

2a. One advantage of the computerised information system at UMC compared to a paper based record is the ease of editing of patient records to provide records that are accurate, up-to-date and detailed.

One disadvantage is the amount of computer skills required to be learnt to be able to use the computer ^{access the} ~~and~~ computerised information. For a paper based system, editing is difficult but using it is fairly simple.

b. If the UMC ~~was~~ has many patients storage ~~or~~ requirements will require ~~more~~ a higher number of storage devices. This results in a higher consumption of environmental resources. Furthermore the data needs to be ~~backed up~~ backed up regularly, so if the system fails it can be ~~recovered~~ recovered.

Depending of the storage medium the retrieval of data will require sequential or direct access. If the

Storage medium uses sequential access thus access time is prolonged.

Operating on a LAN, the business requires a file ~~manager~~^{server} to allow the doctors to access their patient records. The display of images in the information system needs a high quality monitor for better resolution. A high memory video card is required to decrease processing time and thus also produce quality images that the doctors require for diagnosis. This improves the efficiency of the business.

- c. The receptionist and doctors would have different views of data since the data required by their purpose of the occupation differs.

For the receptionist the responsibility is to arrange and book appointments for the doctors. Thus her screen would contain appointment time and minor details about the patient

For the doctor, a medical history is required for the patient's diagnosis and similar things. ~~Thus~~

The view of data for a doctor is also more detailed so the doctor is able to make an informed decision. This is why the receptionist and doctors would have different views of the data.