

# WOOFER

## DEVELOPMENT PROPOSAL

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Start Date: 16 March 2022

Timeline: 3 weeks

Woofers is a straight-forward dating app for our furry friends. Users can customize a dating profile, update preferences, match with nearby users, and chat with mutual matches.

A solo full-stack MERN project completed to practice test-driven development with modular code. This was created in several weeks following the ticket system with feature branches.

### Links

Demo Link: <https://woofer-demo.herokuapp.com/>

Source Code: (GitHub Repository) - <https://github.com/spencerlepine/woofer>

Ticket System:

- Project Steps: (Trello Board) - <https://trello.com/b/tYtdHAT5/woofer-project>
- Development: (Trello Board) - <https://trello.com/b/kf2DJ80r/woofer-development>

### Technology Stack and Deployment Strategy

Frontend: React, Burma (CSS), Firebase (Auth), *React Hooks/Context for state management*

Backend: Express, Nodejs, Socket.io

Database: MongoDB

Testing: Jest, React Testing Library, supertest

Continuous Development: Github Actions, ESLint, Prettier, Husky

Deployment: Netlify, Heroku

## **Project Features/User Stories**

### **Navbar Features:**

- Should render App Logo (link to Swipe/Home Page)
- Should render login button when NOT logged in
- Should render logout button when logged in
- Should render link/icon to open chat/messages page
- Should highlight chat link/icon when UNREAD messages exist
- Should render link/icon to Profile page
- Should render link/icon to Settings page

### **Accounts Features::**

- User can create an account with the signup form
- User should be required to sign up with details such as full name, preferred gender, zip code
- User can login with email/password
- OPTIONAL: User can login with Google/Facebook
- User should not be able to access pages without being logged in

### **Swipe Page Features::**

- User can see dog profile photo, "boi, zodiac sign, age, breed", and YES and NO buttons
- User can scroll through photo carousel, which shows one photo at a time
- User can view dog details, "bio, zodiac, breed, age", below photo, and collapse it
- User can click YES/NO buttons to swipe on the currently displayed dog
- Match Made! Modal should pop up if a match was made

### **Match Made! Modal Features:**

- User can see modal popup that darkens the rest of the page behind it
- User can see MAIN photo and name of the matched Dog
- User can see the message "Match made!"
- User can click OPEN CHAT button, which redirects to chat page

### **Profile Page Features::**

- User can visit their profile page
- User can view/update display name with text input, alphabet characters with 15 char limit
- User can view/update bio with text input, alphabet characters with 255 char limit
- User can view/update zodiac sign from dropdown selection
- User can view/update gender from dropdown
- User can view/update preference from dropdown
- User can view/update breed with text input
- User can view/update list of chosen zip codes, add/remove a zip code to the list
- OPTIONAL: User can view/update breed preferences

### **Profile Page Images Carousel Features::**

- User can view a photo carousel

- Carousel will have up to 9 photos
- User can rearrange the order of the photos
- User can remove photo from the carousel
- User can upload new photo to the carousel (add button is displayed in LAST open carousel slot when less than 9 exist)
- User can upload a photo or type a URL in popup modal

#### **Profile Page Preference Section Features::**

- User can select preferred gender
- User can view to list of zip codes they are apart of
- User can add/remove to list of zip codes they are apart of

#### **Settings Page Features::**

- User can visit their profile page
- User can view/update display name with text input, alphabet characters with 15 char limit
- User can view/update bio with text input, alphabet characters with 255 char limit
- User can view/update zodiac sign from dropdown selection

#### **Chat List Page Features:**

- User can see list of all chats available for this user
- User should see OTHER users name and profile picture
- User should see last message sent and the time
- User should see bold or indicator for unread messages
- User can click more button to open chat options
- Chat options allow user to delete chat or block the respective user

