

## 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  - Data is easily out of date.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.