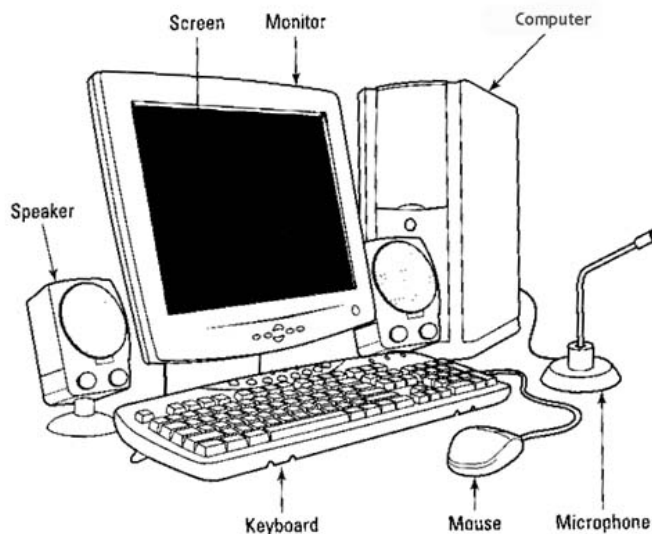


Hardware

Hardware is the physical components that make up a computer. It is something that you can see, feel and physically hold/touch. Some of these components include the monitor, CPU, RAM



The picture shows a computer with its main components labelled.

Types of hardware

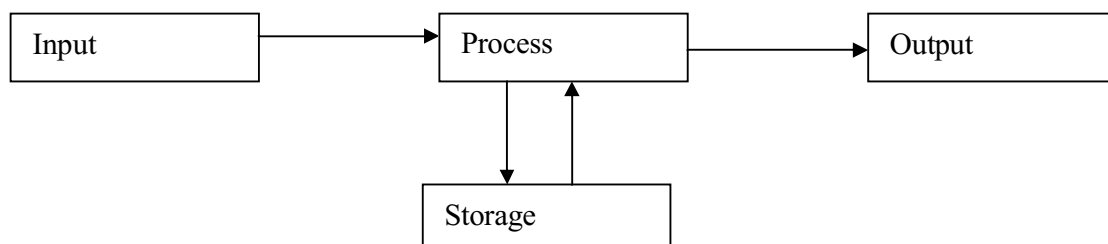
In a computer there are four main types of hardware. They are:

Input - input is when you enter data into a computer. This includes typing, speaking into a microphone or entering commands. It is something that is entered into a system.

Process – this is when data entered into the computer is handled in such a way that it is readable. Processing directs the operation of input and output devices.

Storage – on the computer there is a hard drive. This is a storage device. Whatever work done on the computer is stored on to the hard drive. This is known as storage. Storage basically means to store data. On a computer data can be stored in many ways. It can be stored on a CD, a USB flash drive; on the computer's hard drive floppy disk etc. the data stored can be accessed at any time.

Output – output is when data is displayed and you can see it or read it etc. for example you can enter some data into the computer such as typing on the keyboard, the monitor will then display to you what you have typed. This is known as output.



The following list states what input, process, storage and output hardware I used.

Input

Microsoft digital media QWERTY keyboard.

Microsoft optical wheel mouse

Process

2.93GHz Intel Core Duo Processor

Storage

120GB SATA Hardrive

2GB RAM

4GB HP C485W USB Flash Drive.

Output

Daewoo international TFT monitor

Samsung ML2855ND laser Printer

The following table states the price, the advantages and disadvantages and how the hardware I used works.

