

Screen Sketches

Project Title: Werqout

2_HB_2

Angelo Bellizzi, Colin Brenizer, Evan Uhlmeyer, JJ SchraderBachar

Actors

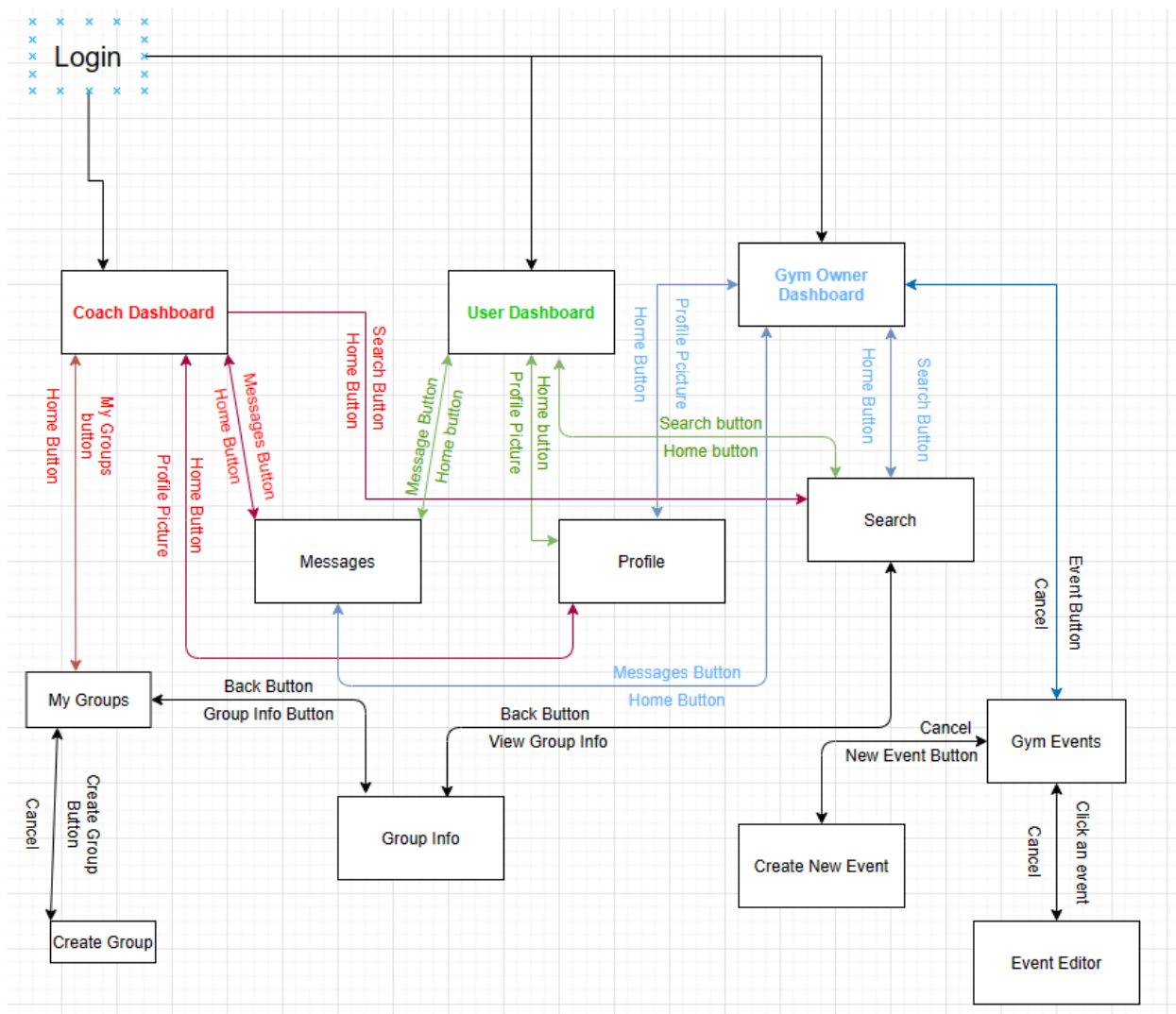
1. Athlete: Has the privilege to:
 - a. Join groups
 - b. Search for groups, gyms, events, people
 - c. Send and receive messages with friends/coaches
 - d. Rate coaches and gyms/gym owners
2. Coach: Can do everything an athlete can as well as:
 - a. Create and manage groups
 - b. Create/edit workout plans
 - c. Communicate with gym owners to plan event times
3. Gym Owner
 - a. Create and manage gym pages
 - b. Create and manage events
 - c. Promote coaches who go to their gyms
 - d. Manage what times groups are able to use gyms

Non-Functional Requirements

1. Fast Relevance/feedback based search functionality
2. Scalability - Important for an app focused on social interaction, plan for user base to grow over time
3. User should not have to wait for than three seconds for changes in their groups to be made
4. User should not have to wait more than 0.5 seconds for a UI element to react to input
5. UI should be user friendly and easy to use

Tables and Fields

1. Users: Tracks information related to a user's account
 - a. User ID- Primary key
 - b. Username
 - c. Password
 - d. Last Login Time
 - e. Email
 - f. User type
 - g. Friends
 - h. Rating
2. Groups: Tracks information related to a groups activity
 - a. Members Foreign ID to User table
 - b. Coach- Foreign ID to User Table
 - c. Group ID- Primary key
 - d. Workouts
 - e. Description
 - f. Usual Gym - Foreign ID to Gym table
 - g. Rating
3. Gyms: Tracks activity made by gym owner and members/ groups that train at that gym
 - a. Gym ID - Primary key
 - b. Gym Owner - Foreign ID to User table
 - c. Gym Events - Foreign ID to Events table
 - d. Address/Location
 - e. Description
 - f. Rating
4. Events: Tracks information related to the events.
 - a. Event ID - Primary key
 - b. Gym - Foreign ID to Gym table
 - c. Attending People - Foreign ID to User table
 - d. Event time
 - e. Description
5. Messages: Tracks messages sent back and forth between different users
 - a. User 1, 2 - primary key
 - i. Use user pairs to find message history
 - ii. Sender
 - iii. Receiver
 - iv. Time
 - v. Read Status



