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**Front End Capstone Project**

# myDoge

September-October / 2017

## OVERVIEW

This application will serve as an educational guide for users interested in adopting a dog. Using information provided by the user in a questionnaire format, the application should produce a number of dog breeds that would be most suitable as results at the end of the questionnaire. Users who register an account within the application (by way of a Google account or an entered username and password) shall be able to save, edit, and share their search results.

## GOALS

1. To provide users with education about many different dog breeds, in an effort to inform potential adopters about which breeds may best suit their lifestyle and provide the best environment for the adoptee.
2. To successfully establish API calls (sources defined below) which will surface data to the benefit of my application's users.
3. To gain a greater comprehension of the Angular framework.
4. To be fluent in data hosting, data exchange and application testing.
5. To enhance my styling abilities using Bootstrap and Sass.

## SPECIFICATIONS

Technologies Used:

AngularJS

Javascript/Jquery

HTML/CSS

Bootstrap

Sass

## FILE Structure

This is the working file structure for this project:

## DATA Structure

Below is a diagram of the intended data structure. Stretch goals are in italics:

<b>Object: User</b>						
uid:						
person name:	default user	<i>(new name)</i>				
<b>Object: QA</b>						
residence:	apartment	house				
size:	tiny	small	medium	large	xlarge	no (all)
grass:	yes	yes	no			
climate:	hot	cold	mixed	<i>(by zipcode)</i>		
exercise:	high	medium	low			
family:	adults	kids	alone			
pets:	dogs	cats	other	no		
allergies:	yes	no				
velcro:	yes	no	no			
train:	yes	yes	no			
hunt:	yes	no				
guard:	yes	no				
clean:	high	medium	low			
groom:	yes	yes	no			
schedule:	yes	no				

## FEATURES

*Stretch goals are in italics*

1. Guest Search (without Save)
2. User Registration / Google Registration
3. User Questionnaire : Description and Flow:
  - a. Each question will correspond to a value which will include or exclude a breed or number of breeds from the final list of results for that search.
  - b. Each answered question will essentially filter all dog breeds (from question "0") down to a (5 item) list of recommend breeds (after final question)
    - i. *This list may be incrementally saved*
  - c. Pagination UI is one question per-page
    - i. *With an incremental SAVE option*
  - d. *If user logs out or interrupts the form, and incremental SAVE is automatic*
4. Saved searches for registered users:
  - a. Dedicated page for user to save past searches
  - b. Organized by: User Name // Breed Matches... // Date of Search
  - c. *Each may be selected to Edit or Delete*
5. User Questionnaire : Content:
  - a. *Q0: Default to user name, Save a Different Name for this Search*
  - b. Q1: Do you have a preferred size of breed? (More than one selection is possible):
    - i. Tiny (up to 11 pounds)
    - ii. Small (12 - 22 pounds)
    - iii. Medium (23 - 44 pounds)
    - iv. Large (45 - 88 pounds)
    - v. Extra large (89 - 140 pounds-plus)
    - vi. Not important (GET all breeds)
  - c. Q2: What is your type of residence?:
    - i. House
    - ii. Apartment
  - d. Q3: Will your dog have space to play?:
    - i. Fenced yard
    - ii. Dog park access
    - iii. Nope
  - e. Q4: What climate do you live in?
    - i. Hot Summers, mild Winters
    - ii. Cold Winters, mild Summers
    - iii. A mix
  - f. Q6: How active would you like your dog to be?
    - i. I'm a runner and I want my dog to be a good running partner
    - ii. I like to take walks and take my dog along
    - iii. I'd like a very low-maintenance dog. I'm fine with a couch potato.
  - g. Q5: Who else lives in your house?
    - i. Adults only
    - ii. Adults and a child/children
    - iii. Just me
  - h. Q6: Do you have pets already?

- i. Cat(s)
  - ii. Dog(s)
  - iii. Other pet(s)
  - iv. Nope
- i. Q7: Do you allergies to pet dander?
  - i. Yes
  - ii. Nope
- j. Q8: How cuddly would you like your dog to be?
  - i. Always - I want him/her always by my side
  - ii. Greets me and then chills
  - iii. Don't desire any cuddling
- k. Q11: How much would you like to train your dog?
  - i. As much as possible. I want him/her to know many commands and behave extremely obediently.
  - ii. I'm cool with housebreaking and teaching the basic commands.
  - iii. I'll be pretty hands-off with training.
- l. Q9: Will this dog be trained and used for hunting?
  - i. Yes
  - ii. Nope
- m. Q10: Will this dog be trained for personal and home protection?
  - i. Yes, that's important to me.
  - ii. Nope, that's not important to me.
- n. Q12: How tidy do you keep your household?
  - i. I clean constantly
  - ii. I clean when it needs it
  - iii. My place is pretty messy
- o. Q13: How much are you willing to put into grooming your dog?
  - i. I want my dog to be groomed for show-quality.
  - ii. I will groom my dog as recommended.
  - iii. I would like as little responsibility as possible.
- p. Q14: What's your schedule like?
  - i. I work long hours, and my dog will need to be okay on his/her own most of the day.
  - ii. I work a moderate schedule, off on weekends, and I would like to be home for my dog whenever possible.
  - iii. I work from home, or I'm home much of the time, or I'm just crazy about my dog and I will be around to keep him/her company more often than not.
- q. See RESULTS:
  - i. This button will save the most recent search to the "MyQAs"
  - ii. Single Search view:
    - 1. Name
    - 2. Date
    - 3. Breed cards (limited to 5)
      - a. Image
      - b. Breed Name
      - c. Show Details (Breed Card view)...
        - i. Image
        - ii. Breed Name
        - iii. Description

