

This database has been developed in Microsoft Access. The client is a French teacher who wants an electronic borrowing system for her student DVD collection.

It is based on an example in the text book 'Developing databases with Access' written by Graeme Summers.

The relational database consists of 6 linked tables.

Techniques have been used to minimise errors at data entry.

In the LOANS table the TIME OUT field has a data type DATE TIME and it defaults to today's date

In the DVDs table the RATING field defaults to G and a validation rule limits the codes that can be entered.

In the POSTCODES table the POSTCODE field has an input mask of 4 zeros limiting input to 4 numbers

The REPORT LIST OF DVDS has a formula to count the number of copies. This report is based on the query ALLDVDs

The REPORT OVERDUES is based on the QUERY OVERDUES. Here you can see the calculated field and the search criteria.

The REPORT FIND A TOPIC allows the user to input a choice (food) The header in the report is set up to capture this input. This report is based on a parameter query.

The user friendly STUDENT DATA ENTRY form allows the user to search by surname. The LOANS button shows the items on LOAN to this student. Other user-friendly features include a help button and exit button. Design view shows that there is a macro attached to the SEARCH button and a macro attached to the LOANS button.

Via the CHECK BORROWING button it is easy to check DVDs on loan to a student using a drop down list.

The ADD/EDIT DVDS enables addition of new DVDs or search on the collection.

Further information can be found in the accompanying report under Criterion E.