Coach
Dashboard/Home
Page

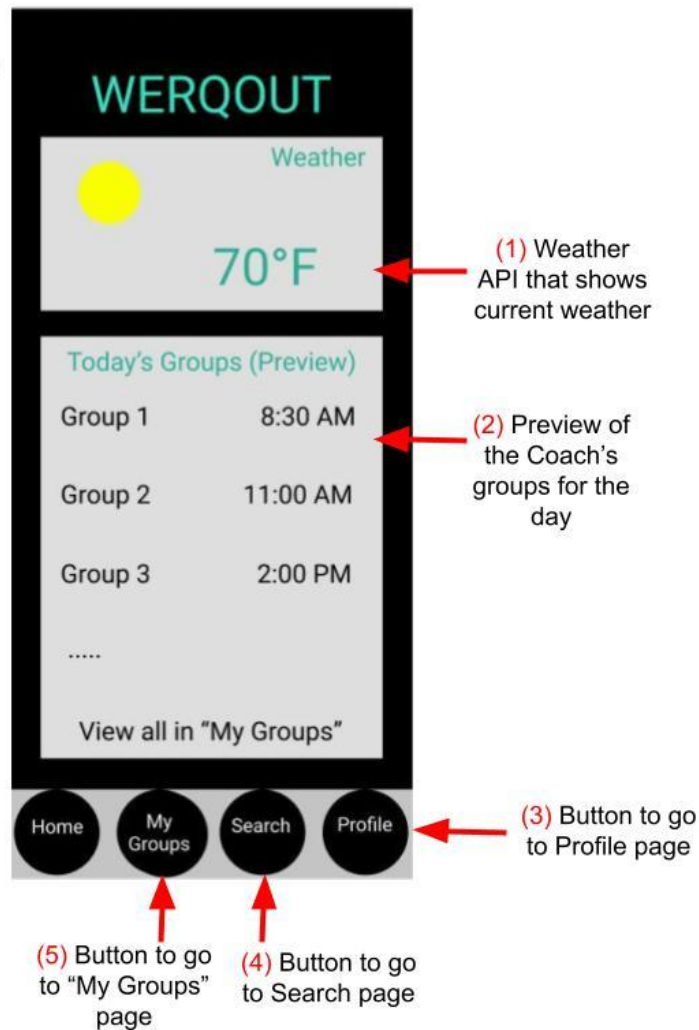


Figure 1: Coach's Home Page

This screen allows a coach to see the weather for the day and a preview of their groups' workouts for the day. It can be accessed by clicking the "Home" button at the bottom of the screen.

The coach's home page does not have many buttons, but the coach can see what they have planned for the day at a glance. The weather API (1) shows the conditions outside, including the temperature and more. The preview of the coach's workouts for the day (2) shows the group names and times for their workouts. The buttons at the bottom, "Profile" (3), "Search" (4), and "My Groups" (5) go to different pages under the "Coach" user.