<u>Name of device</u>	<u>Price</u>	<u>The way it works</u>	<u>Advantages</u>	<u>Disadvantages</u>
Samsung ML2855ND laser Printer	£162.03	A laser printer uses laser light beams to print work, pictures etc.	It doesn't produce lots of noise like other printers.	A laser printer is not good for someone who prints lots of photographs as they are not capable of printing high resolution images.
			It is light and compact so it is easy to lift up and move around and it doesn't take up lots of space.	If your printer breaks or gets damaged and needs repairing then it will be quite expensive to repair.
			It has good print quality and produces print relatively faster than other printers.	A laser printer itself costs a lot of money and the cartridges for it are also quite expensive. So you will lose quite a bit of money.
Daewoo international TFT monitor	£79.97	TFT stands for Thin Film Transistor. It is an output device that allows you to view what you are doing on your computer. Whether it is creating a document or watching a movie. Without the monitor you cannot use a computer because you cannot see what you are doing.	TFT monitors are thinner and more compact than CRT monitors. So it saves more space.	A disadvantage is that a TFT monitor is more expensive than a CRT monitor. And the bigger the monitor you want the more expensive it will be.
			A TFT monitor has finer quality than CRT monitors. The colours produced are more varied and defined and everything is clearer.	The monitor can break or get damaged easily if it is not looked after properly.
			There are fewer glares produced so the risk of eye strain is reduced.	A TFT monitor has a limited angle view. If you are working and

			And also less radiation is produced.	looking directly at your computer then this is fine, but if others are trying to read from the side then this will prove to be difficult.
4GB HP C485W USB Flash Drive.	£8.99	This is an input storage device. The term USB stands for universal serial bus. On it you can store up to 4GB of data. This could be videos/movies, any type of work, music files etc. it is plugged into the computer via a USB port.	On a USB you can store on it lots of memory. Some can hold more memory than CDs and DVDs.	A disadvantage of a USB is that they can be easily damaged or corrupted by serious or physical abuse. Also the circuitry of a USB can be harmed by improper use or wiring of the USB port. Subsequently important files can be damaged or lost.
			It is relatively cheap. And you can buy USBs that have more memory so that you can store more data.	Even though people appreciate its compact size, it still has a disadvantage. This is that because of its small size it can be lost easily. Consequently leading to important files being lost
			It is compact and has good ease of portability. You can carry lots of information without taking up lots of space in pockets etc.	A USB, depending on how much capacity it has can be a bit expensive. The more memory you wish to use the more expensive the USB is going to be.
2GB RAM	£68.27	RAM is the most common computer memory used. It is used by programs to perform necessary tasks while the computer is on. RAM stands random	With RAM installed in your computer your computer will run faster and smoother.	RAM loses its content when the computer is switched off. So if accidentally you do not save your work, you will not be able to recover it from your RAM.

		access memory. An integrated circuit memory chip allows information to be accessed or stored in any order and all storage locations are equally accessible.	With RAM you can install more types of software and hardware	The more amount of RAM you want the more expensive it is going to be in comparison to other RAMs.
			You can get a good amount of random access memory for a reasonable price.	Another disadvantage of RAM is that it takes up a lot of physical space.
120GB SATA Hardrive	£25.00	A SATA Hardrive is a massive storage device that connects to the motherboard using a SATA connector. It receives data transmission from the motherboard using the SATA connection inside the computer. The term SATA stands for serial advanced technology attachment.	A SATA Hardrive is fast and efficient. It doesn't take long to save work.	
			When it is in use it doesn't produce a lot of sound.	
			It has a lot of storage capacity so you can store lots of data on it.	
2.93GHz Intel Core Duo Processor	£94.86	An Intel core duo processor runs computer programs and executes commands. Most computer programs that are processed are internet explorer, word processors and image manipulation software. An Intel core duo processor performs four basic functions to run computer programs and process data.	This particular processor is relatively cheap	There are now better processors out such as quad core. Therefore programs are taking advantage of these quad cores, so sooner or later you will need a quad core processor to run all your programs.
			The processor makes the computer run faster.	Some older programs may run slower on a core duo processor because it doesn't support multithreading.
			It only runs on 65 watts making it energy efficient.	The bigger Intel core duo processor you want the more expensive it will

