## ICT @ Brooke Weston Academy

Unit 06 (AO8) – Advanced Databases

**Evaluate the Database**

**Scenario**

Cube Systems need help handling the sales of their customised computers and software.

* Based on the scenario provided within AO1 and the database system implemented within AO2, you now need to **evaluate** the database system.
  + Here are a **few key points identified** within the AO1 Scenario:
    - Cube systems would like a ***fully functional and automated database*** system which could incorporate:
      * A **system selection page** – where the user selects what the customer requires.
      * An **order page** - Customers choose the configuration of computer based on multiple choices such as the speed of the processor, size of the RAM, monitor or hard drive and software they want.
      * Certain options do attract discounts and customers have
      * delivery options such as next day, 2 day or 4 day which all have different price points – if the customer spends over a certain price point they will get free delivery.
      * An **invoice page** – where all of the customers information can be printed out from.
      * A **price page** – this could include analysis of how many has been bought of a particular product, how much profit is made on each part or any other information you can justify.
      * Although not essential they said a ***record page of all customers*** and their ***purchases*** would also be nice so that totals could be worked out and customers traced.

Focusing on the designs created for a database system to manage the sales/orders of Cube Systems, you need to provide evidence for the system implemented based on the:

* 1. Evaluate based on Purpose and Audience
  2. Evaluate based on User Requirements

Basically, you need to:

**Evaluate System**

**Evaluate based on Purpose and Audience**

1. ***(Task 1)* -** Produce an evaluation on your database that focuses on the (case study you created in A01):
   * **purpose and audience**
   * **user requirements**

For a PASS, you need to ensure you refer back to the **purpose and audience** case study you created in A01. Use the subheadings:

* + How I met the purpose
  + How I have helped the audience

For a MERIT, you need to ensure you have produced a **detailed evaluation**. You must refer back to ***how the database operates*** and ***how this meets the end user requirements***. e.g. – how does having conditional formatting help the end user. Use the following subheadings:

* + How does the operation/functionality help the end users
  + How the database can be improved

For a DISTINCTION, this needs to be a **very comprehensive evaluation** covering ***all aspects of the purpose and audience and all aspects of its operation***. Explaining **how this meets the end users requirements**.

* + You must also **suggest detailed improvements** and **recommendations to improve the operation** and subsequently ***how this will increase the meeting of the end users requirements***.

**See “Unit 06 – AO8 - Evaluation Template” for a guideline of what is expected for this documentation**