"My Groups" Page - Angelo Bellizzi

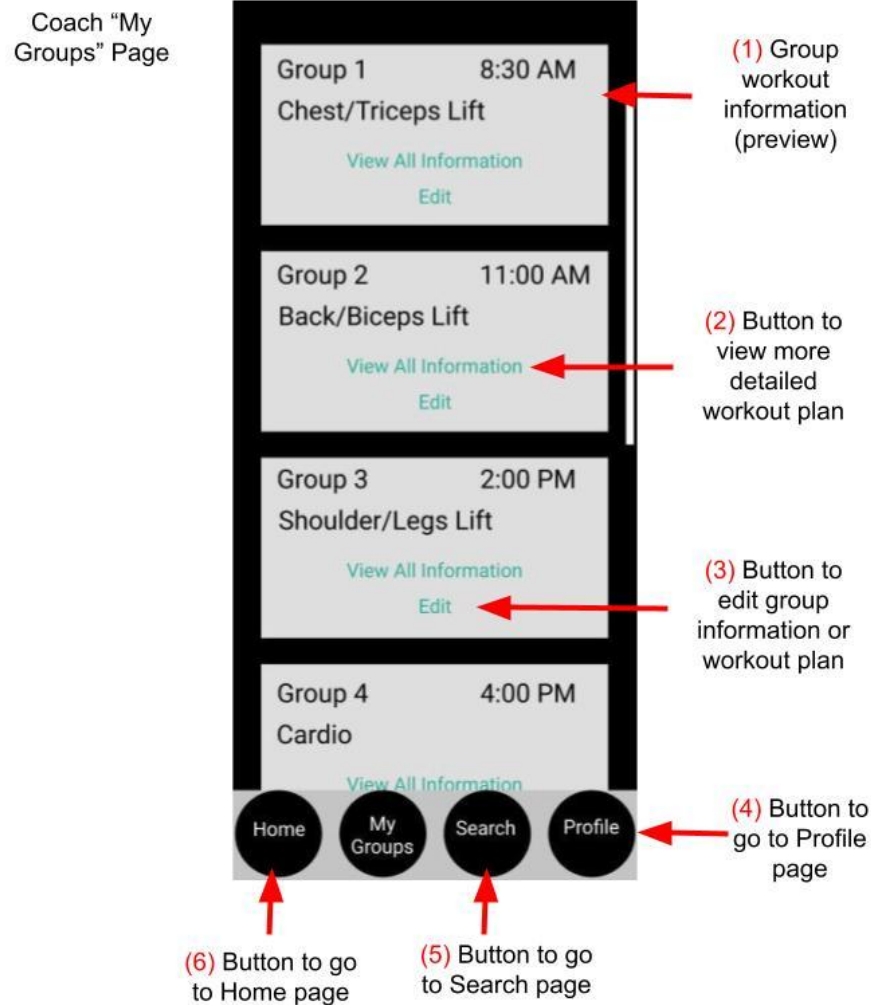
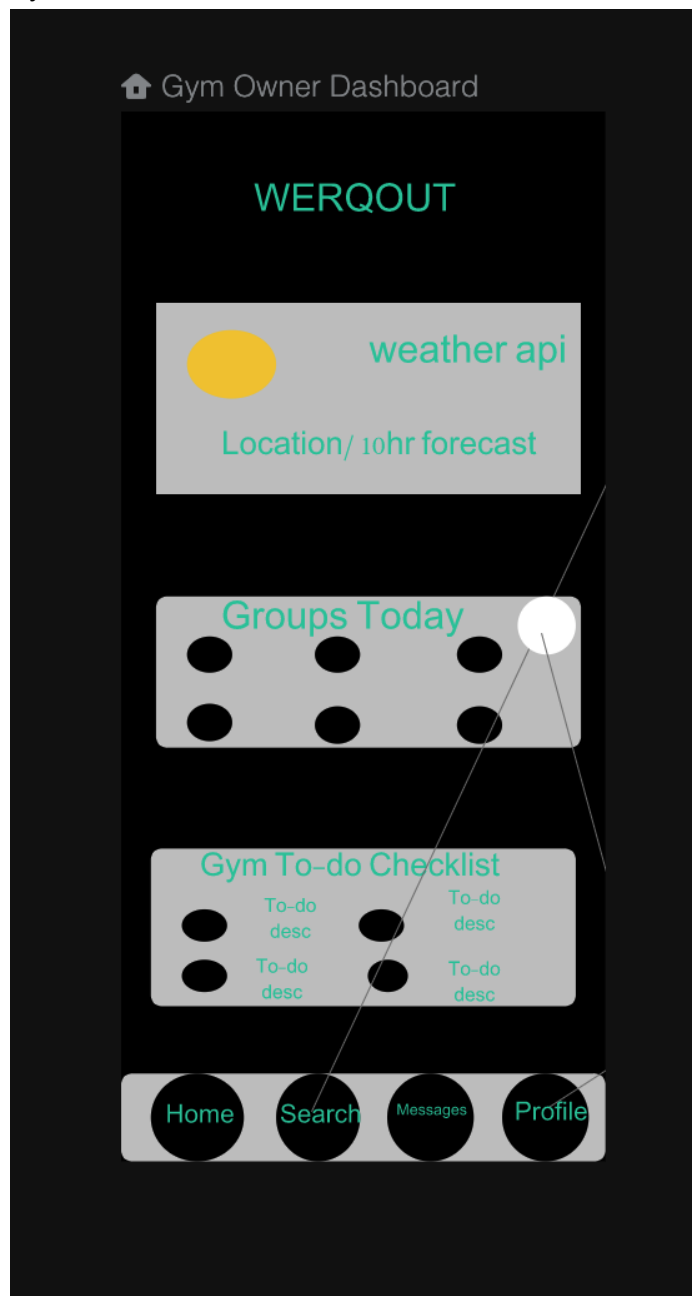


Figure 2: Coach's "My Groups" Page

The "My Groups" page allows the coach to see all of the workouts and groups planned for the day. It can be accessed by clicking the "My Groups" button at the bottom of the screen.

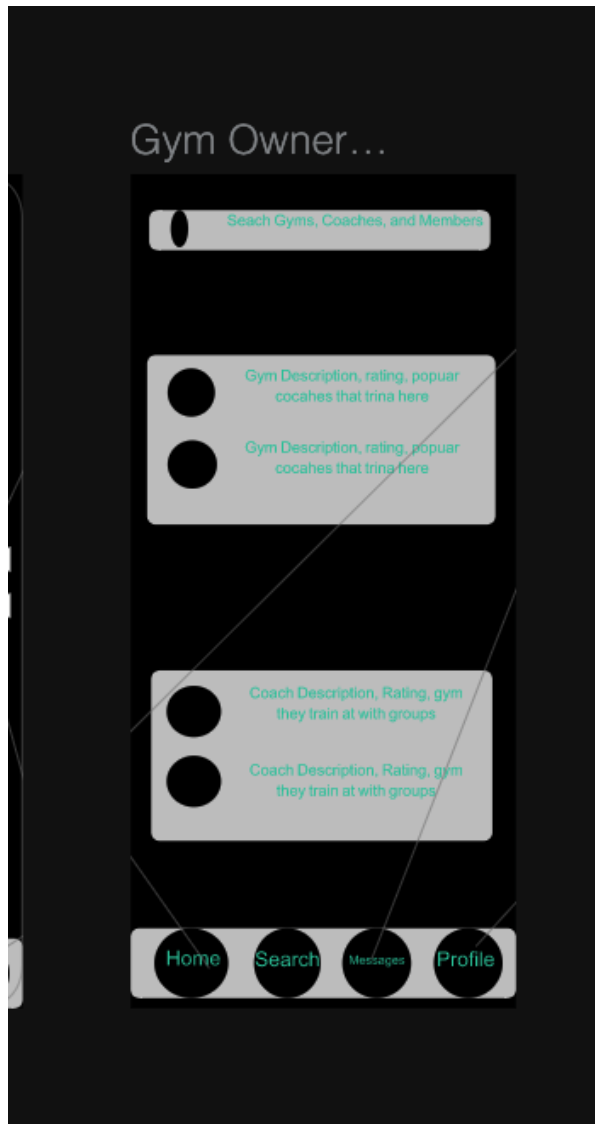
This page features previews of the workouts (1) like the Home page, but it also includes the type of workout that the group is doing that day. Within these previews, there is a "View All Information" button (2) where you can view all of the exercises for that workout and more details. There is also an "Edit" button (3) where the coach can edit the workout plan, time, or other details. The buttons at the bottom, "Profile" (4), "Search" (5), and "Home" (6) go to different pages under the "Coach" user.