#### **Chat Messenger Page Features:**

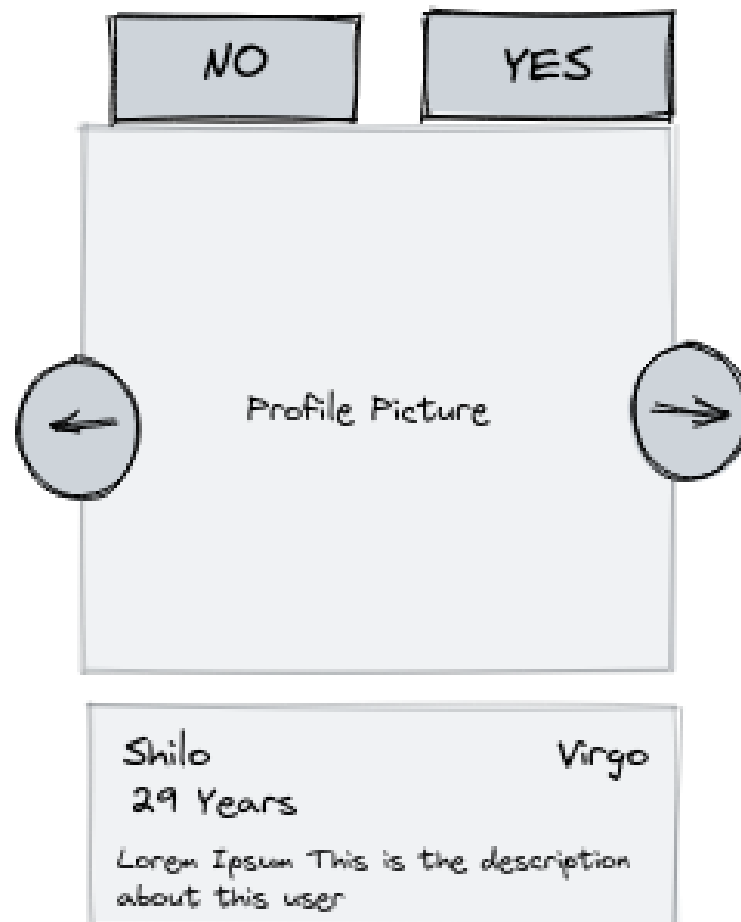
- User can see OTHER user's name and profile picture
- User can see chat box and scroll through messages
- User can type and send messages in the chat
- User should be able to text in real time
- User can view open chat details
- Chat details should have option to delete the chat or block the user
- Chat details should have display a button to view the full OTHER user's profile

### **Features *Outside V1 Scope***

- As a user, I want to share a recommended dog park in chat. It should be close to both users.
- As a user, I want to send a calendar invitation, as an offer for a date. The calendar event should have a date, time, and location.
- As a user, I want to upload images files from my computer. This would be stored in the database OR an external service, and generate a link automatically.
- As a user, I want to specify preferred breeds, age range, and height for possible matches

