The pets’ clinic

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# App description

Our goal regarding making improvements to the application is centered in the medical part of it. On one hand, we want to implement *Medical Record* which will contain data about the health of a given pet*, Interventions*, which will be another kind of a visit, but only for medical operations, and *Medicine*, which will contain the data of a given drug. We will also implement *Trainers* in order to give rehabilitations to the pets. At last we will implement an *Adoption* system, which will help to find a house for stray pets.

# Involved entities in the web application

## Attributes

1. Medical record

* startDate
* endDate

Relationships: Pets

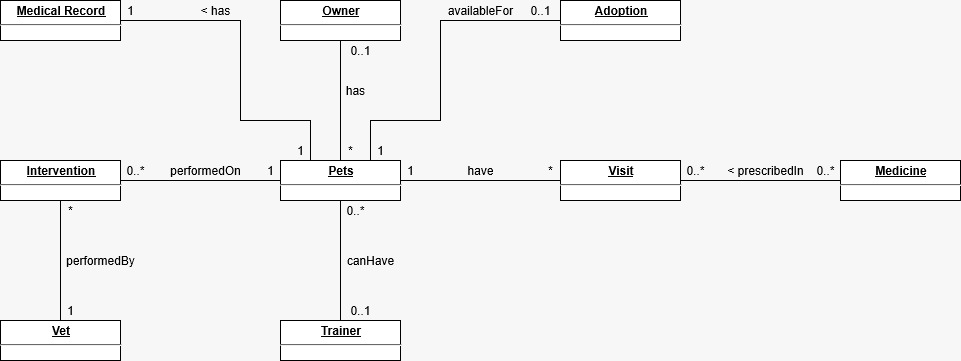


Figure 1 Involved entities

1. Adoption

* dateTime

Relationships: Pets

1. Intervention

* Date
* Time
* Description

Relationships: Vet, Pets

1. Medicine

* Name
* Expiration date
* Maker

Relationships: Visit

1. Trainer

* Name
* Contact email
* Contact name

Relationships: Pets

1. Adoption

* Date

Relationships: Pets

1. Pet

* BirthDate

Relationships: Medical record, Owner, Adoption, Intervention, Trainer, Visit

1. Owner

* Address
* City
* Telephone

Relationships: Pets

1. Visit

* Date
* Description

Relationship: Pets, Medicine

# Entity diagram

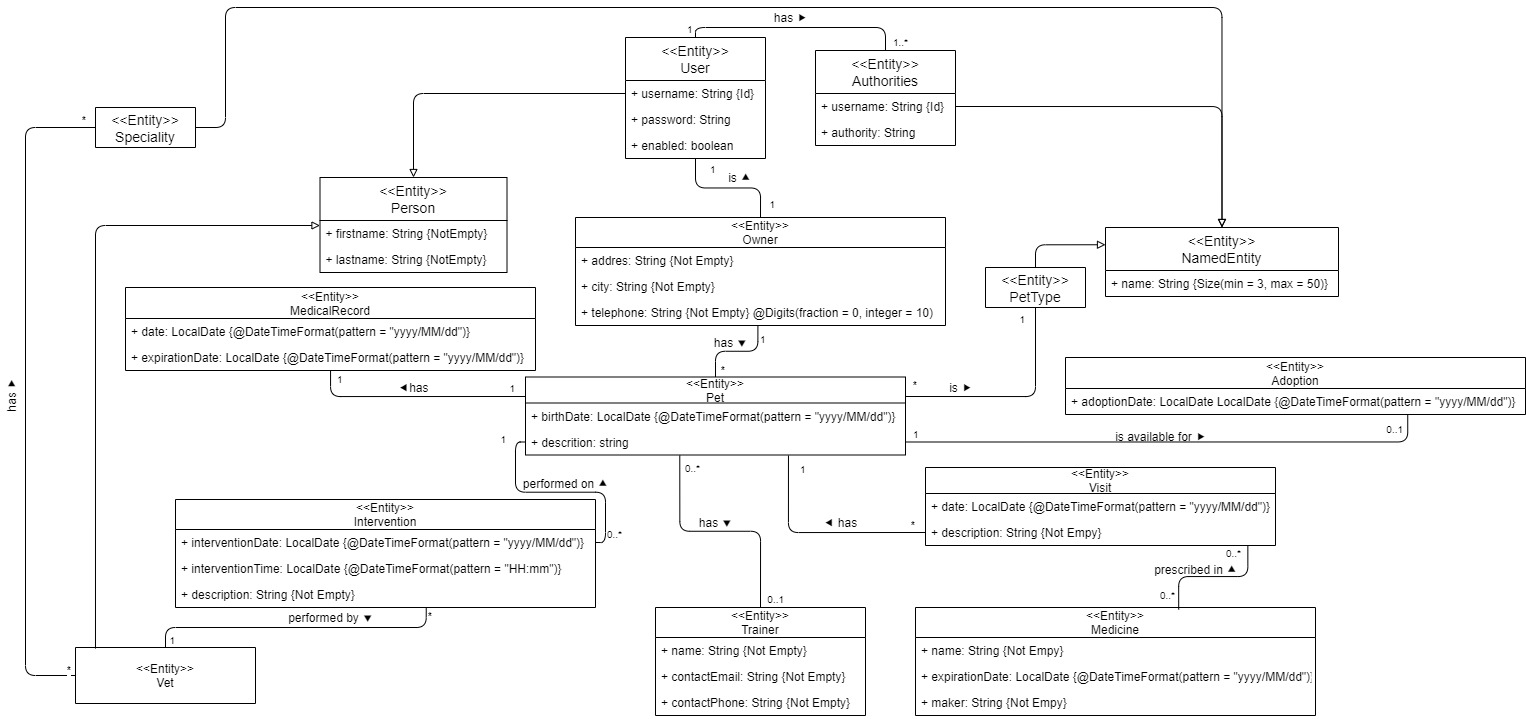


Figure 2 Entity diagram

Intervention: the idea is that in the pet clinic a Veterinarian will perform operations (if necesary) to a Pet.

- InterventionDate: This atributte saves the data of the date in which the intervention was performed

- InterventionTime: It contains the time the intervention lasted

- Description: The details about the intervention

MedicalReport: it contains all the data of a Pet, also contains all the Interventions, Medicines and Visits

- Date: The date of the creation of the Medical Report, that it is translated in the fisrt day a Pet came to the clinic

- Expiraton Date: The date in which an animal rather dies or drop out from the pet clinic

Adoption: When a Pet has no owner is available for adoption

- AdoptionDate: The date in which a Pet is adopted

