

Specifications related to context considerations

1. Content – All of the content must be chosen carefully, my client doesn't want to have content that is not needed or appropriate for the database. The content must be correct; if there is many mistakes it looks unprofessional and would not only frustrate my client customers but my client and stakeholders. So, my specifications relating to content are:
 - Choose data wisely. ①
 - Check the data more than once.
2. Accuracy – All of the data must be accurate; we need to insure that it is correct for my stakeholder, clients and the wider community. If the data is not correct then this could harm the business as prices could be entered wrong; therefore items would not be sold or you could end up even possibly losing money. The profits needs to be set up efficiently to show accurate results as these are some of the most important things to my client, they are kept for business reasons and if something was wrong then it wouldn't all add up and my stakeholder may think he has lost or made more money than he actually has. To make sure that the data is accurate my stakeholder and myself will have to double check all the information and also test all functions, as they need to be accurate as well. So my specifications relating to accuracy are:
 - Correct codes need to be entered in the spreadsheet to insure that profit is calculated correctly.
 - Double-checking data entries to insure the information.
 - Testing needs to be carried out with the functions to insure they work.
3. Maintenance – The information in the database needs to be kept up to date at all times, this way my stakeholder can continue to add data into the database and take old data from certain parts of the database and put it into another part if it has sold. The data needs to be reliable to the customers of my client, as we do not want them to purchase something that has already been sold. Therefore, my client and stakeholders must update the database regularly; they need to know how to do this and if they don't then I will have to teach them certain skills. So my specifications relating to maintenance are:
 - Kept up to date and easily without requiring too much effort ③
 - Reliable data
 - Teach of write a guide on how certain things will work in Microsoft Access
4. Usability – My client and stakeholders must easily access the tables, queries, reports and forms created on Microsoft access so that they can efficiently find the information they are after. To do this I must name the tables, queries, reports and forms carefully so that my user does not get confused. In the long run this will save a lot of time sorting through the data to find what they are after and make it easier to navigate. The usability also has to be easy for my clients' customers to use; so that they can view the items for sale, and if they are looking for something specific. E.g. made in a certain era then this information can be easily found, without frustrating the customer.

The colours used on the database need to be simple, fresh and modern; it can't be over the top and several colours can't be used, as it will discourage customers of my clients form wanting to look at the database again. This would also impact the usability of the database as the colours could come across and 'distracting'. If the usability of the database is not easy to use then it affect the functionality. The colours should be silver, black or maroon, possibly even a combination of these, as they represent Silver Service Antiques. The database needs to be readable for all ages, although mainly 30 and over people will be accessing the database. Therefore I have to make sure that the layout is set out in a way that will not confuse people and that the font is at an appropriate size. ④

My client has specified how many tables, reports, forms and queries he wants. I must make sure that

they are all easy to use and that the appropriate people can access them. Certain parts of the database will be locked and have a password you have to enter to see the database; this will not be used by people other than my client and stakeholders; so the usability is limited but it has significant importance to my client and stakeholders; so the usability is limited but it has significant importance to my client and he doesn't want certain data to be dished out to the public.

When a macro is run for examples, we need to make sure that the user knows that the macro has been done, therefore we could display a visual image when it has run, and perhaps a note that says "complete". To prevent errors by making yes/no fields, lookup wizards. Use things that will limit their choices!

So my specifications relating to usability are:

- The databases, queries, reports and forms should be named appropriately.
- The database needs to be easy to navigate
- The colours used should be silver, black and marron, or a combination
- The font should be of an appropriate size and font
- The number of fonts should be limited
- Security needs to be set up for some parts of the database; it needs to work.

5. Layout – The layout needs to be easy to navigate and must have a simple layout so that it is not distracting for the user. From consulting with my client and stakeholders I have discussed the colour theme they would like, these being: maroon, silver or black (or a combination). They want the tables, forms, reports and queries to be named carefully so that they are easy to find and it's more efficient for the user of the database. A consistent layout gives a much cleaner and tidier outcome.

My client doesn't want any visual graphics; he just wants a database where he can input the data. He is in his 50's and wears glasses so the text size must be readable at a size 12. **5**

So my specifications for layout are:

- Easy navigation
- Clean fresh layout in the colours maroon, silver, black or a combination.
- No visual graphics
- Font size 12pt.

6. Security – I need to make sure that the security of the database is up to the standard that my clients wants. However, only certain parts of the database should be locked; I need to relearn this practice, as it has been a while since I have done this. The password must not be easy to guess and must be only know by my client and stakeholders.

So, my specifications relating to security are:

- To make sure that I know how to lock the database.
- Password has to be hard to guess. **6**

7. Functionality – the database will not be run on the Internet, but on my clients home/work computer. The database will be created on Microsoft Access; my stakeholder may want to export some data into Microsoft Excel. The database must simple so that the functionality of the database is easy to use.

Things must be set out appropriately within the database. The functions of the database must work e.g. macros, if they do not work then it will be annoying for my client and they would not be satisfied, therefore testing needs to be done by myself and my client regularly to insure that the macros or any other functionality's such as drop down boxes work.

So, my specifications relating to functionality are: **7**

- Database needs to be accessed on a work/home computer of my client
- Testing the functions myself and by my client.