

T13: La Guardería del PetCenter.**FUNCTIONAL REQUIREMENTS**

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NAME	R1: Verify that there is space in the require area for the pet
ABSTRACT	Verifies if there is space in the area according to the type of the pet that will enter to the daycare for any reason.
INPUTS	<ul style="list-style-type: none"> Pet species
OUTPUTS	Error message if there is not space for the pet. Else: Message notifying that there is space for the pet

NAME	R2: Hospitalize a pet
ABSTRACT	Register the pet in an available habitat, and change the UseType to OCCUPIED_S, notifies to the user the id of the habitat.
INPUTS	NO INPUTS
OUTPUTS	Message notifying, the id of the habitat where the pet is hospitalized.

NAME	R3: Register at the Daycare
ABSTRACT	Register the pet at the daycare, in an available habitat, and change the UseType to OCCUPIED_H, notifies the id of the habitat where the pet stays.
INPUTS	<ul style="list-style-type: none"> Species Name Age Breed (for dogs and cats) Owner: <ul style="list-style-type: none"> -Id -Name -Phone -Address Number of days that will use the service
OUTPUTS	Message notifying, the id of the habitat where the pet stays

NAME	R4: Show pet's info
ABSTRACT	Show the info of the pet and the info of the habitat where it is
INPUTS	<ul style="list-style-type: none"> Pet's name
OUTPUTS	Message showing the report of the pet and of the habitat where it is.

NAME	R5: Show habitat's info
ABSTRACT	Show the info on the habitat, and the pet that stays there, if there is a pet there
INPUTS	<ul style="list-style-type: none"> Habitat's id
OUTPUTS	Message showing the info of the habitat: <ul style="list-style-type: none"> If there is a pet that stays there, shows the info of the pet. Else: <ul style="list-style-type: none"> Show the info of the habitat and a message notifying that the habitat is empty

NAME	R6: Show the map of the Daycare
ABSTRACT	Displays the map of the daycare, showing the state of each habitat.
INPUTS	NO INPUTS
OUTPUTS	<p>Message that shows the map of the daycare, and the state of each habitat:</p> <ul style="list-style-type: none"> • If the habitat is occupied: <ul style="list-style-type: none"> - If the pet that stays there is sick: ID + "E" Else: <ul style="list-style-type: none"> - If the pet that stays there is healthy: ID + "S" Else: <ul style="list-style-type: none"> - ID + "V"

NAME	R7: Reports
ABSTRACT	<ul style="list-style-type: none"> • Generate statistical information: <ul style="list-style-type: none"> - Occupation percentage for each area in the daycare - General occupation percentage of the daycare - Healthy and Hospitalized pets' percentage
INPUTS	NO INPUTS
OUTPUTS	Message showing the statistical information.