				be.
Microsoft optical wheel mouse	£4.49	A mouse is an input device that has two main buttons. It is used to control the computer and access files and programs.	You don't have any difficulty in using a normal optical mouse. Unlike a ball mouse it doesn't keep getting stuck as it uses a laser.	If your mouse is a USB mouse then your computer will require a USB port and also drivers so that your mouse can be installed and work.
			Unlike a ball mouse it doesn't need to be cleaned. As it uses a laser whereas a ball mouse needs to be cleaned otherwise the ball gets jammed, this makes it easier to maintain.	An optical mouse might have some problems on different surfaces such as glass.
			An optical mouse is relatively cheap.	On a mouse pad the laser of the mouse may rebound off certain colours and shapes that are printed on the mouse pad.
Microsoft QWERTY digital media keyboard.	£7.99	This is an input device that enables the user to type in commands and also type up documents. It has numbers and letters arranged in a certain layout.	After you have got the hand of using a keyboard for the first time it is easy to use.	When you have started using a key board for the first time it will be a bit difficult to use and to get used to. And you will also have to learn how to type.
			A normal qwerty keyboard is relatively cheap when you buy it on its own, but with a computer it is cheaper.	You can get a disease known as carpal tunnel syndrome. It is caused by the frequent movement of moving your hand back and forth.
			You can get special keyboards designed for	If you buy a keyboard for the first time it might

			comfort	not always be comfortable for you, so it may be difficult to use due to lack of comfort.
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Alternatives

The table below shows what alternative pieces of hardware I could use instead of the ones I am currently using.

<u>Name of device</u>	<u>Alternative</u>	<u>The way it works</u>	<u>Advantages</u>	<u>Disadvantage</u>	<u>Difference it would make if used</u>
Samsung ML2855ND laser Printer	3 in 1 printer	A 3 in 1 printer includes all of the functions, they are printing, scanning and photocopying. One of these functions may be replaced with a fax function.	Having a 3 in 1 printer saves a lot of space because you only have one device instead of lots.	The printer may perform well on one function but it may not perform that well on the other functions. Also if one function breaks then all the other functions will also break or need repairing.	A lot of money would be saved on just buying one device instead of lots. Also space would be saved with only one device that has many functions in it.
			A normal 3 in 1 printer itself is relatively cheap.	Modern 3 in 1 printers can be quite expensive.	
			It is cheaper to purchase a 3 in 1 printer instead of getting all the functions on it separately.	With a 3 in 1 printer more space is taken than there would with a single function printer.	
Daewoo international TFT monitor	C15DIGB10 Refurbished 15" HD Ready LCD TV	This HD TV is an output device. It works the same as a normal monitor does. The difference is that unlike a normal TFT monitor it has	For a person who watches a lot of movies on their computer the advantage of having this alternative are that the picture quality is much better.	This alternative is quite expensive to purchase.	The difference made is that the picture quality will be better and also sound will be clearer and better. And you can watch TV

		HD display. And it is also bigger.	If you have this alternative instead of a monitor then you can flick between using your computer and to watching TV.	Sitting too close to HD TV can cause headaches, it is better to sit three times its diagonal length and not everyone has that much distance between them and their HD TV in their room.	and use your computer at the same time.
			The sound of this alternative is better to that of a normal monitor; therefore you do not have to pay extra for speakers.	Along with paying for the HD TV you have to pay extra for other accessories such as a HD cable etc, Which are quite costly.	
120GB SATA Hard drive	1tb external SATA hard drive.	It works the same as a normal hard drive; it has more memory on it so that more files, documents etc can be saved onto it.	There is more memory so the user can save more data onto it instead of purchasing another hard drive to save his work on.	An external hard drive is slow at transferring and accessing files than an internal hard drive.	The difference it would make is that you will have more space and you can save more work. Also it is portable so you can take your work around with you if you need to. Whereas you cannot take work around with you on an external hard drive.
			It is easy to use; you connect it to your computer via a USB cable and drag and drop your work onto it.	If you were to drop it then there is a risk of it getting damaged and work and information getting lost.	
			The user after saving his work onto it can then take it	Compared to a normal hard drive it is more expensive.	