Medicine: A simple entity describing the medicament a Pet is given

- Name: The name of the medicine

- Expiration Date: Recommended date for consuming the product

- Maker: The companyy responsable of making the product

Trainer: When a Pet comes to the Pet clinic or comes out of a intervention and need rehabilitation a traiiner is offer by the clinic

- Name: The name of the trainer

- Contact Email

- Contact Phone

# User stories

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| **US 001** | **Pet Adoption** |
| As a user,  I want to have access to a list of pets which are available for adoption,  so that I can adopt one and help him/her. | |

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| **US 002** | **Intervention planning** |
| As a vet,  I want to have access to a list of my arranged interventions,  so that I know what time slots I have available and schedule the next one. | |

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| **US 003** | **Trainer selection** |
| As an owner,  I want to see the available trainers,  so that I can have a variety of them and choose the one that suits my pet the most. | |

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| **US 004** | **Medical Record Owner access** |
| As an owner,  I want to have access to my pet´s medical record, which includes the visits, medicines and interventions he/she has had,  so that I can be up to date with his/her status. | |

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| **US 005** | **Medicine prescription vet** |
| As a vet,  I want to be able to prescribe medicines to the pets in the visits,  so that I can treat a given affliction he/she may have. | |

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| **US 006** | **Medical Record Trainer access** |
| As a trainer,  I want to have access to my assigned pets´ medical record, which includes visits, medicines and interventions he/she has had,  so that I can know if he/she has had any injuries. | |

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| **US 007** | **Medicine prescription Owner** |
| As an owner,  I want to know if a medicine was prescribed to my pet in a given visit,  so that I can buy it and help him/her. | |

