## ICT @ Brooke Weston Academy

Unit 06 (AO7) – Advanced Databases

**Test 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 **test** 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. User Requirements Test
  2. Test System

Basically, you need to:

**Test System**

**User Requirements Test**

1. ***(Task 1)* -** Explain **how** you have ***met the end user requirements***. Explain how the **functionality** and **operations work**.
   1. Remember ***look back at your purpose and audience*** and **justify** why you have produced the database.
   2. ***Explain how you have met the users needs***.

**Test System**

1. ***(Task 2)* -** Create a **test table** to cover the ***main areas of your database.***

**See “Unit 06 – AO7 - Testing Template” and “Unit 06 – AO7 - Test Plan Template” for a guideline of what is expected for this documentation**