			around with him wherever he goes due to its ease of portability.	Also if you want one with more capacity it will be more expensive.	
2.93GHz Intel Core Duo Processor	Intel quad core processor	It works the same as a normal core duo processor; however it has four processing cores It is designed to handle massive computer and visualization workloads enabled by powerful multiple core technology.	It can perform different data calculation for programs at the same time whereas a normal core duo processor has to perform different data calculations for each program separately.	It is not needed for people who do not multitask a lot.	It would not make lot of difference to people who do not run very demanding programs or do multitasking. However for people who do this kind of stuff then their computer will not run slowly.
			An Intel quad core processor can handle several programs at the same time without slowing down.	It is more expensive than a normal core duo processor.	
			It is faster than a normal processor	If you use your computer for things such as paying the bill, downloading, watching movies etc then a quad core processor is not needed. It is only needed for very demanding programs.	
4GB HP	8GB	It works the	More data	The more	Not a lot of

C485W USB Flash Drive.	memory card	same as a USB; you just plug it into your computer and start to drag and drop files onto it. The only difference is the design of it and the capacity in it.	can be stored on to it.	amount of memory you want the more expensive the memory card will be.	difference will be made. There will be an increase in memory and the design of the memory card to a USB will be different.
			You can save whatever files you like onto it including games movies music files etc.	Due to its size it can get lost very easily and important information can be lost.	
			It isn't very expensive. Just a little bit more than a 4GB USB.	Not all memory cards can fit into computers. You have to get special devices so that you can connect your memory card to your computer.	
2GB RAM	4GB RAM	It works the same as a 2GB RAM. There is only a difference in the capacity between the two RAMs.	Because there is more capacity it will run faster and will improve the performance of your computer.	Because this RAM has more memory it going to be more expensive.	The only difference made is that you will have more memory. And your computer will run web pages faster etc.
			Transitions will be smoother and web pages will load faster.	It may be difficult to install if you don't know much about computers.	
			Also multitasking is better and your computer will be prevented	You cannot save your work because it is possible that you may run out of RAM.	

			from having shutdowns.		
Microsoft optical wheel mouse	Microsoft wireless laser mouse.	It is the same kind of input device like the optical mouse. The only difference is that it doesn't require a wire for it to be connected.	You don't have to sit far away from the computer but can sit at a distance because there is no wire.	A wireless mouse needs batteries to operate because there is no wire connecting to the mouse so there is no power.	The only difference made is that you can work at your computer from a distance and also you will pay a bit more extra than you would for normal optical wired mouse.
			There are no wires so it cannot get tangled up with other pieces of hardware.	It is more expensive than a normal optical mouse.	
			It can work on any surface because it uses a laser and not a ball.	It has a limited range. It will not work if you are sitting too far away from the computer. There could also be a signal interference	
Microsoft QWERTY digital media keyboard.	Microsoft wireless keyboard.	It works the same as a normal wired keyboard; the only difference is that there is no wire connecting the keyboard to the computer.	You don't have to hassle with tangled wires, causing less stress.	If you sit too far away from the computer then it might not work properly because it has limited distance range, and also other signals can interfere with the keyboard signal.	The only difference made is that you can use it from a distance and that there will be no wires to get tangled up.
			You can sit a bit further away from the screen.	Even though it is wireless it might not be comfortable	

				for the user making it difficult for the user to use it.	
			When you are not using the keyboard it can be placed and put away anywhere due to the fact that there is no wire connecting it. This can save you some space in front of your computer.	It is more expensive than a wired keyboard.	

Software

Software is written programs or rules that refer to the operation of a computer system that are stored in read or write memory. It is primarily used for digitally stored data such as computer programs and other information that are read and written by computers. Software is programs that are used to direct the operations in a computer.

The two paragraphs below explain the two main types of software, they are:

Operating Software (O.S)

Operating software forms the basis of additional programs and creates an interface between the software and the computer. Operating software basically runs your computer. It is the most important piece of software in your computer. Operating software is software that consists of data and programs that run on a computer. It manages computer hardware and provides common services for the execution for various types of application software.

Application Software

Application software is software designed to help the user perform single or multiple related specific tasks. Some examples of these are word processors, spread sheets, database applications and media players.

