

LOST MY PET



VALIDATION CONTROL FORMS

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Graded Unit Project

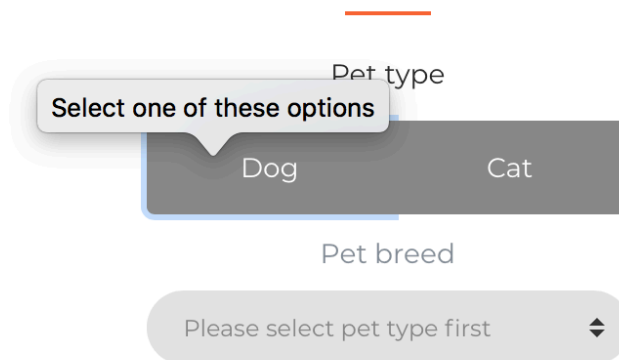
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ADD A NEW PET ANNOUNCEMENT

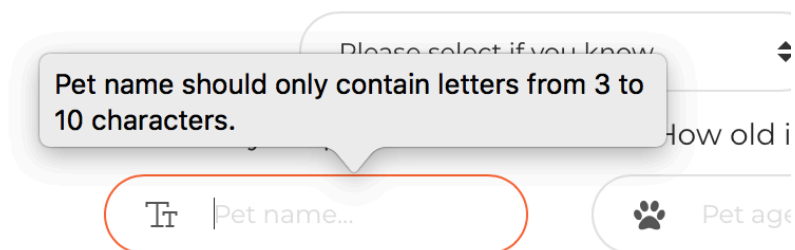
VALIDATION SCREENS

PET TYPE VALIDATION



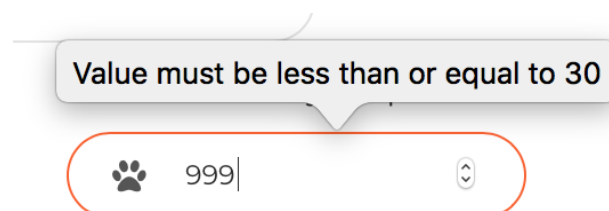
A validation screen for pet type. At the top, a label "Pet type" is followed by a tooltip that says "Select one of these options". Below this is a dark grey button with "Dog" and "Cat" options. Underneath the button is a label "Pet breed". At the bottom, a light grey button contains the text "Please select pet type first" and a small downward arrow icon.

PET NAME VALIDATION



A validation screen for pet name. A tooltip above a text input field says "Pet name should only contain letters from 3 to 10 characters." The text input field has a "Tt" icon and the placeholder text "Pet name...". To the right of the input field is a label "Pet age" with a paw print icon. Above the input field, there is a dropdown menu with the text "Please select if you know" and a downward arrow icon.

PET AGE VALIDATION



A validation screen for pet age. A tooltip above a text input field says "Value must be less than or equal to 30". The text input field has a paw print icon, the placeholder text "999", and a small downward arrow icon.

LOCATION VALIDATION










What colour is the pet?

Select an item in the list

Select one...

CANNOT SELECTE MORE THEN 4 COLOURS

What colour(s) is the pet? (select max 4)