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| **US 008** | **Pet´s visits as a trainer** |
| As a trainer,  I want to have access to my assigned pets´ visits,  so that I can manage the workload in the training. | |

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| **US 009** | **List of all interventions** |
| As an owner,  I want to see all interventions my pet has had,  so that I am informed about my pets’health state. | |

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| **US 010** |  |
| As an owner,  I want to see a vet that has been assigned to exact intervention that a pet has had,  So that I can see vets’personal information. | |

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| **US 011** | **Trainers’personal information** |
| As an owner,  I want to see my pets trainer  So that I can see his personal information. | |

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| **US 012** | **Pets’all visits** |
| As a vet,  I want to see all the visits certain pet has had,  So that I can choose the best treatment plan | |

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| **US 013** | **Medical record vets’access** |
| As a vet,  I want to see medical record of a certain pet  So that I know all the visits, interventions and medicine the pet had before | |

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| **US 014** | **Vet making changes in medicine** |
| As a vet,  I want to add or delete medicine to the list of available ones  So that I can know which medicine is available for recipe | |

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| **US 015** | **Medical record changes by vet** |
| As a vet,  I want to make changes to certain pets’medical record,  So I can keep it up to date | |

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| **US 016** | **Vet adding new intervention** |
| As a vet,  I want to make new interventions for a certain pet,  So I treat its illness. | |

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| **US 017** | **Vet managing homeless pets information** |
| As a vet,  I want to manage the list of pets without an owner,  So I can manage their adoption | |

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| **US 018** |  |
| As a vet  I want to manage (add new/remove existing) trainers,  So that I can guarantee that pets receive best trainings | |

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| **US 019** |  |
| As a trainer  I want to see a pets’prescribed medication  So that I am aware of what kind of medication pet has been receiving | |

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| **US 020** |  |
| As a trainer  I want to see the list of pets for adoption,  So that I can consider adopting one, thus making this pets’life better | |

## 4.1. Positive use cases

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| **US 001** | **Positive use case 1** |
| A user goes to the page, sees the listing of pets without owner and adopts one. | |

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| **US 002** | **Positive use case 1** |
| A vet goes to the list page of his scheduled interventions and there are several displayed. | |

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| **US 003** | **Positive use case 1** |
| An owner goes to the page of available trainers and there are several displayed. | |

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| **US 004** | **Positive use case 1** |
| An owner goes for his/her pet´s medical record and there are its visits, medicines and interventions displayed. | |

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| **US 005** | **Positive use case 1** |
| A vet goes into the application and chooses the option of prescribing a medicine to a given pet. He/She enters the necessary information and has a successful new medicine entry. | |

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| **US 006** | **Positive use case 1** |
| A trainer goes for his/her assigned pet´s medical record and there are its visits, medicines and interventions displayed. | |

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| **US 007** | **Positive use case 1** |
| Knowing that the pet has some medicine prescribed, an owner enters his/her pet visits list and goes for the prescribed medicines. All of them are displayed. | |

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| **US 008** | **Positive use case 1** |
| A trainer goes for his/her assigned pet´s visits and all of them are displayed. | |

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| **US 009** | **Positive use case 1** |
| An owner goes for his/her pet´s interventions and all of them are displayed. | |

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| **US 010** | **Positive use case 1** |
| An owner goes for his/her pet´s intervention, sees the vet that has been assigned to this intervention and can open this vets’personal information | |

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| **US 011** | **Positive use case 1** |
| Owner goes to his/her pets trainer page and see the assigned trainer | |

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| **US 012** | **Positive use case 1** |
| A vet goes to a certain pets’visits and can see the all visits that this pet has had | |

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| **US 013** | **Positive use case 1** |
| A vet goes to the pets medical record page and can see pets medical record. | |

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| **US 014** | **Positive use case 1** |
| A vet goes to the medicine page and adds a new medicine that from now on will it be available to be prescribed | |

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| **US 015** | **Positive use case 1** |
| A vet goes to the pets medical record page and is able to make changes in its medical record page. | |