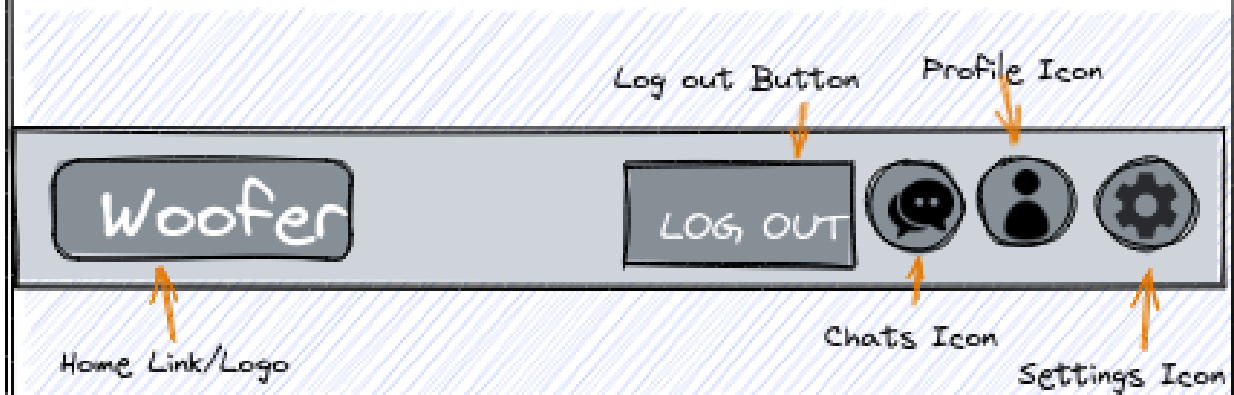
## Wireframes

### Swipe Page



## Navbar

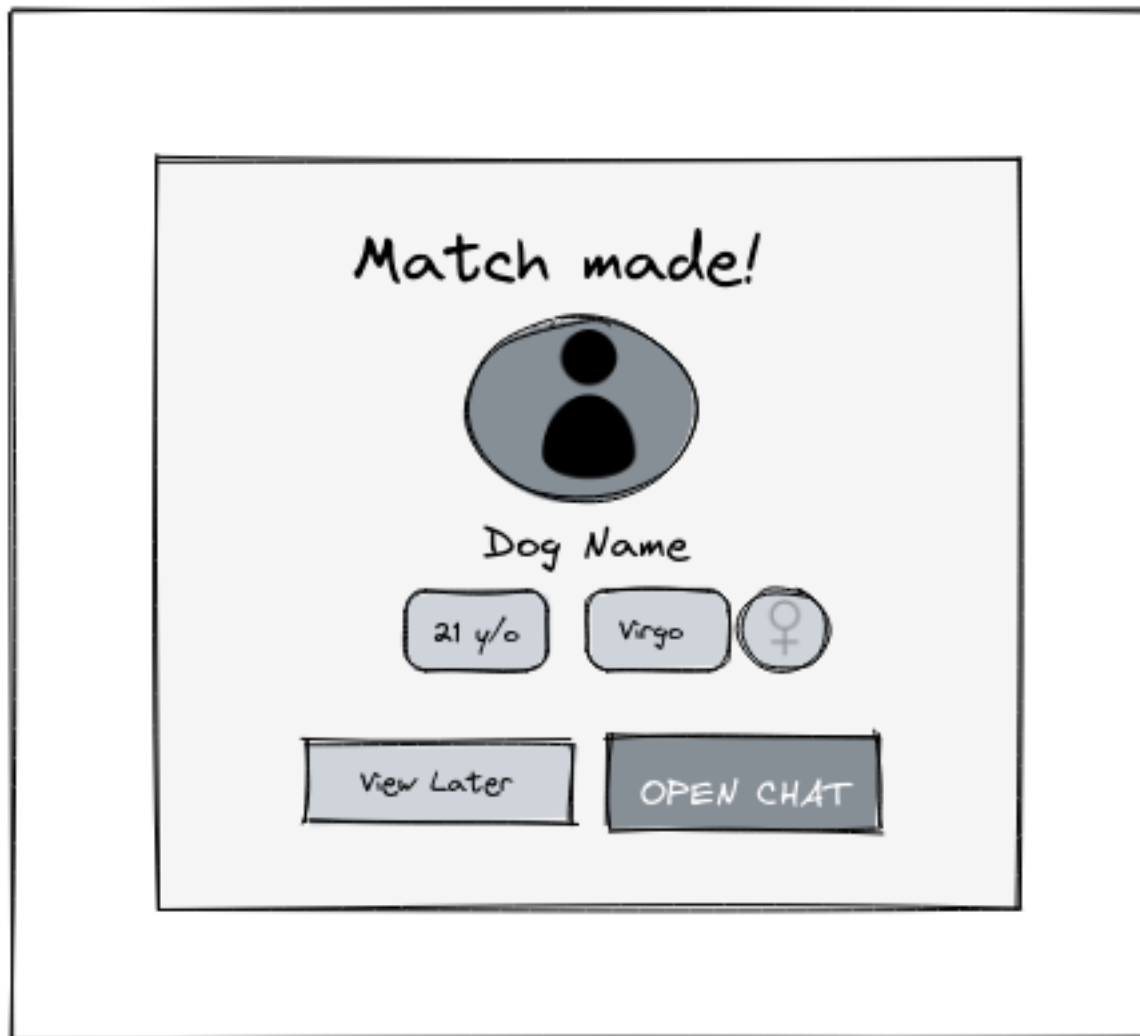
### When Logged In:



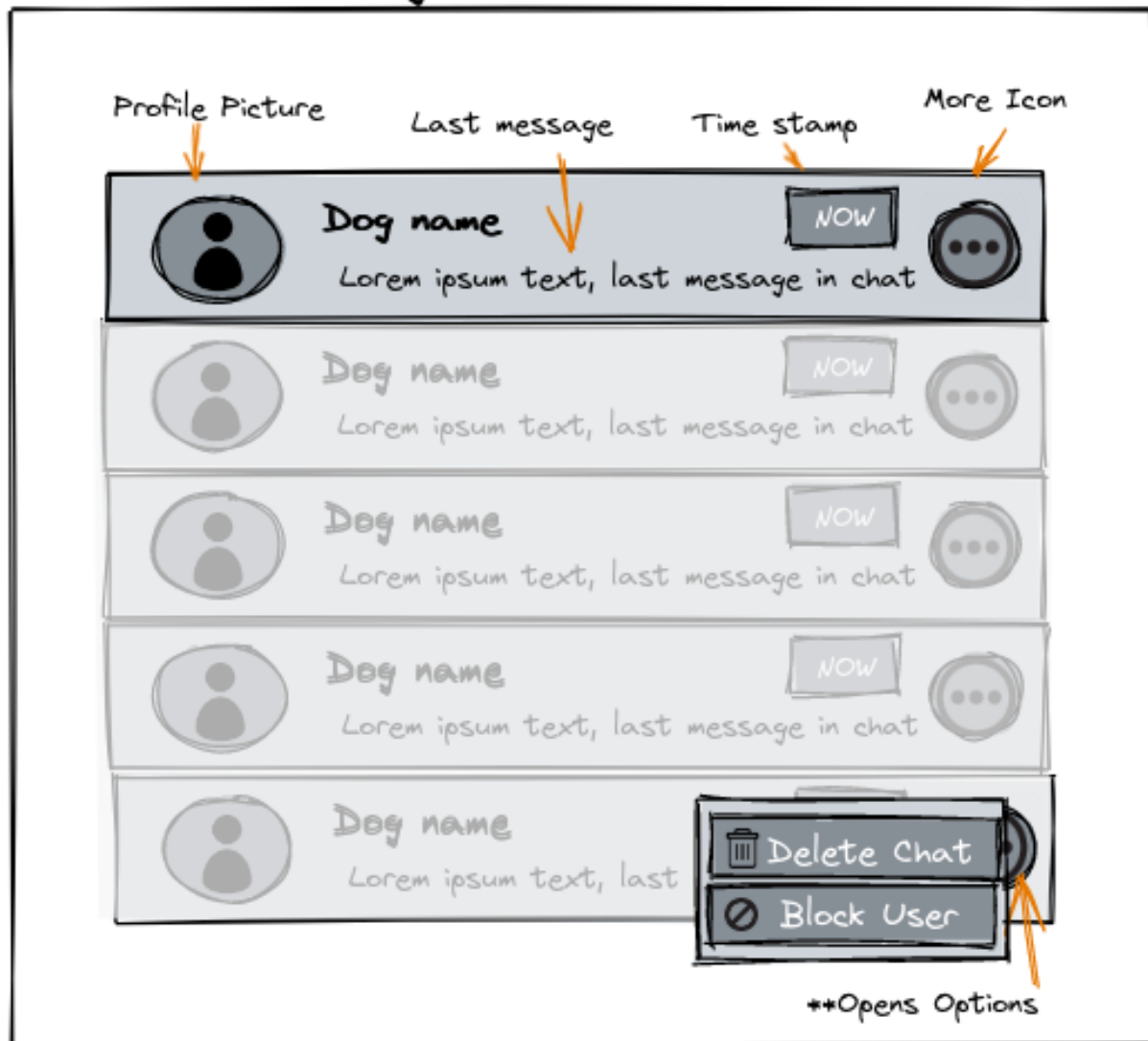
### When NOT Logged In:



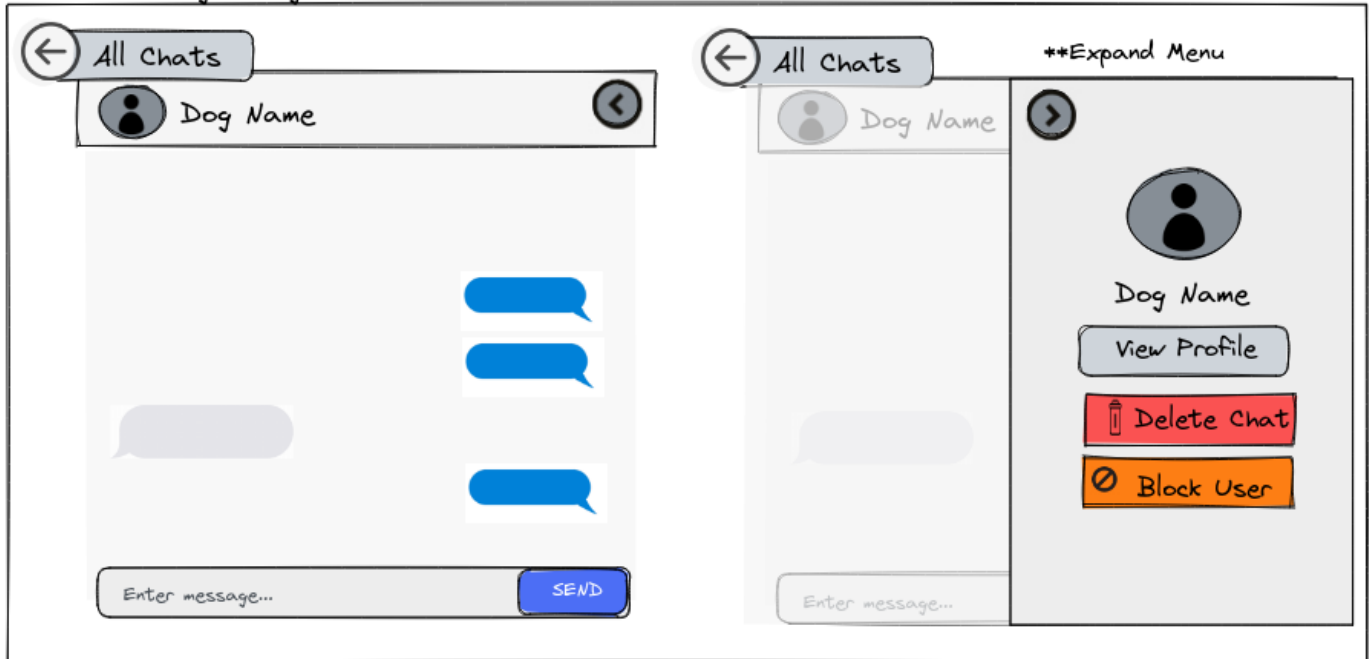
## Match Made Modal



# Chat List Page



## Chat Messenger Page





## Settings Page



 New Photo

 Remove Image

Username

dogId12345

SAVE

Email

shiba@gmail.com

SAVE

Birthday

10/12/1996

SAVE

Reset Password

Type new password..

Confirm Password

SUBMIT

DELETE ACCOUNT

## Profile Page

Profile	Images	Preferences
<div>Edit Photos ↗</div> <div>Preferences ↗</div>		
Display Name		
<div>Dog Name</div> <div>SAVE</div>		
Bio		
<div>Bork bork bork woof bork bork bork woof woof</div> <div>200/255</div> <div>SAVE</div>		
Gender		
<div>MALE</div> <div>FEMALE</div>		
Breed		
<div>Shiba</div> <div>SAVE</div>		
Zodiac		
<div>Virgo</div> <div>▼</div>		
Group		
<div>Herding</div> <div>▼</div>		



## Profile Page - Preferences

Profile	Images	Preferences
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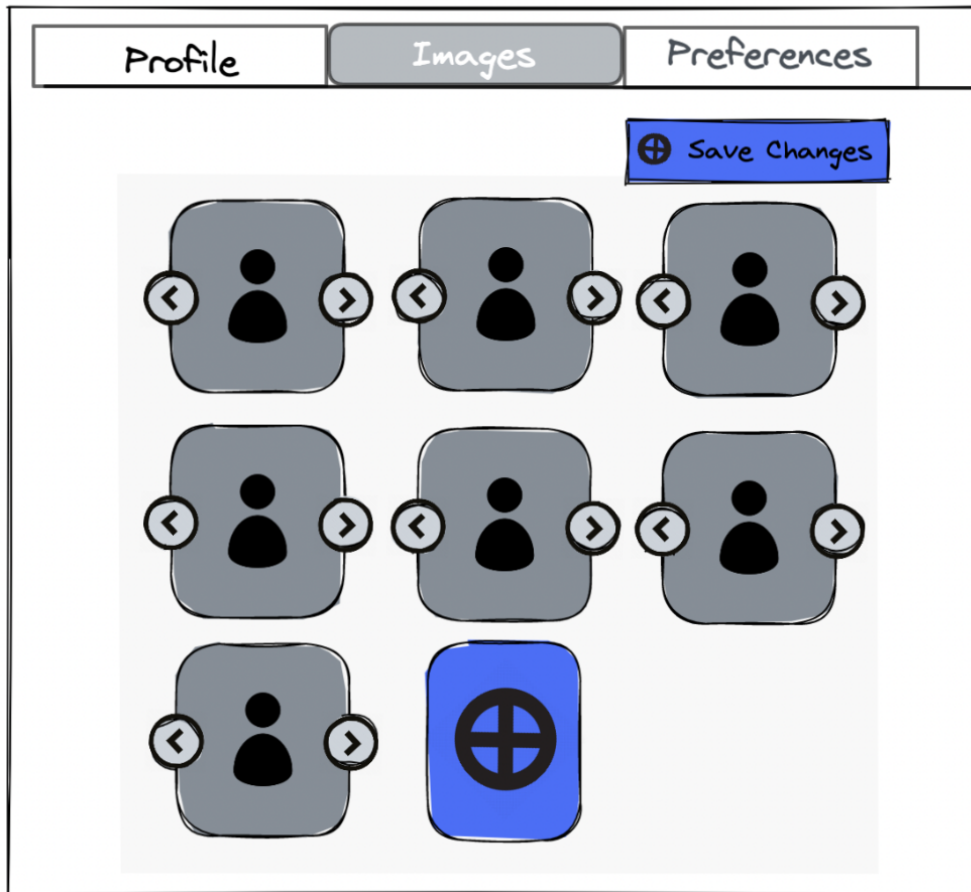
Gender Preference