 Black	 Brown	 Ginger	 Golden	 Grey	 Lilac
 Liver	 Tan	 White			

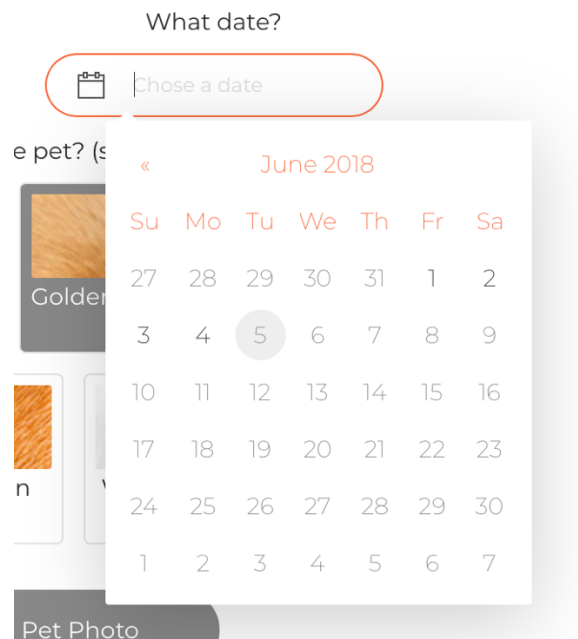
CANNOT WRITE MORE THEN 255 CHARACTERS IN THE DESCRIPTION

Details description

Vivamus lacus libero, aliquet sed placerat id, varius et massa. Ut sapien eros, molestie nec maximus at, auctor a tortor. Mauris vehicula, arcu vel sodales rhoncus, augue tortor condimentum lorem, a venenatis neque urna eu erat. Nunc porta condimentum nun

0 characters remaining

DISABLED FUTURE DATES



PSEUDOCODE WEB MVC APP

IF

- pet type is empty or
- pet age > 30 or not valid format or
- event date (missing/found date) is not past date or
- location == NULL or
- pet name length > 15 or not valid format or
- description length > 255

RETURN page with error

PSEUDOCODE REST API

IF

- event date (missing/found date) is not past date or
- user id not exists in the database
- pet breed is not existing in the database
- pet age > 30 or
- location is not existing in the database
- pet name is empty, blank or null
- pet colours number > 4

RETURN THROW EXCEPTION with error message

VALIDATION ACHIEVED THROUGH SPRING VALIDATION ANNOTATIONS

@Past

private Date eventDate;

@NotEmpty(message = "Please, select location")

private String location;

@NotEmpty(message = "Please, select a pet type")

private String petType;

@Length(max = 15)

private String petName;

@Max(30)

private Integer age;

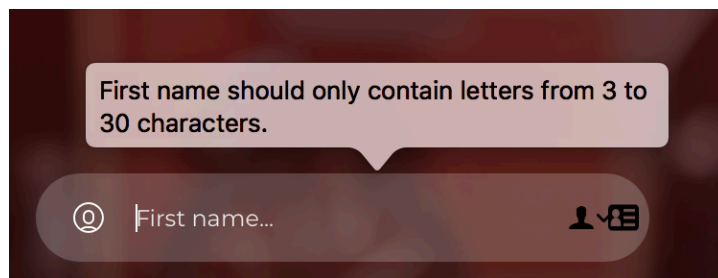
@Length(max = 255)

private String description;

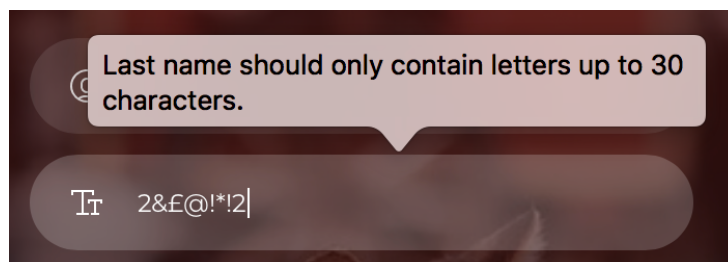
REGISTER NEW USER ACCOUNT

VALIDATION SCREENS

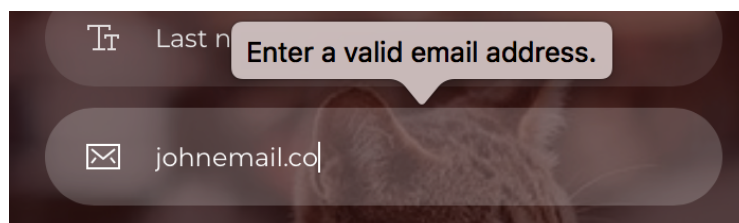
FIRST NAME VALIDATION



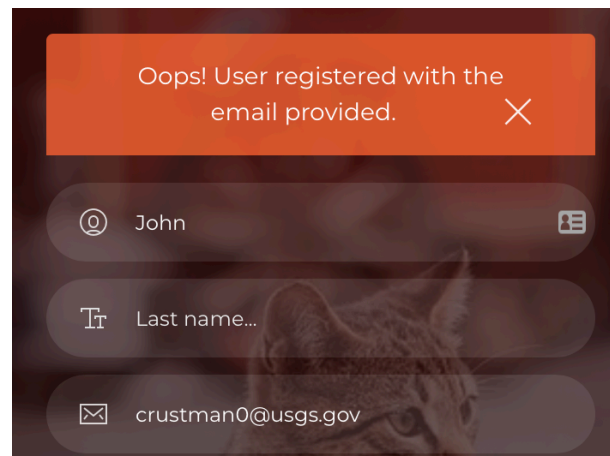
LAST NAME VALIDATION



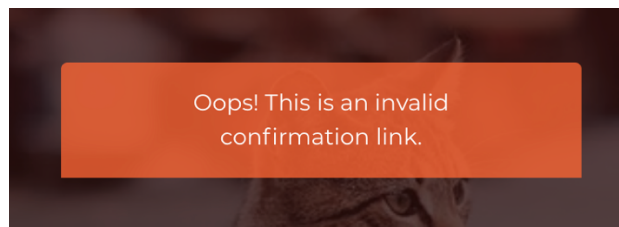
EMAIL ADDRESS VALIDATION



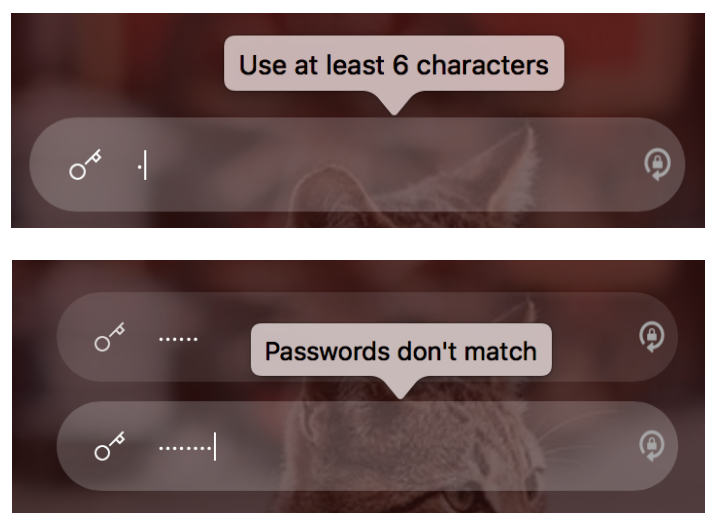
IS EMAIL EXISTS IN THE DATABASE VALIDATION



ACTIVATION TOKEN VALIDATION



PASSWORD VALIDATIONS



PSEUDOCODE WEB MVC APP

IF

email is blank or not valid format email or
password is < 6 or > 30 or not match or
first name is < 3 or >20 or not valid format or
last name is > 20 or not valid format

RETURN page with error

PSEUDOCODE REST API

IF

email is blank or not valid format email or is not unique or
password is < 6 or > 30 or
first name is < 3 or >20 or
last name is > 20 or

RETURN THROW EXCEPTION with error message

VALIDATION ACHIEVED THROUGH SPRING VALIDATION ANNOTATIONS

@Email(message = "Please provide a valid e-mail")

@NotBlank(message = "Please provide an e-mail")

private String email;

@Size(min = 6, max = 30)

private String password;

@NotBlank(message = "Please provide your first name")

@Size(min = 3, max = 20)

private String firstName;

@Size(max = 20)

private String lastName;