

Assumptions on Conceptual Model — Pets First

Group: A01 Group015

Assumptions about VET:

We added `vet_specialisation` in the entity of VET in order to prevent the redundancy because specialists are part of the vets, and if we make the vet and specialist into two entities, the information such as the `specialist_id` is a surrogate key so it can't be shown in the table.

Assumptions about date_time:

It is assumed that the `date_time` including the `train_date_time`, `visit_date_time` is specific to a certain point in time on a certain day like 10PM ,17August 16, 2023. So that we can know that if we know the `date_time`.

Assumptions about TRAINING:

It is assumed that if we know the `train_date_time` and know the `vet_id`, we can exactly know which and where the training will be held, because every vet has unique id, and a given training session can be only run by a single specialist at a single clinic.

Assumptions about VET and TRAINING:

It is assumed that a vet can provide no training session because the vet may not be the specialist, and one specialist can provide many training in one specialization. So, the minimum would be zero and the maximum would be multiple.

Also, it is assumed that we should only focus on the vets who provide training but not the vets who accept the training, so in the diagram, we just showed the relationship about the vets who gives training.

Assumptions about CLINIC and TRAINING:

It is assumed that some of the clinics may be far away from the city or the clinics are new opening, so there would be no training held in those clinics. Also, many training can be held in the clinics, so the minimum would be zero, and the maximum would be multiple.

Assumptions about CLINIC and VISIT:

It is assumed that some of the clinics may be far from the city or new, so there would be no visit at first, and many visits can take place at one clinic, so the minimum would also be zero. and maximum would be multiple.

Assumptions about PET and VISIT:

It is assumed that a pet is only recorded on its first visit , and one pet can also have many visit to the clinics, so the minimum would be one ,and the maximum would be multiple.

Assumptions about PET and VISIT:

It is assumed that If the pet is not very sick, the doctor does not need to prescribe medicine for the pet, so the minimum would be zero. However ,if the pets get a serious sick, the pets need many drugs, so the maximum is multiple.