

**Analysis**

The hardware that I will use for the project will be as follows;

Hardware Device	To be used for...	Type of device	Why being used?
Mouse	Scrolling and navigating the screen. Clicking buttons.	Wireless	So that I can move around and manipulate the screen.
Monitor	Viewing the information	Flat screen	So that the users can see what they are meant to be looking at
USB sticks/CD	Store the information so that it wont be lost	External Memory	So that the data wont be lost or stolen.

The computer I have chosen is the Dell Small Business Dimension 8300. The computer has Windows XP Professional, an Intel Pentium Processor 4, and 250 GB of memory.

This computer is perfect for the job it is fast and reliable. Everyone will be able to use it, as the package is easy to us.

The computer also comes with a 19” monitor; this will be useful, as it will help display the information clearly.

**Software**

There are many different software packages available so that the viewing of mopeds will be successful. There is only one package that meets the needs of this desired task. I will compare each software package and see which the best one will be.

Software Package	Advantages	Disadvantages
Microsoft Word	You can make each page contain its own separate piece of information, with the first page having a contents page so that you can look up the page number needed.	You will have to scroll through every page looking for the page that you want, and this could take a long time.
Microsoft PowerPoint	You can create macros to go to different screens. There are a vast amount of themes to choose so the form is presentable. You can input sounds, movement and even movies. You can make tables and grids.	
Microsoft Excel	You can use the tabs at the bottom of the page to create different pages with different bits of information. You can also name these tabs so that you can easily navigate.	You will have to look through all of the tabs to find the page you want, and this could exceed 30 pages.

### **Choice of Software**

I am going to use Microsoft PowerPoint as it has all the right tools to make the mopped show organized but also presentable. Using PowerPoint will help the users find the moped they are looking for quickly and easily. PowerPoint has many useful features, such as:

Useful feature	What used for...
Hyperlinks	These will be used for quick access to navigate from screen to screen. They take you to a designated screen once that word or picture is pressed.
Hot Spots	These are similar to hyperlinks but once scrolled over with the mouse you will automatically be taken to screen without the need to click.
Animations	This enables the words/pictures to move around the screen to help make the screen come to life.

### **Key Features**

As you can see from the table above there are a lot of great features we can use in the slideshow. These would be very easy to use and most people using the system would be able to use them. I can use animations and hyperlinks to display and navigate the data easily and anyone will be able to use the slideshow without any problems. This is why I have chosen to use Microsoft PowerPoint to create the perfect slideshow for Mr. Smith.

### **Data collection and input**

The moped information will be collected from various different websites that hold this information such as the moped home page. The pictures will be collected from either a picture website or the same place I get the information from.

### **User Input**

The user will only use the system to view what is on the screen. They wont be editing the work that is on it, but using it to have a look at the information. They will view the work by means of the mouse and screen only.

### **The different outputs**

There are two main outputs that Mr. Smith will be using with my slideshow.

OSD (On Screen Display), this will be the main output for Mr Smith, as 90% of the time the computer will be used for viewing what is on there only, and not for doing anything else.

Saving to CD (Compact Disk), this will be useful as it means Mr. Smith will be able to transport the data on one disk and with a CD they can be put onto another computer away from where it is saved.

### **Backup strategies**

As we are using a computerized solution, we need to make sure that information that is on the system do not get lost or deleted. To help save the data from getting lost it would be wise to save it on an external drive away from the computer, possible in a

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different building entirely incase of fire or theft. I wouldn't expect it to be greater than 2 MB. In this case it would be wise it either get a floppy disk (1.44 MB) until there is no space left on it, then we could consider getting a USB stick that holds around 8 MB. These solutions together should not cost in excess of £10. If we want to be more technologically advanced then we could get hold of Norton Go-back, which is a program that allows you to restore a previous start-up if the computer, lets say, doesn't work because a virus entered it. In this way you do not lose the information held on the computer and the computer could still be used but is being rebooted from a previous date. I could give a copy of the backup to the major so that he also has a record on how things are getting on.

### Security

There will be virus protection software installed onto the computer so that if a virus makes it onto the computer it will be found and deleted, without causing any damage. There will also be usernames and passwords on the computer so that only people that Mr Smith wants to log on can.

### Data Flow