The two points below explain the two main types of operating software, they are:

1. CLI – this is short for command line interface.
2. GUI – this is short for graphical user interface.

Type of O.S	The Main Functions	Advantages	Disadvantages
CLI	CLI stands for command line interface. It doesn't rely on a mouse but a keyboard. This is because when using a CLI you type in certain and specific commands to perform specific tasks. A command line interface has no pictures or icons.	To run this interface the computer requires less memory.	You have to type in commands very precisely, if it wrong the command will fail. And you will have to enter the command again.
		To use this interface the computer does not require any software such as windows seven, windows vista etc. for it to run	For a beginner it will be very difficult to use because they do not know the specific commands that need to be entered.
		It can be fast to use if you know the certain commands that you need to enter to perform the certain tasks.	The commands itself are hard to remember and some can be quite lengthy.
GUI	GUI stands for graphical user interface. It runs applications, manages	It is very easy and simple to use than a command line interface.	A beginner will have to have practice at using it before it becomes easy for them

	hardware, stores, retrieves and manipulates files and provides an interface for users. It also manages the hardware of the system.		to use. Also there are different types of GUI, some of which can be complicated to use.
		It can perform operations on windows seven, vista etc.	Compared to other user interfaces it takes up a lot of hard disk space.
		It is graphically designed making it easier to use. You do not have to enter complicated commands but instead there are pictures and icons that a user can easily use.	It also uses more processing power than other interfaces.

The operating software I used

The operating software I used in this task is called windows seven. It is the latest operating software made by Microsoft. It works on any type of computer. This includes laptops, netbooks etc. It shows me exactly what I was doing and I found it very easy to use. I found it very comfortable to use.

Differences if I used a different type of operating software.

If I used an older type of operating software such as windows 98, then the layout and design of the software will be different. It would be a bit difficult to use because it does not have all the advanced functions like the operating software I am currently using.

What would happen if I used CLI instead of GUI?

If I used CLI then it will be very difficult for me to do this task. This is because it doesn't have any graphics pictures or icons. Also I do not know any commands that need to be entered. And it will take me a long time to learn these. It would be hard to display my work because it works by entering commands and not by using the mouse to click on icons etc.

Application Software

The application software that I used in this task is:

Microsoft word
Microsoft publisher
Internet explorer
Paint

The following table states what application software I used in this task. Alongside with this it states the price of it, its advantages & disadvantages and its main functions.

<u>Name of Application</u>	<u>Price</u>	<u>Main Functions</u>	<u>Advantages</u>	<u>Disadvantages</u>
Microsoft Word	£119.99	The main function of Microsoft word is to type up documents. Whether it is letters, coursework's etc. with Microsoft word you can also create stylish titles for documents etc. it has many formatting tools to edit documents to make it look professional.	It is compatible with all computers. And can be installed on any computer. You don't have to a buy a new computer to have Microsoft word.	A disadvantage is that the program doesn't save your work automatically for you. So if you turn your computer off without saving whatever work you have done on word it will not be saved.
			It has a variety of formatting tools allowing the user to edit their work and making it look professional.	It is very expensive to purchase on its own. You can buy a package that includes more than just Microsoft word for around the same price or less.
			It is very easy to use and it is also easy to create documents such as letters, reports, essays etc.	It is not good for making web pages.
Microsoft Publisher	£119.99	It is designed to create, personalize brochures, newsletters, postcards or greetings cards. You can produce without the need of graphical experience.	It has layout guides and other templates designed for every purpose, whether it is to create a newsletter or postcards etc.	Professional printers and designers will not print work for you that you have created on publisher. In the graphics industry Microsoft publisher is not used.
			Out of all the Microsoft office suites publisher is the best for creating posters etc.	It is very expensive to purchase. It would be cheaper to purchase a package that contains more than one Microsoft suite for around the

				same price.
			It has good formatting tools that can enhance what you are creating and make what you are creating look professional.	It doesn't save your work for you. You have to do it yourself. So if you turn off your computer without saving your work then it will all be lost.
Internet Explorer	Free (Installed in your computer when purchased)	Internet can be used in many ways. It is used for communicating with others, gaming; purchasing things etc. with internet explorer you can almost do anything.	You can socialise with people and talk to your friends. You can also purchase things and pay the bill. You do not have to go out of the house.	Internet explorer is free. However you need a network provider, if you do not have a network provider then you cannot access the internet. Alongside with this you have to pay the network provider.
			It is cheap. You do not have to pay for it.	People can hack into your computer using the internet.
			You can use the internet to download and install updates for your computer.	You can get other web browsers that are better, faster and safer.
Paint	Free (installed in your computer when purchased)	Paint allows you to create pictures using tools that it provides.	It is easy to use.	It is not the best of programs for creating and editing pictures.
			You don't have to pay for it.	The picture quality isn't that good.
			It doesn't have complicated tools and functions. They are all pretty straightforward.	It doesn't have all the functions that a person may want or need.

