

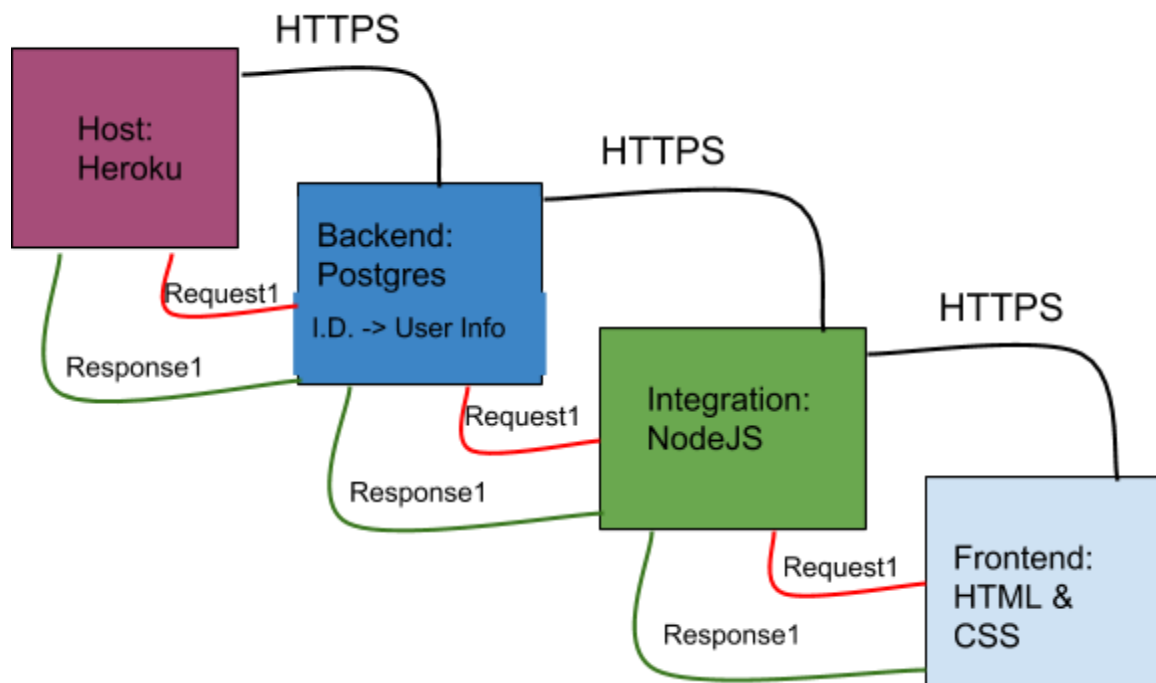
## Milestone 4

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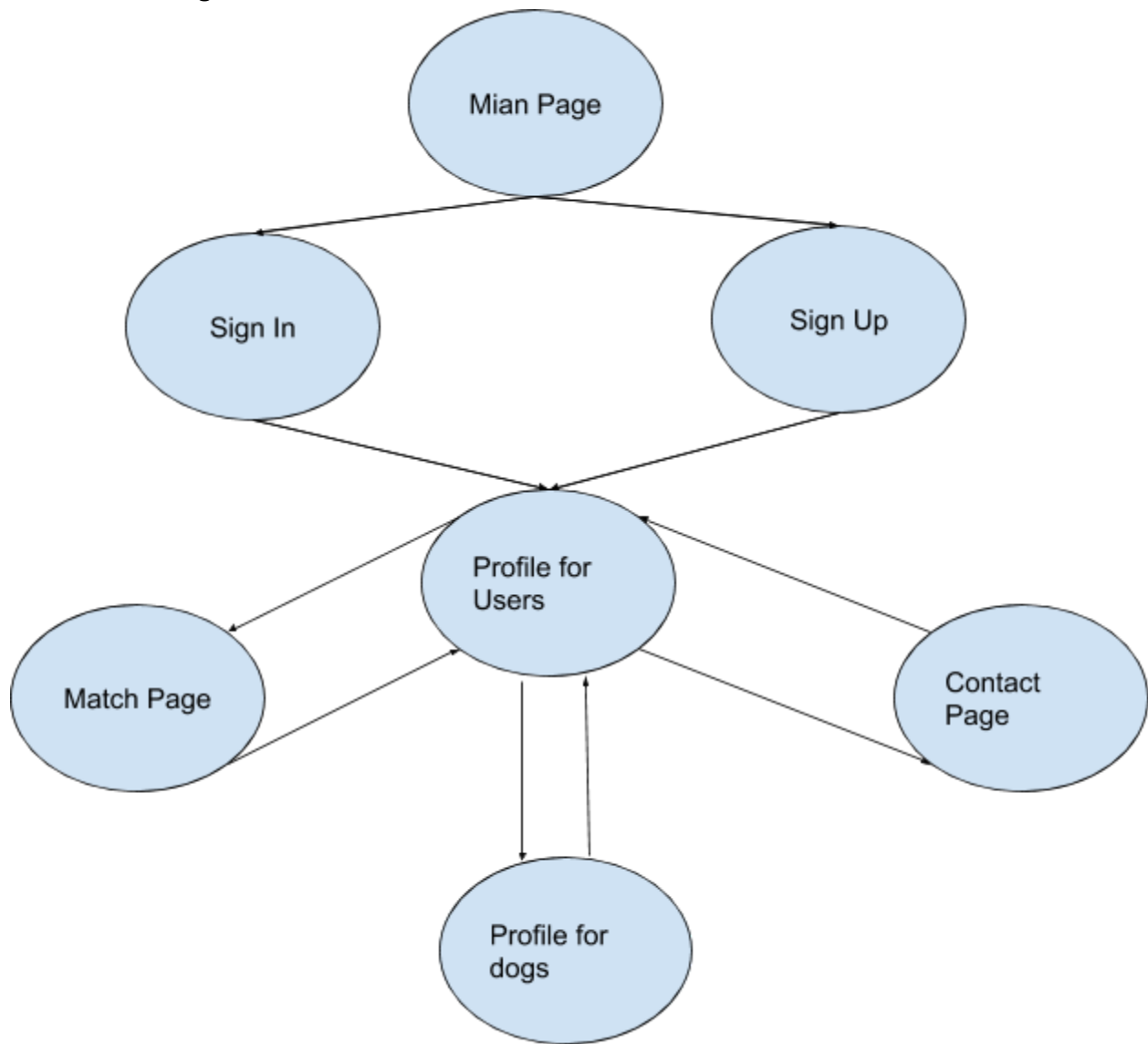
### Revised List of Features (By Priority):

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:



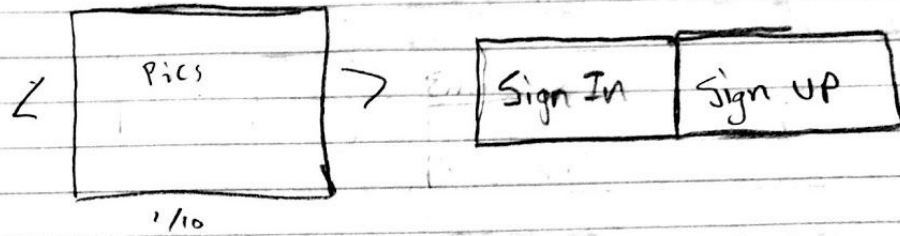
### Front End Design:



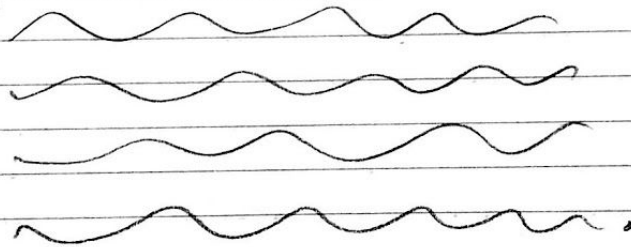
When people visit our website, the main page will be shown firstly. On the main page, they can choose sign in or sign up. When they click the sign in button, the web page will be switched to sign in page. If they click the sign up button, they will go to the sign in page. After they creating an account 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.)

(Main Page)

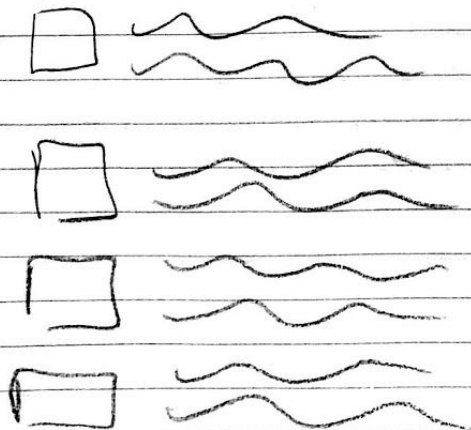
Pumble



Website Description



Creators



# Sign In

[Go Back](#)



username / email

Password

[Sign In](#)

# Create Profile / Sign UP

Please complete the following fields...

