

Project 2 Specification

Faculty	Information Technology	Module Name	Database Design Concepts
Module Code	ITDDA0	Project Number	2
Total Marks	60	Copy Editor	Ms Nicole Stern

Instructions to Student

1. All work, including draft notes, must be submitted with the completed project.
2. The program must be operational with as few faults as possible.
3. 10% will be deducted from this project if it is returned for resubmission due to plagiarism.

Plagiarism and Referencing

Consult the section at the end of this document, which outlines how negative marking will be applied as well as the way in which it will affect the assignment mark.

Section A

Question 1

60 Marks

Tyger Valley Pet Shelter (TVPS) receives food donations from a group of pet food manufacturers. TPS relies on each manufacturing company for a particular need. For example, Veggie Land supplies all the vegetables and Premier Seed Suppliers supplies all the seeds.

The different food types are allocated to the animals according to their category. For example, food type 'seeds' is allocated to category 'Birds', while food type 'vegetables' is allocated to the categories 'Mammals' and 'Birds'.

Each animal category is subdivided into different pet types. For example, the mammal record could relate to pet types 'Dog' and 'Cat'.

TPS has recruited you to be their database designer. The database will store information on their suppliers, food types, animal categories and pet types:

Record a unique ID, company name, contact number and possibly an e-mail address for each manufacturer.

When recording information about the different food types, ensure that the expiry date is also stored.

When recording how much food will be allocated per animal category, specify the quantity and the unit of measurement as two separate fields. For example, if 8.5 kg of Roast Chicken Pellets is allocated to category 'Mammals', '8.5' and 'kg' will be two different fields.

The number of pets for each pet type must also be stored together with the pet type so that the number is known for each category. For example, there are 10 dogs and 20 cats for category 'Mammals', or 40 parrots for category 'Birds'.

End of Question 1

Section B

Plagiarism and Referencing

Eduvos places high importance on honesty in academic work submitted by students, and adopts a policy of zero tolerance on cheating and plagiarism. In academic writing, any source material e.g. journal articles, books, magazines, newspapers, reference material (dictionaries), online resources (websites, electronic journals or online newspaper articles), must be properly acknowledged. Failure to acknowledge such material is considered plagiarism; this is deemed an attempt to mislead and deceive the reader, and is unacceptable.

Eduvos adopts a zero tolerance policy on plagiarism, therefore, any submitted assessment that has been plagiarised will be subject to severe penalties. Students who are found guilty of plagiarism may be subject to disciplinary procedures and outcomes may include suspension from Eduvos or even expulsion. Therefore, students are strongly encouraged to familiarise themselves with referencing techniques for academic work. Students can access the Guide to Referencing on *myLMS*.

Negative Marking

- At the discretion of the marker, if a student has committed plagiarism, an immediate 0% will be awarded for the project and 10% will be deducted from their next submission.