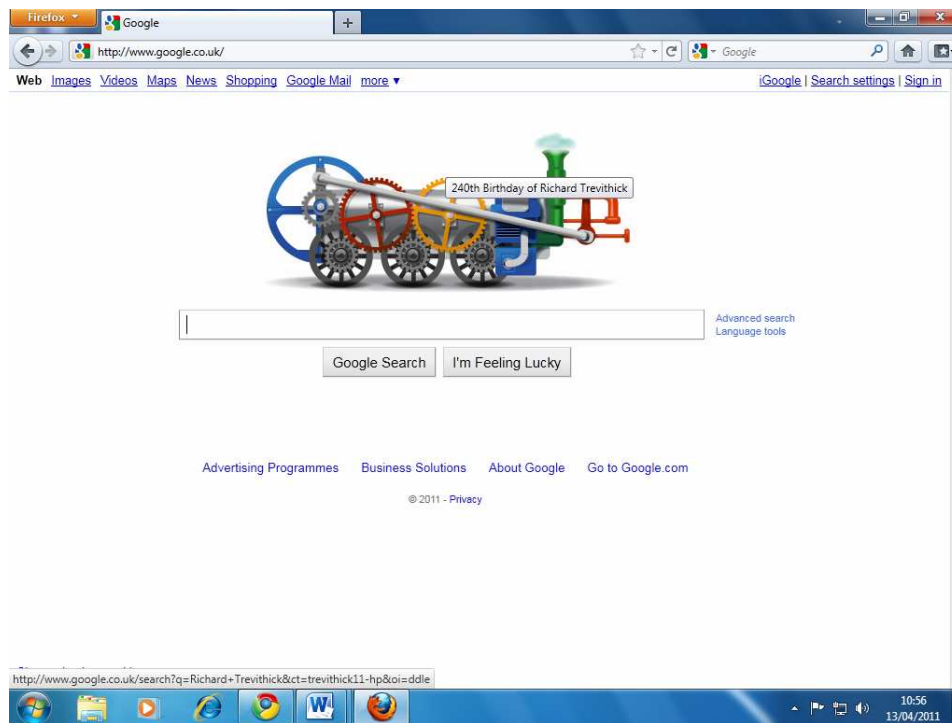
Alternatives

The following table shows what alternatives I can use for the application software I used.

<u>Name of Application</u>	<u>Alternative Application</u>	<u>The way it works</u>	<u>Advantages</u>	<u>Disadvantage</u>	<u>Difference it would make if I used it</u>
Microsoft word	open office word	Open office word has the same features as word. But along with this it also has extra features that other Microsoft programs have.	It works on all operating software's. This includes windows, mac and Linux.	It has different icons to that of Microsoft word so using it for the first time will be difficult.	Not a lot of difference would be made. The only difference is that you will not be paying for it.
			It is an open source meaning that you can alter it and make modifications for free.	Its processing speed is slower than Microsoft word. It takes longer to save and load files.	
			It is free. So you can do almost everything that you can on word for free.	It has some user interface issues and uses a lot of your systems memory.	
Microsoft publisher	Open office publisher	It works the same way as Microsoft publisher.	It is written in Java. So it does not need to be ported to other operating systems, it should run straight away on any system with a Java runtime.	People that are new to the software may find it difficult to use because it has different functions to Microsoft publisher.	The only difference made is that you will not be paying for it and its toolbar will be different to that of Microsoft word.
			It is an open source and is free to modify.	Open offices overall processing speed when editing and saving is quite slow.	
			You can do	Because open	