Gym owner dashboard



This is the home screen for the gym owner actor. It has a weather api, groups today widget which will hold the groups working out at the gym today (black circles). The white button will open a create new event screen to add a slot for a group to come train at the gym. The bottom widget is a gym to do checklist where each black circle is just a checkmark that they can click when they complete a task they need to do for the gym and the task will disappear. The bottom navigation bar goes to the search page, messages page and gym profile page. Which I will explain below.

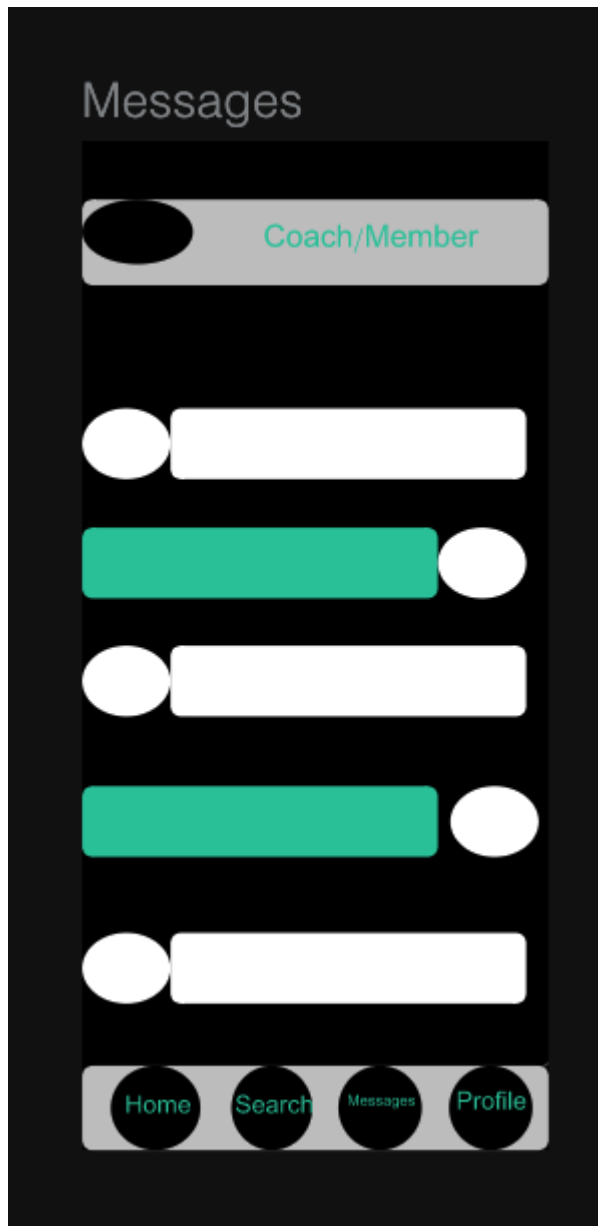
Gym owner search page



This is the gym owner search page where the gym owner can search other gyms, coaches and members- also known as athletes.

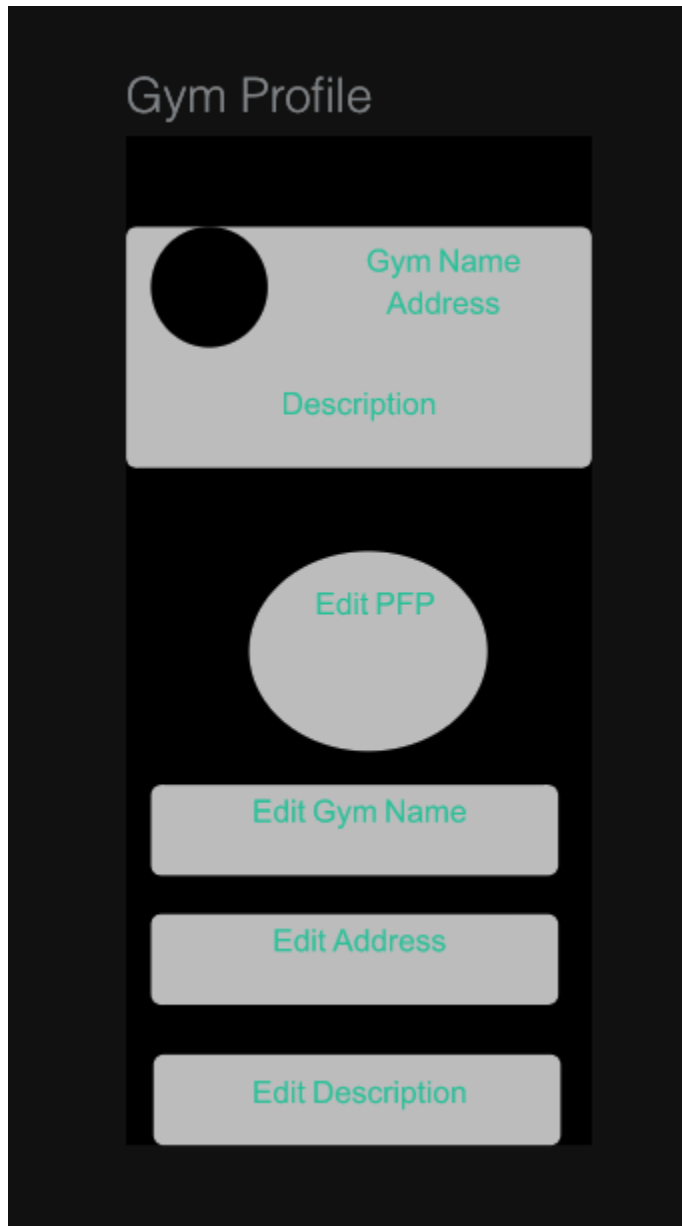
The app will populate with gyms that are close to the search criteria with their profile pic, description, rating (by coaches and members), and if there's a popular coach there too it will also show up. Below that is the same thing for coaches but it shows their rating, gym they train at and their groups. Ideally this could be used to message them and ask about adding them to an event slot in the gym.

Gym owner Messages Page



This is the messages page, with the coach or member or other gym owner they are trying to contact and their profile picture. The green is the user's message and the white is the other person's message.

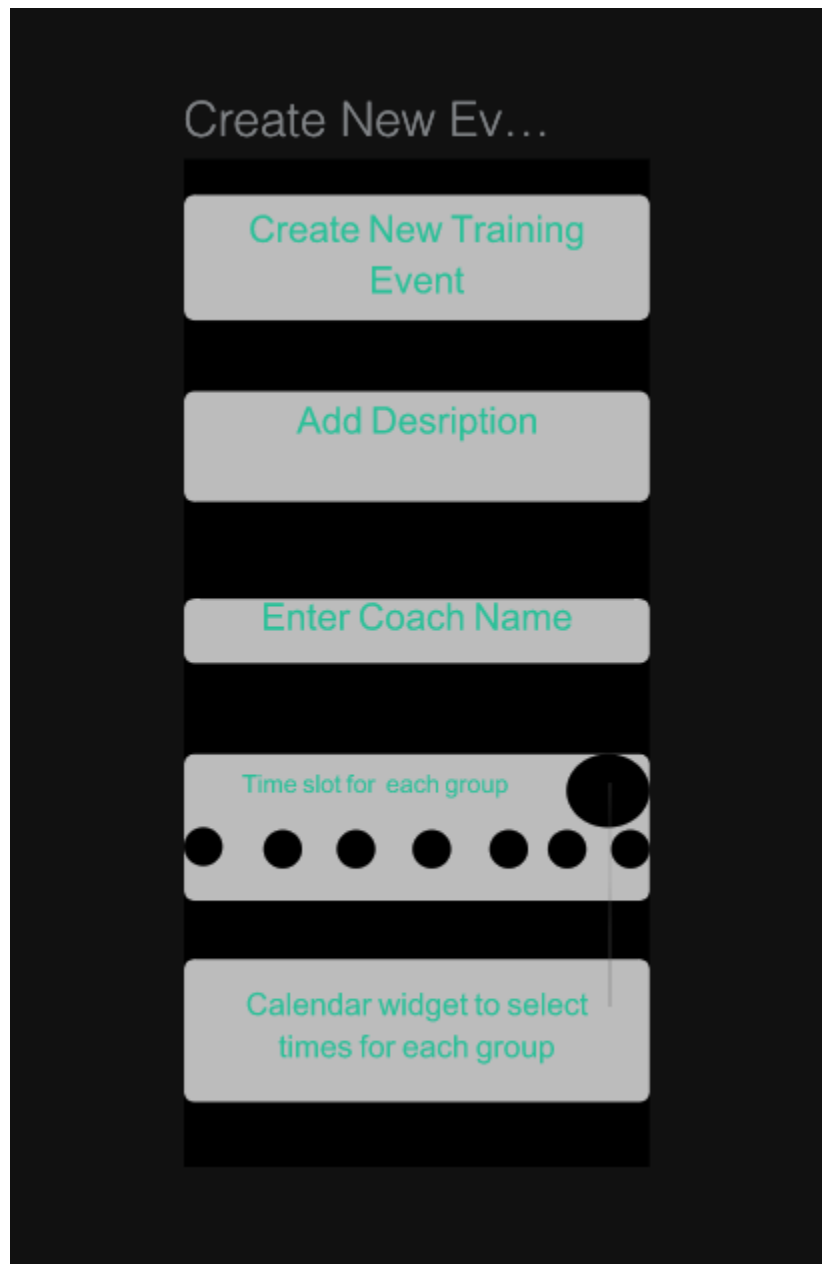
Gym Profile page



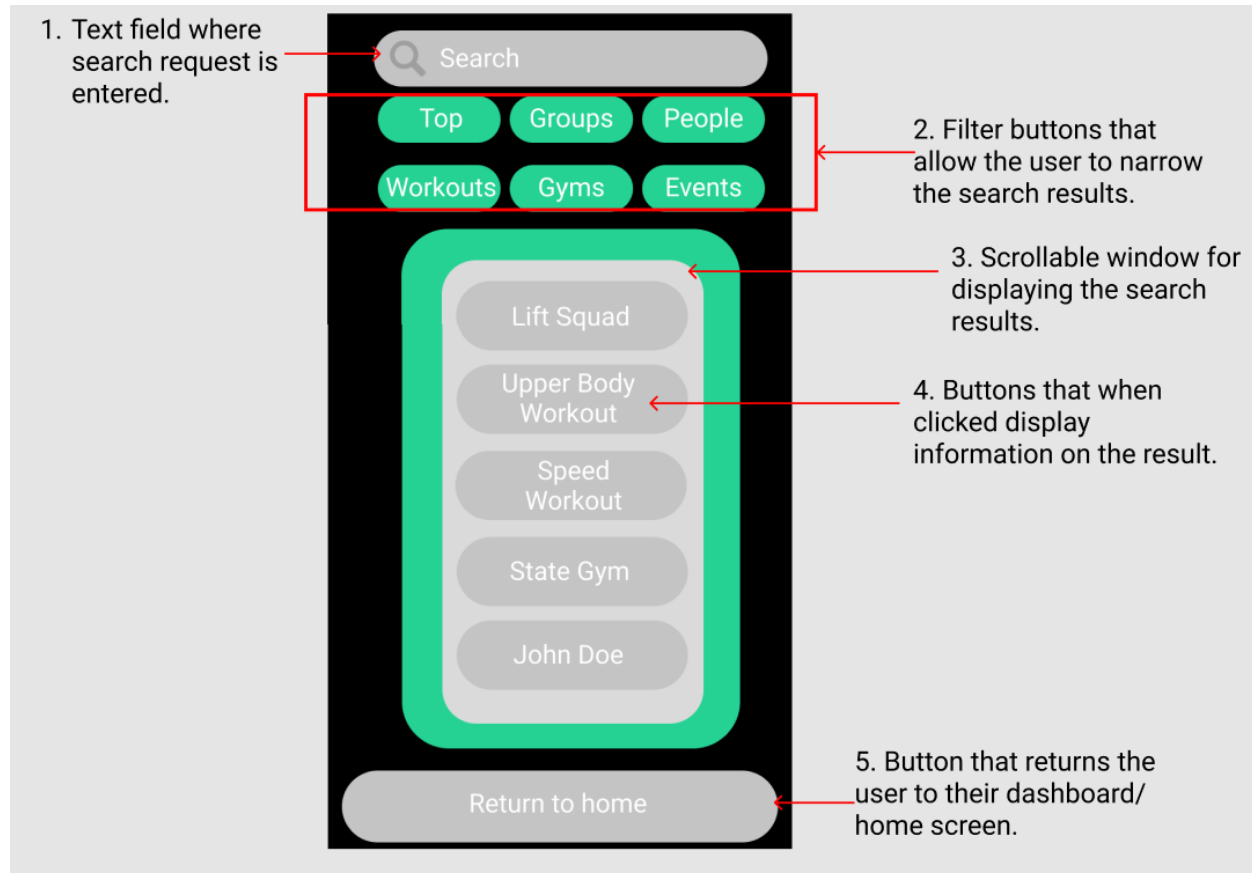
The image shows a mobile app interface for a gym profile. At the top, the title "Gym Profile" is displayed in a light gray font. Below the title is a light gray rounded rectangle containing a black circular profile picture placeholder on the left. To the right of the picture, the text "Gym Name" and "Address" is shown in a light gray font, with "Gym Name" on the top line and "Address" on the bottom line. Below this text, the word "Description" is displayed in a light gray font. Underneath the profile information box is a large light gray circular button with the text "Edit PFP" in a light gray font. Below the circular button are three light gray rectangular buttons stacked vertically, each with text in a light gray font: "Edit Gym Name", "Edit Address", and "Edit Description".

This is the profile page of the gym where they can add the name, address, profile picture, description of the gym (motto, what style of training etc). Edit pfp button to edit the profile picture. Edit gym name, address, and description buttons.