☒ Buyer ☐ Seller

[Go Back](#)

Name

Email

Password

Age

Avg. Annual Income

Family Size

Living Arrangement

Preference of Dog Type

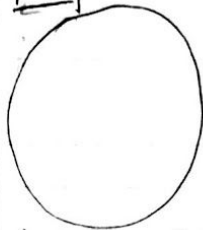
Add Photo

+ Select File

[Create Profile](#)

(switch pages)

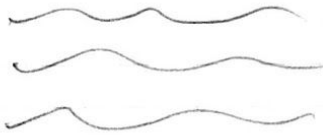
(Profile for users)



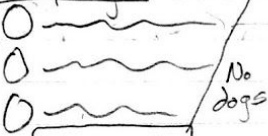
Name

Profile

User info



My Dogs

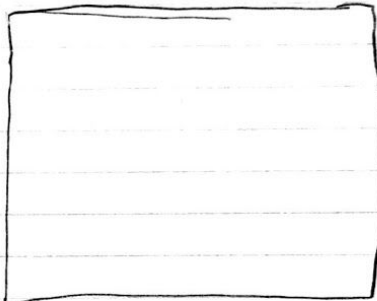


No dogs

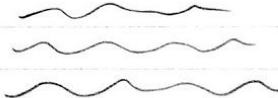
View All

Add Dog +

(goes to create profile for dog)