			almost everything that you can on Microsoft publisher for free.	office is a free application the only place you can find help and support on it is on the internet. And this information is given informally. If you have a problem and need help you will have to search the internet for an answer.	
Internet explorer	Mozilla Firefox	It is another type of web browser. It works the same as Internet Explorer.	This web browser is not targeted that much by hackers.	The forum can get really badly messed up at times; if this happens then the forum software can be barely usable.	The only difference is that the web browser is safer and there is a less chance of getting spyware. Also there is a less chance of your computer getting hacked.
			With Mozilla Firefox there is less chance of you getting spyware on your computer. Spyware results in your computer running slower than normal.	It has been reported by a lot of users that this web browser crashes a lot.	
			It is faster than internet explorer. Webpages load faster.	For first time users it might be a bit difficult to use.	
paint	Paint.net	It works the same as paint. But it has better formatting	It is better at creating and editing pictures than normal paint.	Compared to other picture editing programs it has basic editing	It will make pictures look better than it would on

		tools etc.	It cheap. So you can get pictures without paying for it.	capabilities. It works with windows only.	paint.
			It works well with windows.	It does not support layers.	



Mozilla Firefox after it has loaded a webpage

Input

The following table states the input devices that I have used and errors that can be made from it and how to correct errors.

<u>Device</u>	<u>Speed</u>	<u>Errors that can be made</u>	<u>Way to correct errors</u>
Keyboard	A keyboard is measured in wpm. This means words per minute.	Errors that can be made are that wrong words can be typed and also wrong keystrokes can be entered. Also if you are using a command line interface then wrong commands can be entered.	When typing type carefully. After you have finished typing do a spell and grammar check and also get someone to proof read your work.
Mouse	The speed of a mouse depends on how fast a person uses a mouse. However it can be measured in dpi. Known as dots per inch. This is when the computer calculates how long it takes for the computer to process what the mouse is doing and other things to do with a mouse.	You can click on wrong icons when trying to click on other icons. If it is a wireless mouse the battery may run out and also the laser may not work properly.	When clicking on icons make sure that the cursor is on top of the correct icon before clicking. Get rechargeable batteries or change the mouse to a wired mouse.
Scanner	A scanner is measured in seconds. It times how long it takes for the document, picture or photograph to be scanned and then displayed on the computer. The lower the resolution of the original paper the quicker it takes for the paper to get scanned.	The paper that needs to be scanned maybe scanned the wrong way round. Also the scanner might not be connected to the computer properly. There could also be spelling errors on the page and the page might not get scanned properly.	Do a pre-scan before scanning your work to check which way you have to scan. Also make sure that your scanner is connected properly.

Keyboard

To detect errors in my work I done a spell and grammar check. I also checked it myself and got others to proof read it for mistakes.

I corrected the errors by retyping out the words that I spelt wrong using a dictionary.

When typing I made sure that I typed correctly and I used a dictionary to help type words that I did not know the spelling of.

Mouse

To detect any errors I checked what program I had opened up. I corrected errors by checking what icon I am going to click on before I selected it. And if I selected a wrong icon I closed it and opened up the right one.

In my work I made sure that the buttons in my work were placed with spaces in between so that the buttons weren't too close. This makes it a less chance of clicking on other buttons by accident.

Scanner

When my worked had been scanned I looked a preview at it to see it had been scanned properly.

I done a pre-scan of a document to check that the document I scanned was the right way round. I also made sure that all the wires were connected properly.

I made sure that I scanned my work properly before putting it into my work.

Effects of Inaccurate Data

The table below shows the effect of inaccurate data.

Data	Effect	Way it can be prevented
Spelling and grammar mistakes in website.	Spelling mistakes in the website will make people think that the company is not a good professional company. Also spelling mistakes may get people using the website confused.	Before putting the work on the website do a spell check. Also get people to do a proof check of your work.
Hyperlinks not linked correctly	The hyperlink if misspelt may not work properly and people will not be able to use it. Also people will think that the company is not very professional	Make sure that the hyperlink is connected correctly and also spelt correctly.

