#### Milestone 4

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#### Revised List of Features (By Priority):

- 1. Account Setup:
  - a. Users should be able to set up an account and create a profile with general information, as well as answers to questions that will enable easier matching between the dogs and people.

#### 2. Accept:

a. Users should be able to click one side of the screen to dismiss another user that they aren't interested in and the opposite side to accept another user to create possible matches.

#### 3. Dismiss:

a. Users should be able to dismiss other users based on filters.

#### 4. Matches:

- a. Users should be able to match with a dog when both profiles have liked each other.
  - i. This is our main function.

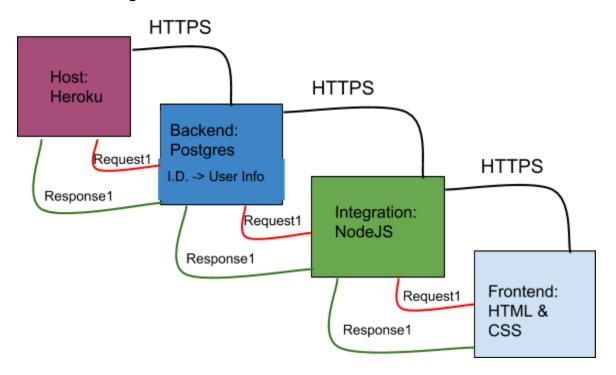
#### 5. Messaging:

a. Once a match is made, the user will be able to send a message with information regarding the dog and the organization.

#### 6. Filters:

- a. Users can filter their matches by distance, dog breed, price, etc.
- b. This would work in tandem with many of the other features, like maps, matching, and account setup.

#### **Architecture Diagram:**



# Front End Design: Mian Page Sign Up Sign In Profile for Users Contact Match Page Page Profile for dogs

When people visit our website, the main page will be shown firstly. On the main page, they can choose sign in or sign up. When they click the sign in button, the web page will be switched to sign in page. If they click the sign up button, they will go to the sign in page. After they creating an account or log in, they will go to the users' profile page. Users can switch between users' profile, match and contact page by click the "arrow" button on the top side of each page. On the profile for users, users are allowed to create profiles for their dogs that can be listed on the users' profile page. (All pages' details are shown in the following pictures.)

(MainPage) Pics Sign In 1/10 Website Description Creator S

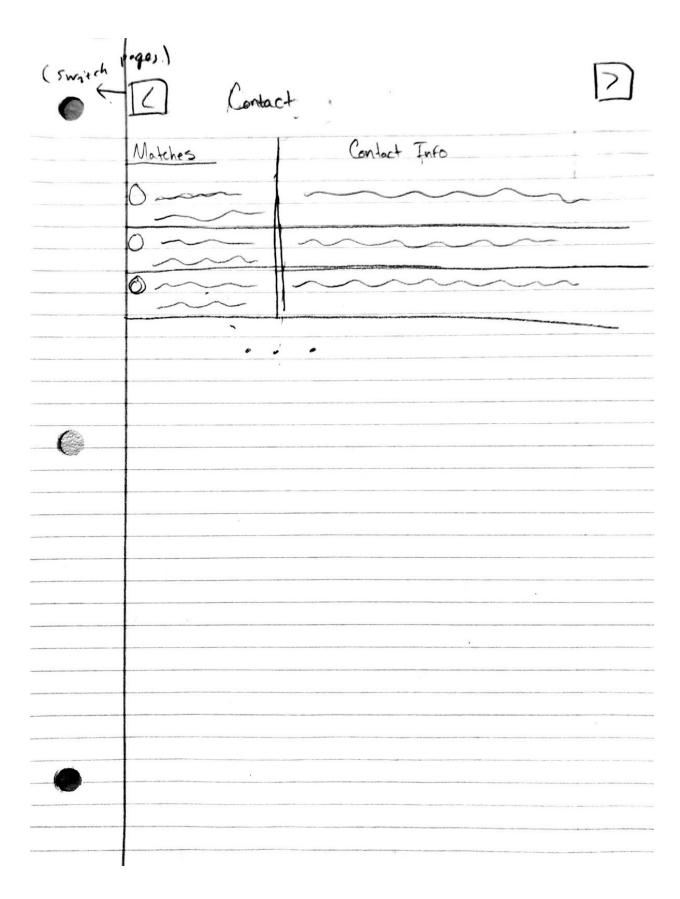
Sign In	
	Go Back
usorname Ismail	
Password	
Sign In	
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## Create Profile / Sign UP

Please Complete d	he following fields	
Name Boyer	Oseller Email	 (Go. Bock
Age		
Avg. Annual Income	2	
Family Size		
Living Arrangemen	ļ	
Preference of Dog	Type	
Add 'Photo		
+ Select File		
	Create Profile	

(switch poges)	(Profile for users) Profile User info	
My Ongs  O  No  Dogs  View AIN  (go  Richard  Pro  Ald Dog + (go  Richard  Richard  Ald Dog + (go  Richard  Richard  Richard  Ald Dog + (go  Richard  Richar	es to eate dor dog). Dog Info	
Logout	Matches  O  View All	

(switch pages) Match Weight ->[ Name Location (2) Fernferment Backglound Health



Profile for dogs.	
Name	bock
And Ofernale Ofther/don't Know	
Age Dog Type	
Weight	
Height	
Temperment	
Background	
Health History	
Create Profile -> 1 Profile Page	

#### Web Service Design:

We will likely be using node.js to write our web service API. We will probably be using Heroku web hosting to host our server on the cloud, but we need to do some research about it first.

#### Browser

- Sends user inputs for account creation
- Sends user input for logins
- Button functions on matching page
- Operating platform (pc vs phone etc)
- Messages
- Physical location
- Filter inputs
- Setting inputs
- Any other button inputs by users

#### Server

- Sends info from login database to check if a login is successful
- Sends account info to biography on main page
- Sends matching database information
- Sends bios of dogs to be viewed by users
- Sends physical location of party being viewed by user
- Sorts by filter
- CSS and HTML website design

### **Back End Design:**

