

# Requirements

(see below section "UI mocks")

You are to construct a Pet Owner registration experience inspired by the below mocks.

The frontend form will allow input with the following fields:

- Pet's name
- Pet type
  - Cat
  - o Dog
- Breed
  - Show a list of breeds based on above Cat or Dog selection
  - o For dog, include a dangerous breed amongst others:
    - Pitbull
    - Mastiff
  - Choose One (If "Can't find it?" is selected for "Breed")
    - I don't know
    - It's a mix
- Pet's Age
  - (No) Do you know their date of birth?
    - Approximate Age
      - 1
      - 2
      - 3
      - .
      - 20
  - (Yes) Do you know their date of birth?
    - Date of Birth Input (Day / Month / Year)
- Gender
- Save Pet submit button

On the back-end, create a data model for Pet that includes:

- Name
- Type
- Breed
- Date of Birth
- Gender
- Is Dangerous Animal

Once the form is saved to add a pet, show a summary of the following fields:

- All of the above
- A danger indicator if the Pet is a Dangerous Animal
- Age

## Instructions

- Write a solution utilizing HTML5, CSS and Javascript (bonus points if using a frontend or styling framework)
- Create a simple API endpoint to ingest the aforementioned fields and return a 2xx status code (201 Created for REST) indicating saved
- We must be able to execute your solution on MacOS or Linux
- README.md is within the repository including an overview and instructions on execution

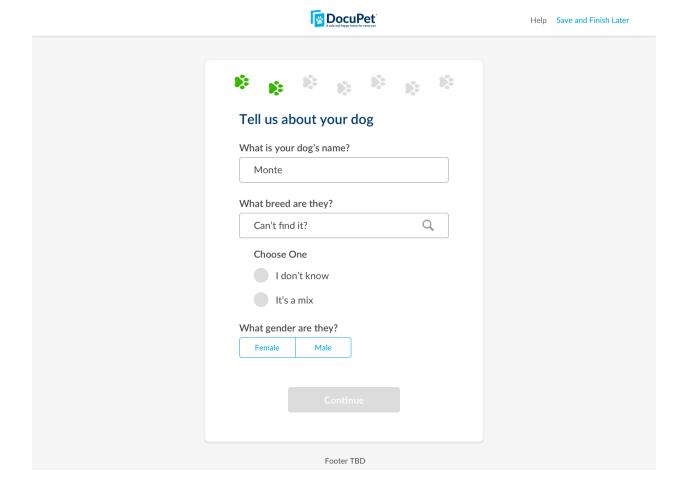
### **\*** Bonus points

- You've implemented latest VueJS framework
- You've implemented and utilized a PHP framework such as latest Symfony
- Your solution is encapsulated into a Docker container
- Git commits show your progress over the completion of the assignment

#### **™** What we're looking at

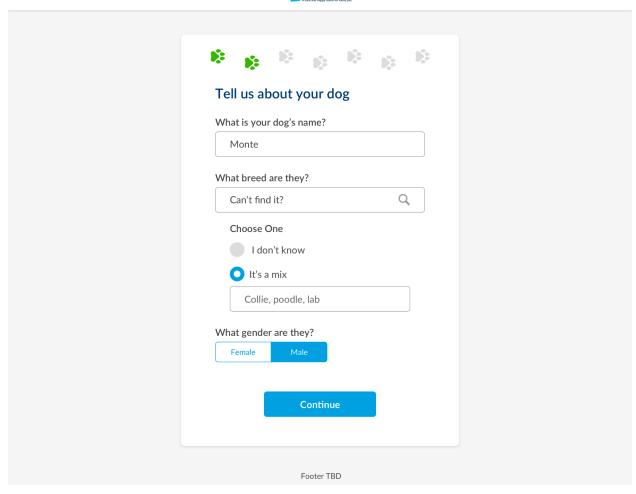
- Requirements decomposition how you interpreted the test and solved it!
- Data model design you've considered using foreign keys for the pet table to normalize breed or type (e.g. constant table)
- MVC fundamentals e.g. controllers do not contain business or database logic
- Modern, responsive web design following industry best practices (e.g. media breakpoints)
- CSS structure and utilization of styling framework (e.g. Bootstrap)
- Solid understanding of chosen Frontend framework and structuring HTML5
- Code structure, code flow, and software design patterns
- Code styling and cleanliness (PSR-12)
- Object-oriented programming and SOLID principles











Do you know their date of birth?



Approximate Age

**+** 

#### Do you know their date of birth?



## Birthdate

Month	Day	Year
Select \$	dd	уууу