[**Issues associated with defining an information system**](https://moodle.rnngroup.ac.uk/mod/assign/view.php?id=93694)

Inside this document, I will go over the issues with defining an information system with topics that include,

* where the information will come from
* the cost of putting a system into action
* adding old data to the system efficiently
* making the system cost-effective
* will the system pay for itself?
* Backing up information
* Efficiency of the system
* New staff members
* Maintenance

Information

When gathering information there can be issues with duplicate information from multiple sources which would cost the company money by wasting time and effort if implemented twice without noticing therefore there needs to be a worker checking the notes for duplicate copies before transferring.

Cost

The cost of a system can be expensive depending on how up-to-date the system is, how many members of staff are required how much they are paid per hour and how long it takes for the system to become active so a plan will be required before attempting to creating a new system to work out the most cost-effective way, another topic to consider is how much does this system make in a net profit for the company will it pay for its self over a 2 to 3 year period as the system will become out of date by the next 3 years.

Adding old Data

Adding old information from paper to system can be very time consuming and tedious so for this to be viable you may need a machine to read the paper base text and implement it to the database of the system but this may be a costly route another method to be considered would be to hire staff for a low wage if it is ideal for the workload.

Efficiency

Another issue could be after putting the system into action it may be less efficient than the old system it could take twice as long to produce something than it did prior negating the fact of a new up-to-date system being worth implementing as it would lose revenue over the long run.

Maintenance

The system needs to be understandable and up to date as not all maintenance workers will know how to use an older format such as PHP as it isn’t taught as often to newer learners so the system will take longer to repair causing downtime and losing revenue in the long-term during each breakdown if there is any, so it will be ideal to use something more commonly taught such as c#, c++, Java to speed up the repair process saving time and money.

New staff

Training new staff will be costly and will take time for them to become up to speed with navigating the system which again will make the company lose revenue to combat this group training could be more efficient and cost-effective.

Back up

At the end of each day a system backup will need to take place to save existing and new data in case of corruption this can be time-consuming so there needs to be a schedule that automatically takes place after work hours but if the system crashes when no one is at the office to restore the system information could be lost or it could cause issues overlapping information such as appointments, deadlines, details.