Gym Owner Create New event page

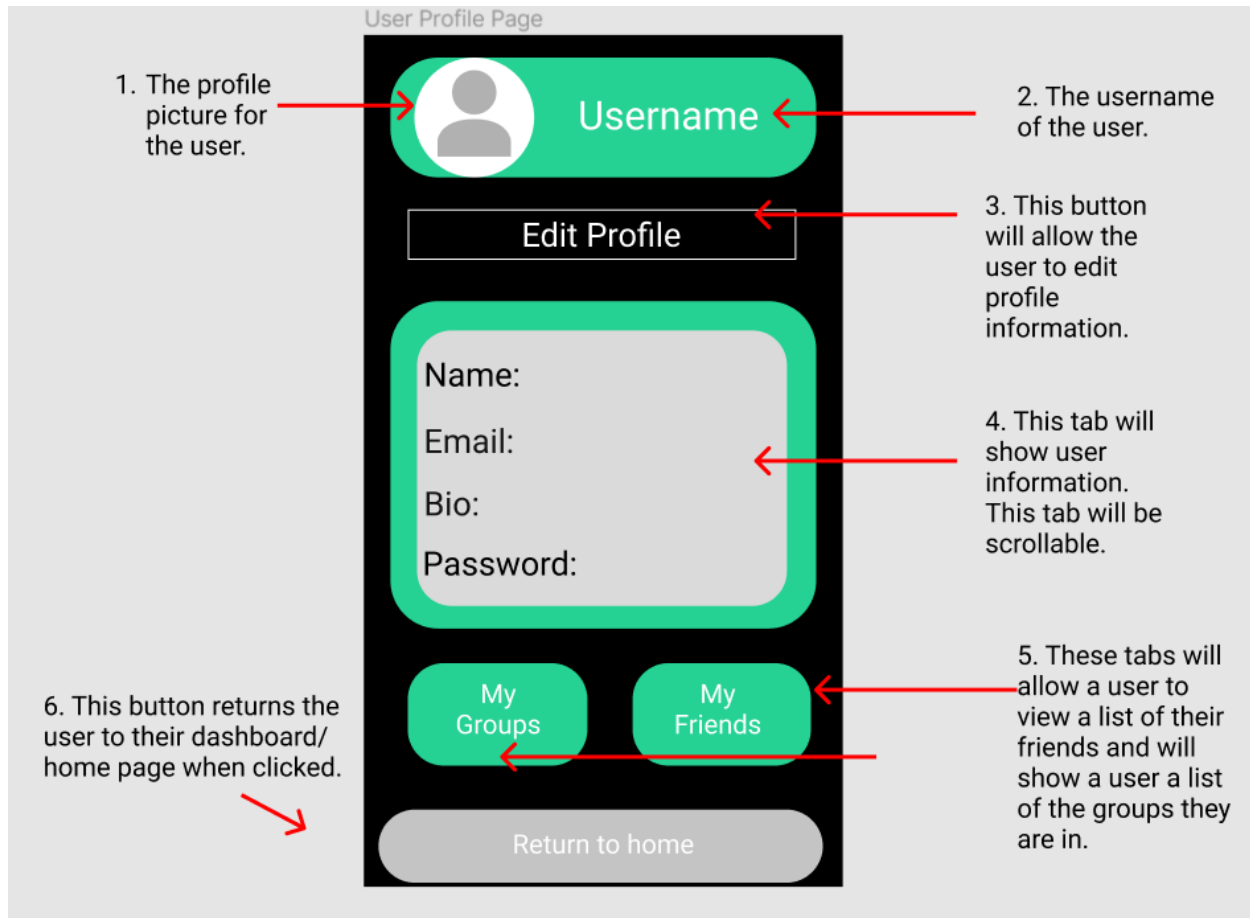


This is the create event screen for the gym owner I mentioned earlier where they can set up time slots in their gym for groups to come train. The top is the button that allows you to create a new event. If there are event's already at your gym, it will show the second from bottom widget with groups training today instead of a time slot for each group. If there are none this is the page that will show up. They can add a description of the event, what type of training, a sale in the gym, different parts of the gym etc. The coach they want to add who can then go add his groups. And the time slots open and then the calendar widget to select a day and a time. Will most likely be using an external tool for this but not sure which one yet.



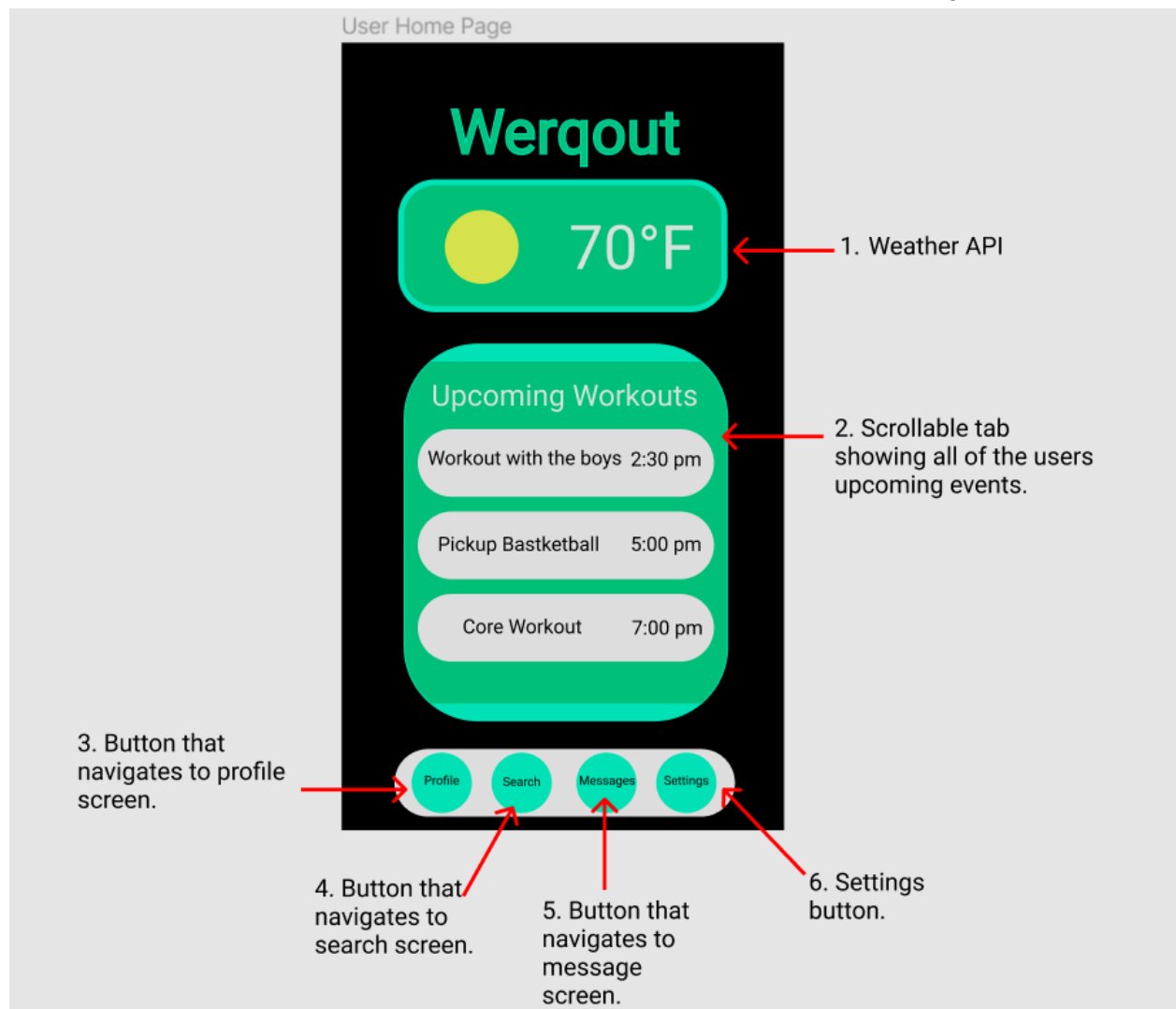
The search screen will allow users to navigate through the resources that the app has to offer. This screen will be accessible by tapping the search button at the bottom of the home screen. Users can enter their search in the search bar and then choose to filter results using the filter buttons.

The search bar (1) will be a textbox that receives the search from the user and the filter buttons (2) will allow the user to filter the results into various categories such as groups, other users, workout plans, gyms, and events. The top filter will serve as the default filter and will show the top results. The screen will feature a scrollable textbox (3) that will display the search results. The user can look at information on a result by clicking on it (4). The button at the bottom of the screen (5) will return the user to their dashboard when it is clicked.