MALE FEMALE

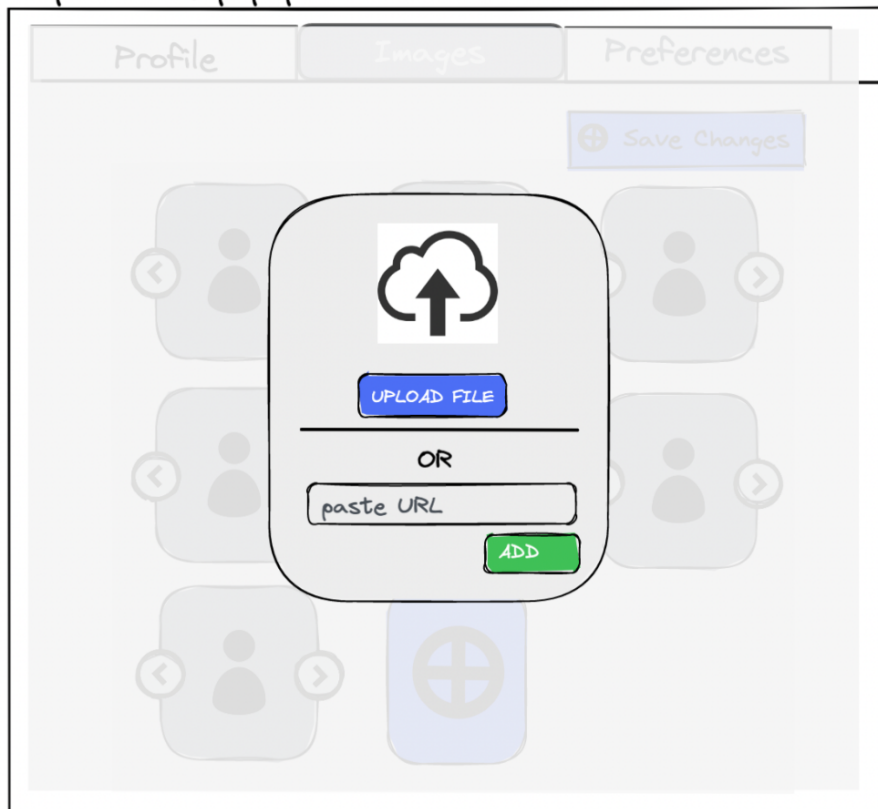
Zipcodes

012348	
012348	
Type Zipcode	ADD

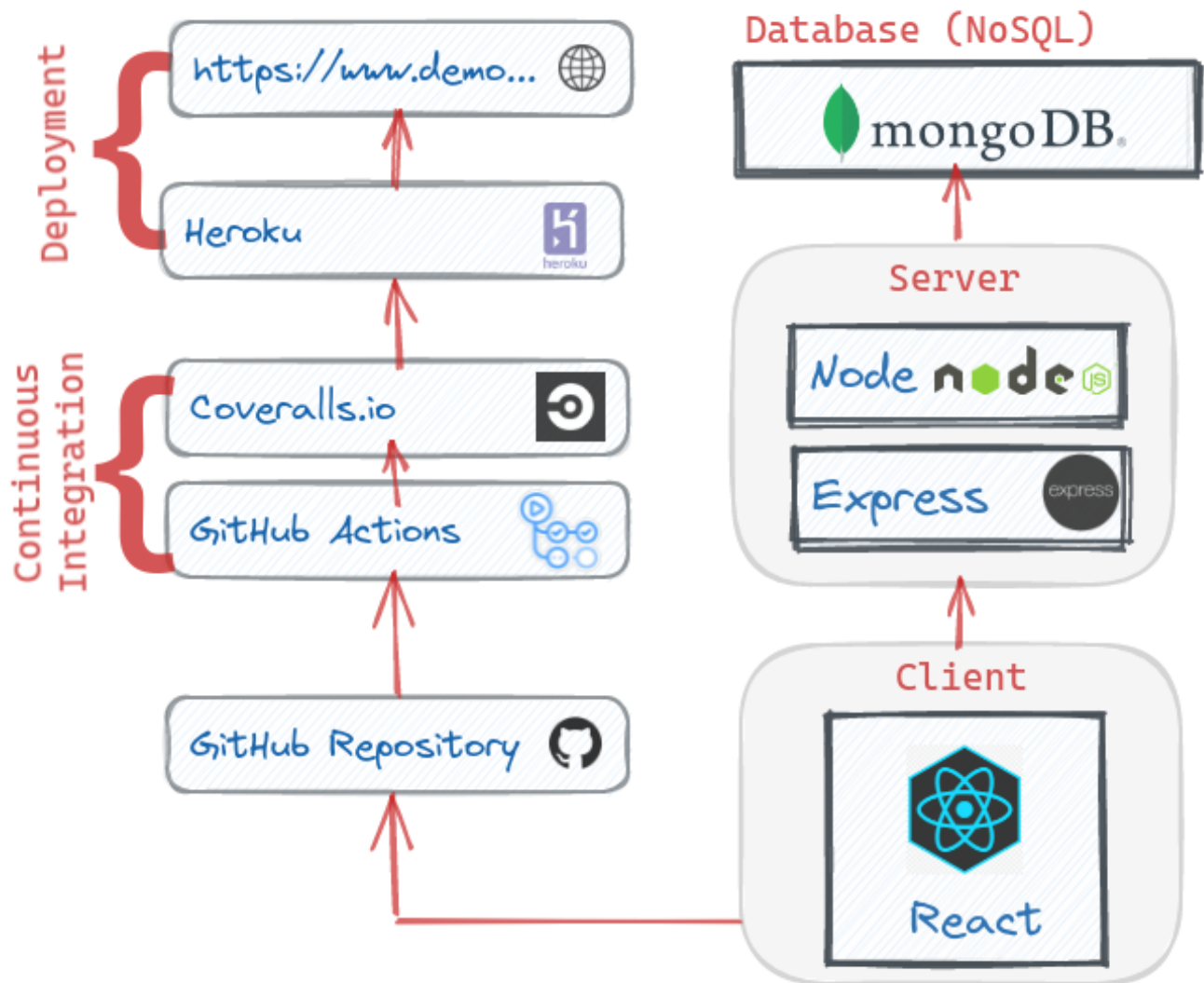
## Profile Page - Images



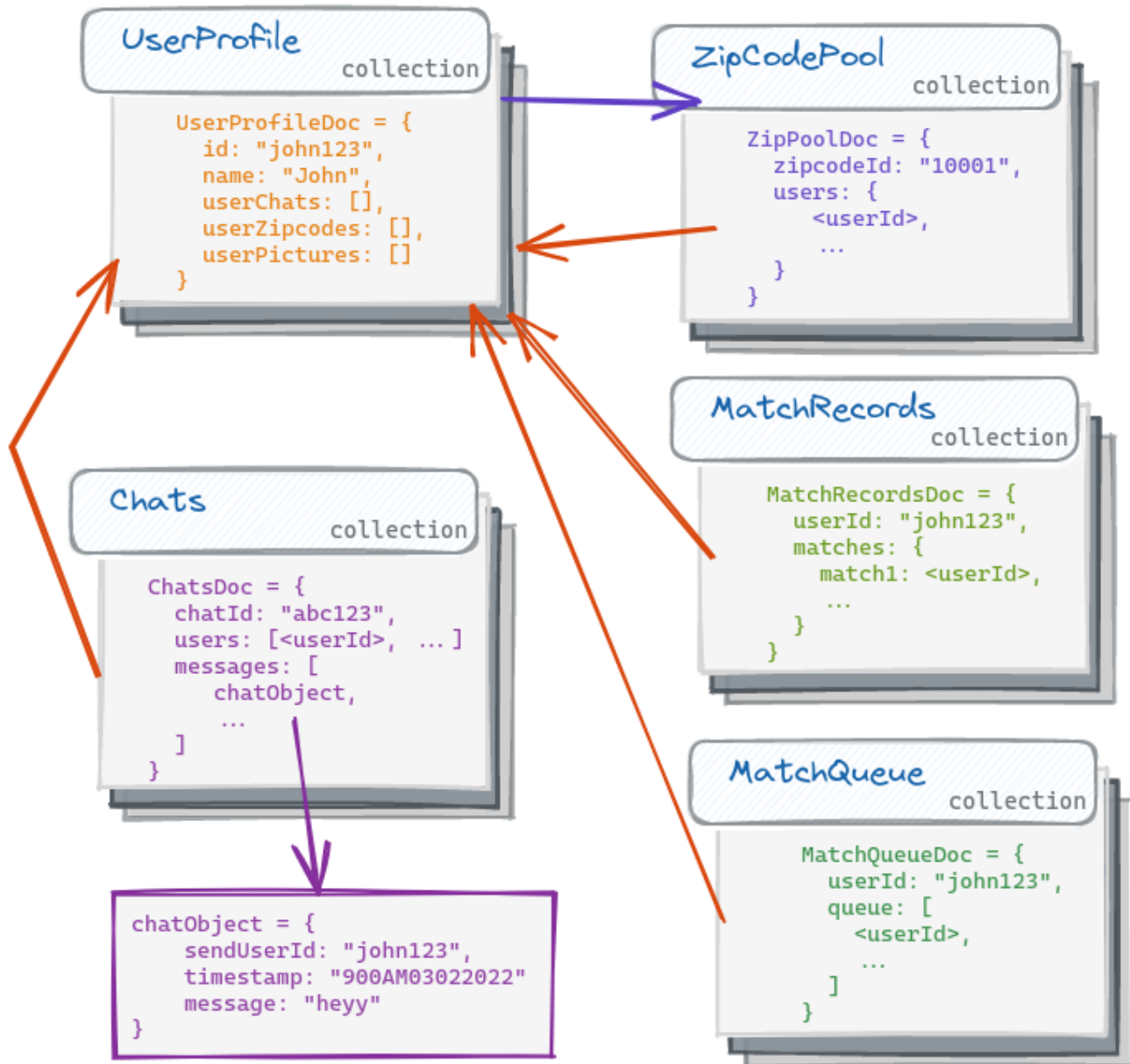
## Upload File popup modal



## Full Stack Architecture



## Database Design



## Logo Proposal





**woöfer**

**woöfer**

**woöfer**



## Color Scheme

COLOR	INFORMATION
	<ul style="list-style-type: none"> <li>Name: Purple Plum</li> <li>Hex: #9E53B6</li> <li>RGB: (158, 83, 182)</li> <li>CMYK: 0.131, 0.543, 0, 0.286</li> </ul>