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| **US 016** | **Positive use case 1** |
| A vet goes to the certain pets intervention page and can add a new intervention for the pet. | |

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| **US 017** | **Positive use case 1** |
| A vet goes to the homeless pets’personal page, add it to the list of pets available for the adoption and this pet show up in that list. | |

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| **US 018** | **Positive use case 1** |
| A vet goes to the trainers page and can add a new trainer, and it shows up in the list of trainers. | |

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| **US 019** | **Positive use case 1** |
| A trainer goes to a pets medicine page and can see all the medicine the pet has been taking. | |

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| **US 020** | **Positive use case 1** |
| A trainer goes to the list of pets available for adoption and can see all the homeless pets. | |

## 4.2. Negative use cases

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| **US 001** | **Negative use case 1** |
| A user goes to the page but there are no pets available. | |

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| **US 002** | **Negative use case 1** |
| A vet goes to the list page of his scheduled interventions and there is none displayed. | |

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| **US 003** | **Negative use case 1** |
| An owner goes to the page of available trainers and there are none displayed. | |

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| **US 004** | **Negative use case 1** |
| Knowing that the pet has had visits, medicines and interventions, an owner goes for its medical record and there is nothing displayed. | |

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| **US 005** | **Negative use case 1** |
| A vet goes into the application and chooses the option of prescribing a medicine to a given pet but the form into which some values have to be introduced is not displayed. | |

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| **US 005** | **Negative use case 2** |
| A vet goes into the application and chooses the option of prescribing a medicine to a given pet. He/She enters the necessary info but some of the values are wrong. So the new medicine entry is not performed. | |

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| **US 006** | **Negative use case 1** |
| Knowing that the trainer´s assigned pet has had visits, medicines and interventions, a trainer goes for its medical record and there is nothing displayed. | |

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| **US 007** | **Negative use case 1** |
| Knowing that the pet has some medicine prescribed, an owner enters his/her pet visits list and goes for the prescribed medicines. None are displayed. | |

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| **US 008** | **Negative use case 1** |
| Knowing that the trainer´s assigned pet has had some visits, he/she goes for his/her assigned pet´s visits and none are displayed. | |

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| **US 009** | **Negative use case 1** |
| Knowing that the pet has had an interventions, owner goes to pets’intervention page and none of them are displayed. | |

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| **US 010** | **Negative use case 1** |
| Knowing that the pet has had an intervention, owner goes to an intervention page, opens one intervention but the assigned vet is not showing up on the page. | |

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| **US 011** | **Negative use case 1** |
| Owner, knowing that his/her pet has a trainer assigned, goes to the trainers’ page but doesnt see any trainer. | |

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| **US 012** | **Negative use case 1** |
| Vet, knowing that a certain pet has had some visits before, goes to the visits’page, but none of these visits are displayed. | |

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| **US 013** | **Negative use case 1** |
| A vet goes to the pets medical record page and does not see its medical records, although it is not the pets’first visit in the clinic. | |

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| **US 014** | **Negative use case 1** |
| A vet goes to the medicine page to add a new medicine, but, after adding a new medicine, it does not show up in the all available medicine list. | |

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| **US 015** | **Negative use case 1** |
| A vet goes to the pets medical record page and wants to delete previous medical record in order to post the newest version of this medical record, but is not able to do so | |

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| **US 016** | **Negative use case 1** |
| A vet goes to the pets intervention page, in order to add a new intervention, but after adding it, the intervention is not saved in the database as well as it does not show up in the in pets’intervention list. | |

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| **US 017** | **Negative use case 1** |
| A vet goes to the homeless pets personal page and adds it to the list of pets available for adoption, but after adding to the list, this pet does not show up there. | |

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| **US 018** | **Negative use case 1** |
| A vet goes to the trainers page, removes a trainer, but it is not deleted from the database and it still shows up in the list of trainers. | |

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| **US 019** | **Negative use case 1** |
| A trainer goes to the pets medicine page, knowing that this pet has a prescribed medicine, but he/she is not able to see it. | |

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| **US 020** | **Negative use case 1** |
| A trainer goes to the pets for adoption list, knowing that there are homeless pets, but none of them show up on the page. | |