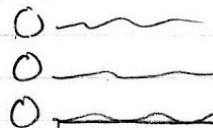
Dog Info



Support

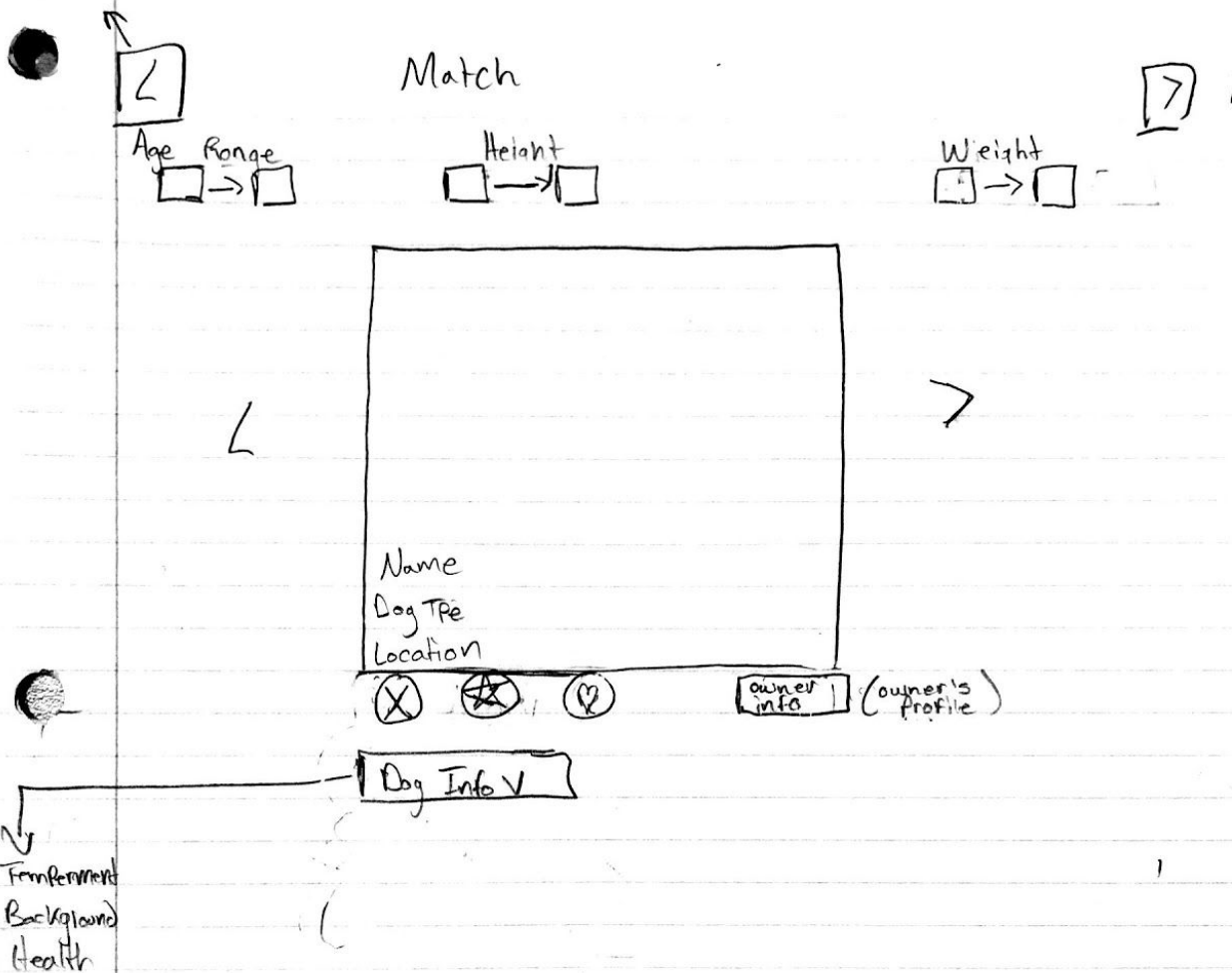
Log Out

Matches



View All

(switch pages)



(switch 1000)



Contact



Matches

Contact Info



...



# Profile for dogs.

Name

[go back](#)

☐ Male ☐ Female ☐ Other/Don't know

Age

Dog Type

Weight

Height

Temperament

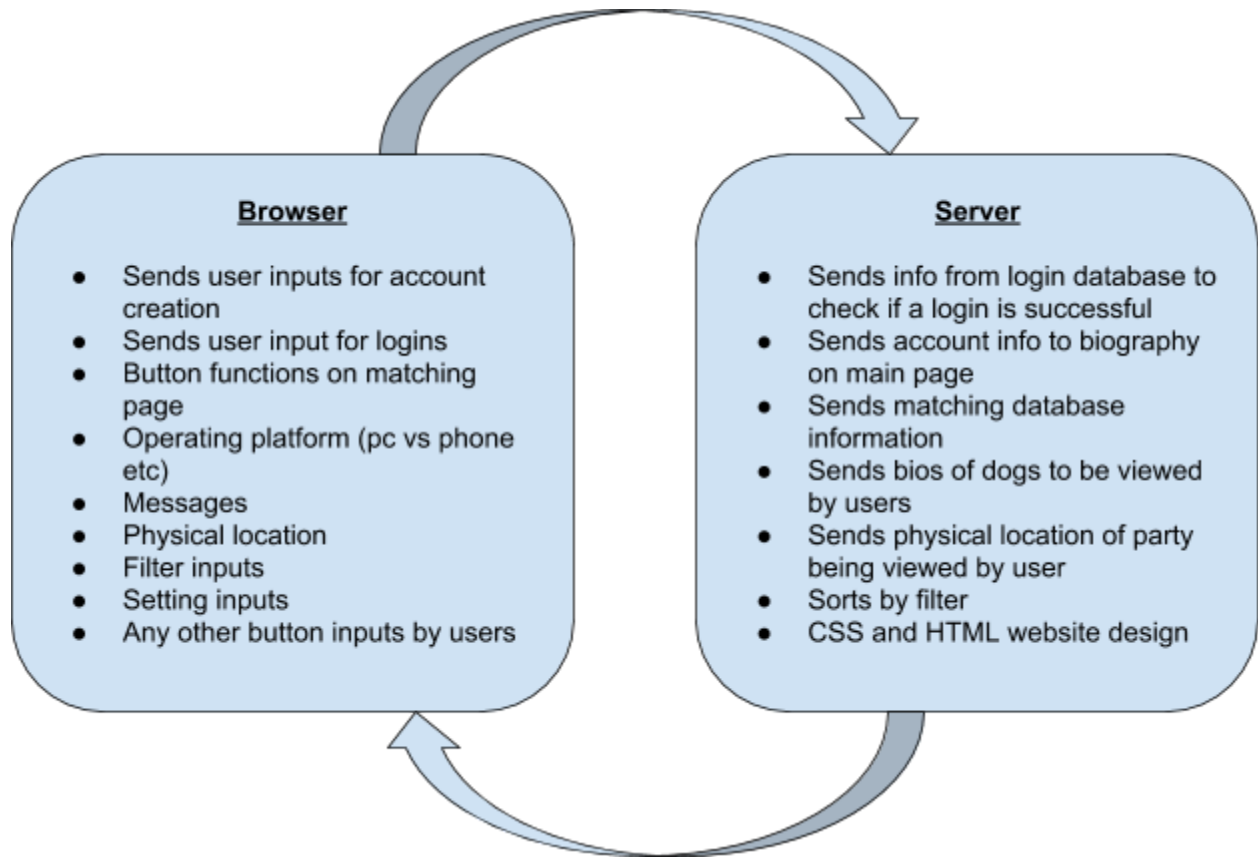
Background

Health History

[Create Profile](#) → [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.



## Back End Design:

