

Portfolio Assessment 1 – Conceptual Design

Assessment Guidelines

An animal doctor service practise is to have its records computerised and you have been given the job of designing and implementing a database for this purpose. You are to produce a conceptual design based on the requirements. You should also include a diagram script that lists the entities, attributes, synonyms and the relationships.

Scenario - ANIMAL DOCTOR SERVICE

The practise has four branches: London Rd., Loughborough Rd., Newark St. and Marsden Lane. Details of equipment available at the branches, along with full postal addresses and phone numbers are filed by the secretary of the practise.

A number of staff are employed by the surgery, these include veterinary surgeons, veterinary nurses, a secretary and a number of cleaners. The nurses, cleaners and secretary are based at particular branches, and always work there, but the veterinary surgeons can work at any of the branches.

Various details of jobs types and job descriptions, salary ranges etc. are filed as well as names, addresses, phone numbers, start dates etc. of all staff.

Animal owners that use the practise always use the same branch and consist of names, addresses, phone numbers and pet details, all currently kept on record at that branch.

Every animal visit to the branch records details of the visit such as date and time of appointments, the attending veterinary surgeon, any diagnoses, advised treatment and any drugs prescribed.

A drug file is used to add a new drug used by the practise with relevant information so that the secretary can be able to re-order suitable quantities when necessary.