The best method of checking the accuracy of data is to do a spell and grammar checks on the computer. This is because the computer is more accurate than humans. Also you could do a proof check yourself and also tell others to do it for you.

Validation

Validation is to make sure that all the information is valid and correct. It is important because if you have inaccurate data then information can be wrong and a lot of mishaps can happen. With different input methods there may be side effects that can affect the accuracy of the data.

Verification

Verification is how accurate something is and how truthful something is. One example of this is someone's personal data. If one bit of their data is not accurate and up to date then this could cause problems. Take for example someone who is booking a ticket. If the person creating the ticket gets the name wrong then the name will be printed wrong on the ticket. When the person who booked the ticket takes it to the airport and the staff there look at the name on the passport and the name on the ticket they will see that it is wrong. Staff will then be suspicious of the person doing fraud. This will also be trouble for the flight company.

Output

The following table states the output devices that I used. It also states its advantages and disadvantages along with how it works and the best place to use it.

<u>Device</u>	<u>Type</u>	<u>The way it works</u>	<u>Advantages</u>	<u>Disadvantages</u>	<u>Best place to use it</u>
Printer	Laser	A laser printer uses a laser to print out documents and images. Inside the printer there is a laser light beam which beams onto the paper during the printing operations creating the document or image.	Models are quite light and do not take up a lot of space wherever placed.	After a document has been printed it is slightly wet. So you have to wait time for it to dry.	The best place to use it is in an office.
			It rarely produces any sound.	They are more expensive than other printers.	
			It is very fast at printing and is better at printing compared to other printers.	It uses a lot of voltage; this is hazardous to the atmosphere and your health.	
	Inkjet	It uses ink to create documents. It works by placing tiny droplets of ink onto paper to create the document. These dots can have colours combined together to create photo quality images.	They are not very expensive.	Its ink runs out quickly. They need to be refilled frequently.	Used in homes a lot of the time.
			You don't have to pay for new ink cartridges; you can just refill your old one.	The ink cartridge can dry up if not used for a long time.	
			They take up small amounts of space.	They are quite slow	
	Dot-matrix	It is a printer that consists of nine to twenty four pins. A number of pins are struck onto	It is cheap to repair.	Not all Dot-matrix printers can print out colour documents. And the ones that do the colour come out faded and	Used in factories.

		the paper creating an image or document.	It is cheap to operate. You only have to change the ribbon.	streaky. It has low resolution. You can see the dots making up the document.	
			It is cheap to purchase.	It is quite noisy.	
Monitor	TFT	On a TFT monitor there are three main colours used, they are red, green and blue. They are mixed together to create other colours. This improves picture quality.	Fewer glares are produced from the monitor, reducing the risk of eye strain.	The screen can become damaged quickly and easily.	Mainly used in offices and homes.
			The display is better than is better qualities than CRT monitors.	They can be expensive depending on how big a screen you want.	
			Takes up less space.	Sometimes the monitor can form dead pixels. This is pixels that remain one colour or stay black.	
	CRT	A CRT monitor contains millions of tiny red, green and blue phosphor dots that glow when struck by an electron beam that travels across the screen to create a visible image.	They are capable of displaying detailed and vibrant colours.	It uses a lot of power. More than a TFT monitor.	They are mainly used in homes.
			They also have high resolution.	If it needs to be repaired it will be difficult due to its complex design.	
			They are more affordable and cheaper than TFT monitors.	It is big and takes up a lot of space on the desk.	

In my task I have used the best possible output devices. It affected my work by improving the picture quality. It also made it look more professional. I have used devices such as an TFT monitor and laser printer.

Conclusion

The system I use for this task I think is the right one. This is because it contains all the hardware that is needed. I think that it is good and has the requirements that Satia Tours will need. Also the system is easy to use. I didn't need any extra hardware for this task, everything I needed was there.

Choosing and Describing Applications = 3
Describing using Hardware = 3
Describing using Software = 3
Characteristics, Benefits, and drawback of each system = 6

Demonstrate use of Input Methods = 1
Comment on their speed, accuracy and validation = 4

Describe your system outputs = 1
Comparing Output devices Alternative outputs and drawbacks to your system= 4