

## Database project assessment: Inquiring and analysing

You are asked to complete all the tasks in the “Database project file” before starting the assessment. Write a report about “types of computers” and use your research to create a design brief for a table to add to the existing database.

The **computer\_science\_database** does not have information about what types of computers there are. This is important for understanding what computers there are and what they can be used for. You need to record your research and explain which parts of your research should go into the database. You need to write a design brief that explains what would need to go into the “types of computers” table. This should be the fields needed and some example records. You should refer to your research to explain where your ideas came from.

Your report should have....

- ✓ A title and a header or footer with your name in it.
- ✓ An explanation of what the research is for and why it is important
- ✓ A list of research done, what was found and why it would be useful information for the database
- ✓ A design brief for the types of computers table

### Assessment guidelines:

| Level | Level descriptor: The student.....   | For example  |
|-------|--|--|
| 1–2   | i. <b>states</b> the need for a solution to a problem<br>ii. <b>states</b> the findings of research.   | In the report there is a statement of the problem of creating a table for types of computers. There is at least one type of computer researched.   |
| 3–4   | i. <b>outlines</b> the need for a solution to a problem<br>ii. <b>states</b> the research needed to <b>develop</b> a solution to the problem, <b>with some guidance</b><br>iii. <b>outlines one existing</b> product that inspires a solution to the problem<br>iv. <b>develops</b> a <b>basic</b> design brief.   | In the report the importance of the table is outlined and relevant websites are listed with indication of what they contain.<br>One of the websites should be an existing list of types of computers and this should be indicated.<br>The design brief contains at least two fields (e.g. computer type, description)  |
| 5–6   | i. <b>explains</b> the need for a solution to a problem<br>ii. <b>states</b> and <b>prioritizes</b> the main points of research needed to <b>develop</b> a solution to the problem, <b>with some guidance</b><br>iii. <b>describes</b> a group of similar products that inspire a solution to the problem<br>iv. <b>develops</b> a design brief, which <b>uses</b> the <b>findings</b> of relevant research    | In the report the importance of the table is explained and relevant websites are listed with indication of what they contain and whether the information would go into the database<br>Two of the websites should be existing list of types of computers and these lists should be described and used to inspire the design brief which organises the information into at least three fields with data types specified   |
| 7–8   | i. <b>justifies</b> the need for a solution to a problem<br>ii. <b>states</b> and <b>prioritizes</b> the main points of research needed to <b>develop</b> a solution to the problem, <b>with minimal guidance</b><br>iii. <b>analyses</b> a group of similar products that inspire a solution to the problem<br>iv. <b>develops</b> a design brief, which <b>uses</b> the <b>analysis</b> of relevant research | In the report the importance of the table is explained with reasoning. Several relevant websites are listed with indication of what they contain and why the information should go into the database.<br>Two of the websites should be existing list of types of computers and these lists should be described and compared. They must be used to inspire the design brief which organises the information into at least three fields with data type specified and example records taken from the research |

Hand in (named) –Completed database project file, report including record of research and design brief for table.