**Interview Questions**

1. What does the current system do?

* Multiple excel spreadsheets that list all the AV equipment

1. What are the problems or drawbacks of the current system?

* There is no notification system
* Data is easily out of date.

1. How much data is currently recorded?

* Current data stored is the item name, its location, the quantity and it’s value.

1. 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)

1. 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

1. 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

1. 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

1. 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)

1. 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

1. What inputs are required for the proposed system?

* Inputs are likely to be text, numbers and currency

1. 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

1. Are hard copies required?

* Yes, hard copies would be required a visual backup.

1. Are back dated records required?

* Yes, for insurance purposes

1. How long are these records going to be kept?

* We will keep back dated records for a year

1. How are these records going to be stored?

- We will store them electronically on the file server

1. How often will outputs be required?

* Outputs will be required whenever possible

1. 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.

1. Is security an issue?

* No, security is not an issue, although the data would need to be backed up.

1. Should there be restricted access to certain areas?

* No, restricted access is not needed.

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

* I’m not 100% until we start testing the system.

1. How should these errors and exceptions be reported?

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

1. 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.