

Interview Questions

1. What does the current system do?
 - Multiple excel spreadsheets that list all the AV equipment
2. What are the problems or drawbacks of the current system?
 - There is no notification system
 - Data is easily out of date.
3. How much data is currently recorded?
 - Current data stored is the item name, its location, the quantity and it's value.
4. What extra data will need to be included?
 - PAT testing's
 - Current location
 - The item's usable state (working, in need of repair, being repaired etc)
5. How frequently will the data need to be updated?
 - The data will need to be updated a few times a month or so
 - Whenever the location changes
6. Will new records need to be added or deleted? If so, how often?
 - New records will need to be entered, or some deleted every couple of months.
 - Whenever new equipment is bought or if an item is sold
7. How important is the data or information that is to be recorded?
 - Data is of high importance as it will be kept as a record for insurance in case of theft or damage
8. Are there any algorithms that are going to need to be implemented?
 - The number of a single item there is at a particular location
 - The total number of that item altogether
 - The sum of the values those individual items (value per unit * quantity)
9. When are the algorithms going to be run?
 - These will need to be run when there are new items added/removed to a group

- of the same item
 - If the value of an item changes
10. What inputs are required for the proposed system?
- Inputs are likely to be text, numbers and currency
11. What outputs are required for the proposed system?
- Outputs are likely to be the same as the inputs
 - Notifications of when PAT tests are in need or reissue
 - Notifications when an items location or quantity is changed
 - A print function would be necessary
12. Are hard copies required?
- Yes, hard copies would be required a visual backup.
13. Are back dated records required?
- Yes, for insurance purposes
14. How long are these records going to be kept?
- We will keep back dated records for a year
15. How are these records going to be stored?
- We will store them electronically on the file server
16. How often will outputs be required?
- Outputs will be required whenever possible
17. What computing resources do you currently possess to aid the new system's operation?
- We currently have a Mac Pro that we use as a file server. This is where the database system will be placed.
18. Is security an issue?
- No, security is not an issue, although the data would need to be backed up.
19. Should there be restricted access to certain areas?
- No, restricted access is not needed.

20. What errors and exceptions will need to be reported in the new system?

- I'm not 100% until we start testing the system.

21. How should these errors and exceptions be reported?

- Errors should be reported to you either via email or another notification method.

22. Are there any constraints on hardware, software, data, cost or time?

- No budget, time deadline is flexible and we'll adapt to whatever software/hardware resource available.