	<ul style="list-style-type: none"> <li>Name: Maximum Purple</li> <li>Hex: #732B80</li> <li>RGB: (115, 43, 128)</li> <li>CMYK: 0.101, 0.664, 0, 0.498</li> </ul>
	<ul style="list-style-type: none"> <li>Name: Corn</li> <li>Hex: #FAE55D</li> <li>RGB: (250, 229, 93)</li> <li>CMYK: 0, 0.084, 0.628, 0.019</li> </ul>
	<ul style="list-style-type: none"> <li>Name: True Blue</li> <li>Hex: #0056DF</li> <li>RGB: (0, 86, 223)</li> <li>CMYK: 1, 0.614, 0, 0.125</li> </ul>
	<ul style="list-style-type: none"> <li>Name: Blue Cola</li> <li>Hex: #0099E5</li> <li>RGB: (0, 153, 229)</li> <li>CMYK: 1, 0.331, 0, 0.101</li> </ul>
	<ul style="list-style-type: none"> <li>Name: Tart Orange</li> <li>Hex: #FF4C4C</li> <li>RGB: (255, 76, 76)</li> <li>CMYK: 0, 0.701, 0.701, 0</li> </ul>
	<ul style="list-style-type: none"> <li>Name: American Green</li> <li>Hex: #34BF49</li> <li>RGB: (52, 191, 73)</li> <li>CMYK: 0.727, 0, 0.617, 0.250</li> </ul>



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