

Database Project Software Library

Your school has developed an extensive range of software over the past few years, but it does not have an effective way of managing that software so that everyone in the school knows what is available. You have been contracted to set up a database so that the school can manage its software library and provide information about its software to the school community. The school will need to be able to:

- Edit and maintain the software library.
- Display lists of software for:
 - The software that a particular Subject Area has, (for example, Maths).
 - The Windows software and the Macintosh software.
 - The software that is available for use by 25 users or more.

Investigation

Look at the list of Software provided on the following page and work out what fields will be required, their type and width

Designing

- 1 Draw a list of the fields that you will be entering to the database. Included the field type and the field width if your database required that setting.
- 2 Draw a Layout Structure Diagram to show how the different layouts (tables, forms and reports) will be linked.
- 3 Draw Layout diagrams to show how you intend the different layouts (tables, forms and reports) to look.

The Solution

- 1 Enter the fields into the database.
- 2 Create a data entry screen (form) and enter the data.
- 3 Produce reports to satisfy the requirements of the Software Library.
- 4 Sort your reports into appropriate orders and print a copy of each report.

Evaluation

- 1 How does creating a software library make the managing of the school's software more efficient?
- 2 How does creating a software library make the managing of the school's software more effective?
- 3 What addition fields could be added to the database to enhance the value of the Software Library? Explain you answer.

Software Data