

**DESIGN AND TESTING 2**

**SPRINT 1**

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| **Components** |
| Guerrero Cuenca, Claudia |
| Macarro Klepsch, Miguel |
| Volante González, José Manuel |

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| **Content** |
| First the level chosen for our project will be mentioned.  Then show a summary of the full decription of this. Finally, this summary is specified with the different entities and features that will be implemented in our application. |

**Content**

1. Project description
   1. General description of the web application
   2. Entities
   3. User stories
   4. Specification with examples
2. Planning for the following sprints

About out proyect

1. Description of the web application
2. Involved entities
   1. Entities to modify
   2. New entities
3. User stories
   1. New user stories
   2. Features to modify in the existing system
4. Positive and negative scenarios for user stories

Planning for the following sprints

**1.- PROJECT DECRIPTION**

**a.- General description of the web application**

Choice type and level:

Extension of the example provided, level 2 (min. 5 entities + 20 user stories).

Summary:

Our project consists in extending the project provided by the professors. The main features we are going to improve or implement are:

* The way visits are used: Instead of just having the owner or an administrator register the date of a visit, we will implement a fully automated scheduling system. An owner will be able to select a free timeslot with a veterinary of his choice, which will then be registered in the system.
* Payment information for a visit, including credit card data if applicable, will be stores in the system.
* In order to estimate the duration of a visit (for the scheduling) and its cost (for the payment system), we will categorize the visits by type (operation, revision, consultation)
* Veterinarians will be able to add a diagnosis to a visit, including prescriptions for medications.

**b.- Entities**

Entities to modify

**Visit** 🡪 New attributes: Status (Accepted or not).

New relationships and attributes 🡪 Vet (one to one), VisitType (one to one).

New entities

These are the new entities that will be implemented with their attributes:

**VisitType** 🡪 Name, Price, Duration.

Type can be: revisión, operation and discomfort.

**Diagnosis** 🡪 Date and time, Description.

Relationships: Visit (one to one).

**Posology** 🡪 Frequency, Quantity.

Relationships: Diagnosis (many to one).

**Medicine** 🡪 Name, Business.

Relationships: Posology (many to one).

**Payment** 🡪 Date and time, Quantity (inherited from Price of VisityType), Mode.

Relationships: Visit (one to one).

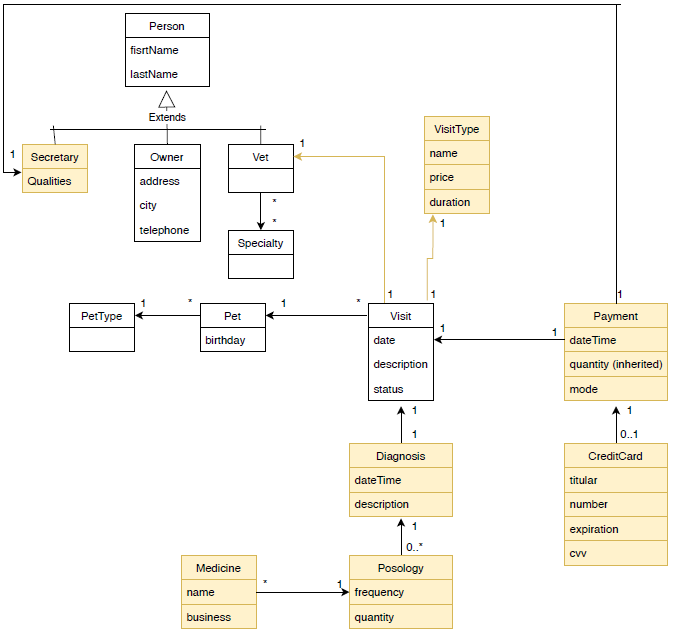
**CreditCard** 🡪 Titular, Number, Expiration, CVV.

Relationships: Payment (one to one).

**Secretary** 🡪 Qualities.

Extends from Person. It’s a user. He is in charge of making the payment.

The relationship between them with the UML:



1. **User stories**

User stories that we will implement in our application:

1. **New user stories**

WITH 1 ENTITY:

**Feature**: Request a visit at one hour and have to be accepted to be valid

**As a** owner

**So that** I can go on a visit knowing that I will be attended

**I want** the visit that I request to be accepted by an administrator.

**Feature**: The administrator is responsable for accepting the visits they request

**As a** administrator

**So that** clients can be treated by a specific veterinarian

**I want to** be able to accept requests of visits that these make according to the available calendar of the veterinarians.

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

WITH 2 ENTITIES (mín. 9):

**Feature**: Request a visit with a specific veteriarian

**As a** owner

**So that** I can acquire a better service from a veterinarian for having treated my pet before

**I want** visits to be requested from a specific veterinarian.

**Feature**: Select a type of visit

**As a** administrator or owner of the clinic

**So that** time and visits are better utilized

**I want** **that** the owner of a pet select a type of visit, wich has an approximate duration.

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

**Feature**: aa

**As a** aa

**So that** aa

**I want to** aa

WITH 3 OR MORE ENTITIES (mín. 1):

**Feature**: See all the characteristics of visits already made

**As a** administrator

**So that** I can check the correct functioning of the clinic

**I want** a view with all the visits already made that include the features of that visits and a link for her diagnosis and payment.

1. **Features to modify in the existing system**

* When login as Vet, in Owner tab, an exception is raised.
* There are many owners for the same user. Limit to 1. In the list of owners put his personal data.
* An user not authenticated can’t do anything.
* Change logo and add something on the home page.
* Administrator 🡪 Viewof all visits to accept or decline.

1. **Positive and negative scenarios for user stories**

Contenido

**PLANNING FOR THE FOLLOWING SPRINTS**

Planificar para los siguientes sprints las historias de usuario + hacer una asignación a los componentes.

Todos los integrantes de este grupo están de acuerdo a lo descrito:

Sevilla, Febrero 2020

