Foxford Learning Plan

YEAR 12

ICT – Unit 2 Creating System– Learning Aim B

Design & Documentation

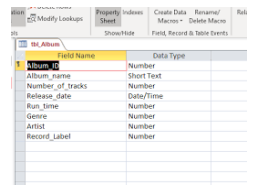
Spring 2

Key Vocabulary

Data Structure	It is a special format for storing data to serve a particular purpose
Naming Convention	It is a generally agreed ways for naming things, it useful information to be deduced from the names based on regularities
Data Dictionary	A set of information describing the contents, format, and structure of a database and the relationship between its elements
Presenting Data	The way and methods data has been stored or produce in a clear logical format
User Interface	A user's ability to access the system or end product
Test Plan	It involves checking things such as the structures, tables, also checks data integrity and consistency
Criteria	A query criterion is an expression that compares field values to determine whether to include the record that contains each value
Record	A field that derives its value by performing a function on values from other table fields
Relationship	A relational database is made up of more than one table and these tables will be linked together by certain fields. Where these fields are linked, this is called a relationship
Report	Report is used to export data and present it in a way that is easy to read

Key Skills

Over the course of the topic, I will be able to: -
Create suitable data structure
Use suitable name for tables, queries, forms and report
Produce data dictionary for the tables
Store data in a correct format
Create user friendly interface
Select relevant criteria for the given queries
Select records from more than one table for a query
Create suitable report





I will Understand

1. Data structure and the purpose
2. Why appropriate names should be used for the objects
3. Data dictionary and the elements
4. How to store data using input mask or data format
5. The features that can make user interface accessible
6. The good table structure will help to produce good queries
7. Report can be produced in different format