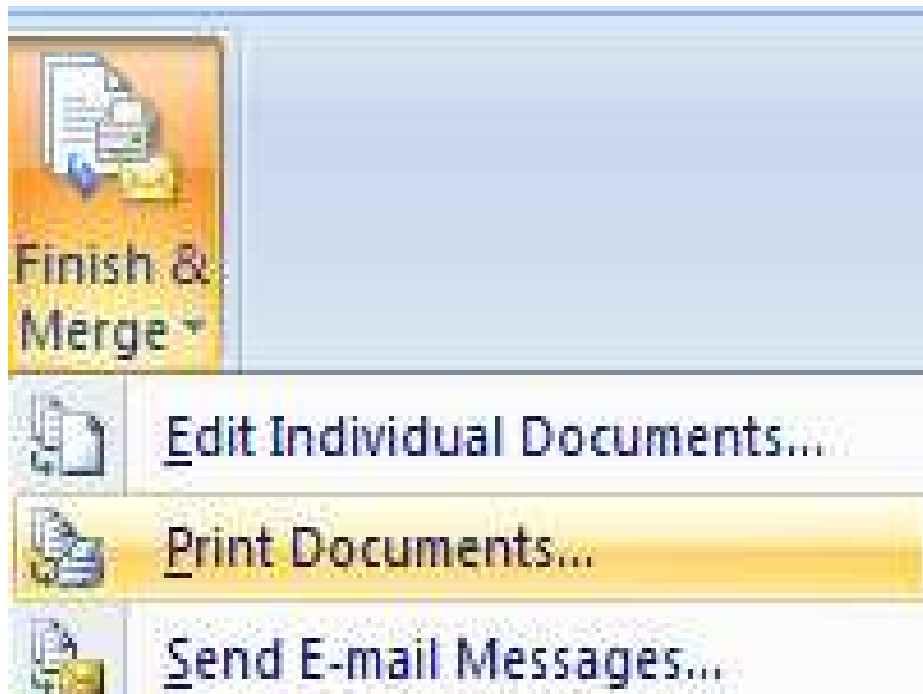
In the past you have bought Thriller books and we are letting you know that the latest title is now in store.

Yours sincerely

Miss P Hassan
Sales Manager






C:\Users\Mahamed\Documents\College Works\ICT
GCSE Database\Bobbies_Bookstore_letter.docx



12. *Then it's done, I have then 2 options, to send them (all) by E-mail or print them*



Evaluation

is Quantitative Objectives fully evaluated

<u>Objectives</u>	Achieved	<u>Explanation</u>
<ul style="list-style-type: none"> Working database 		<p>This objective has successfully been achieved, this can has been proved by the test plan above.</p> <p>The database is fully working.</p>
<ul style="list-style-type: none"> Include all necessary information 		<p>This objective has successfully been achieved; the database contains all necessary data to work.</p>
<ul style="list-style-type: none"> Produce rappsorts 		<p>This objective has successfully been achieved, the reports has been produces and the end user is satisfied. 3 reports has produced</p>
<ul style="list-style-type: none"> look up data(Queries) 		<p>This objective has successfully been achieved. The database contains enough data(information) to do multiple queries (different criterias).</p> <p>I have done 3 quires</p>
<ul style="list-style-type: none"> Produce Forms 		<p>This objective has successfully been achieved. The forms has been designed according to the designs and fully implemented. I have done 3 formsquires</p>

<ul style="list-style-type: none"> • Be user friendly 		The database is easy to use and works without problems.
<ul style="list-style-type: none"> • Be printable 		All of the forms can be printed .i have myself printed out some ,it fits perfectly in A4 paper.



User Feedback

Dear database Designer,

I am very impressed with the database you have designed for My Company in Fire roads Birmingham. I am very ecstatic that you were able to get all our customer details in so easily and I'm so happy that it is so easy to use, it will be very easy to update so will bring in great revenue..



However I found that some of the information you have put into the database is quite useless so I would like to see less information that is useless and more information that tells the user what the database will help the company and how they are to use it. Also I need the database to be more friendly and easy for me to change the information if I needed to change it.

Please could you fix these problems and give me the database and I hope I will be able to successfully use it. Everything else on the database is absolutely fabulous.

Thank You

Mr Farrot

*Thank
You*

Improvements from user feedback

Based on the user feedback I will have to cut out some of the useless information and add more information that is not useless .then It should be very easy to use the database, users won't need much training on how to use and update the database.