The profile page will display various different kinds of information on the user, such as their name, email, bio, and password. The profile page will also allow users to manage their personal information through the edit function. The user can also view their friends list and a list of groups they are in on this screen. This screen can be accessed by pressing the profile button at the bottom of the home screen.

The profile picture (1) and the username (2) will be displayed together at the top of the screen. The user can click on the edit profile button (3) update information in their profile. The information tab (4) will display all of the user's information and will be scrollable to accommodate the amount of text. The three below the information tab (5) will display lists of the user's friends, groups, and created workouts. The button at the very bottom of the screen (6) will help the user to quickly navigate to the home screen.



This homepage is pretty much exactly the same layout as the homepage for a coach. The only real difference is that the upcoming events displayed will be the user's schedule rather than coaches. The homepage displays the weather outside and also has buttons to navigate to other screens.

The homepage doesn't have too much information, it serves mostly as a landing page to navigate from. The local weather is displayed using a weather api (1). The upcoming events tab (2) will be a scrollable display that shows all of the users upcoming events/workouts. Clicking on an event will show the user information about the event. The buttons at the bottom of the screen will navigate the user to other screens such as the profile page (3), the search screen (4), the messages screen (5), and the settings page (6).

Coach New Group Screen

Create New Group

Group Name

Enter Name

1.) Group Name

Members

Enter Members (',' between each)

2.) Group Members

Add Description

Enter Description

3.) Group Description

Choose Events

Calendar widget with member availability and events (maybe on separate screen)

4.) Group Calendar

Create Group Cancel

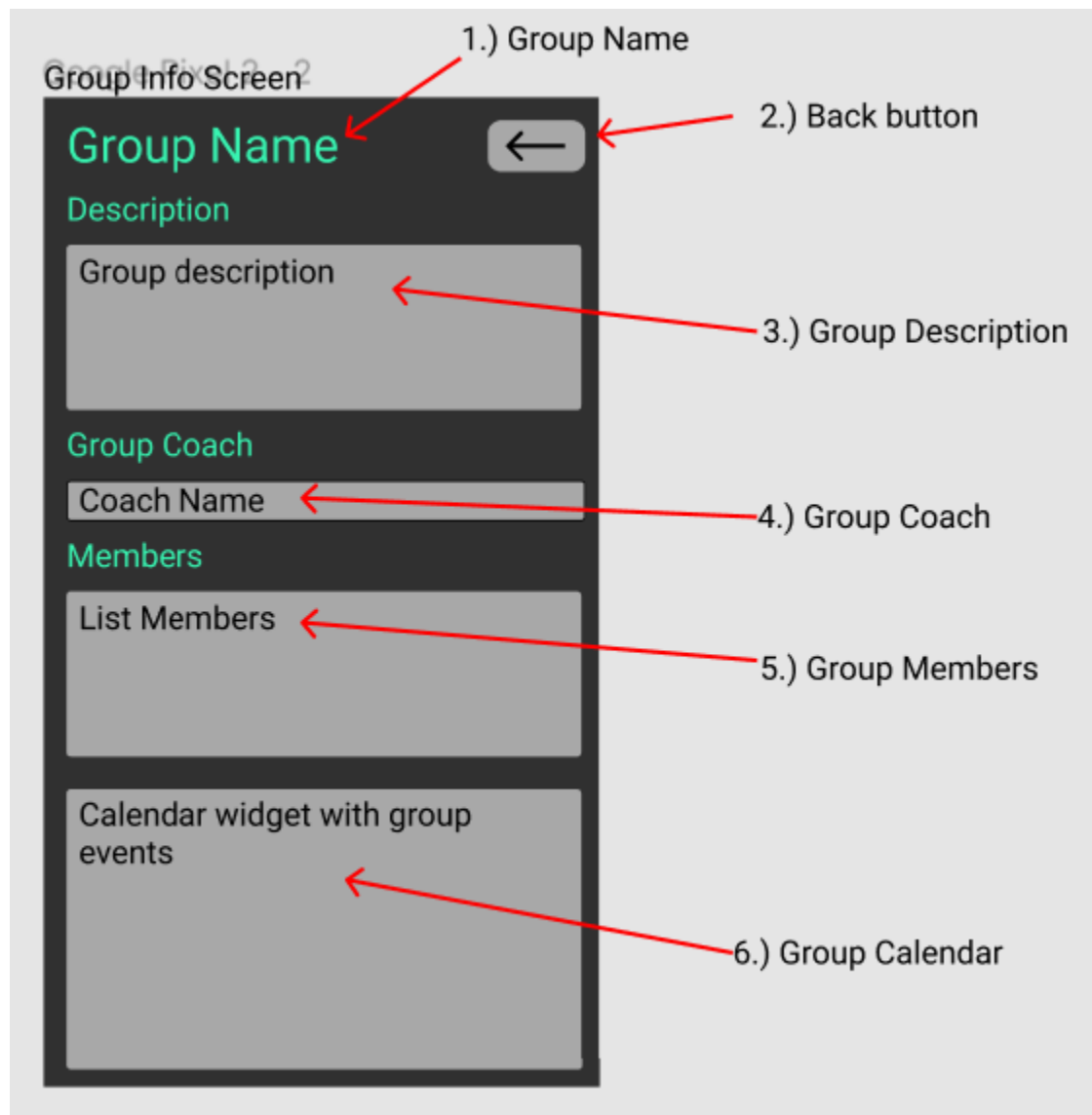
5.) Create/Cancel

This is a screen which will be available to the coach user type. This screen allows a coach to create a new group and define key parameters of the group, including name, members, descriptions, and events.

At the top of this screen there will be some default text "Create New Group" followed by (1) Group Name - a simple text field where the coach can enter a desired unique name for the group, (2) Group Members - A text field where the coach can enter the group members separated by commas, (3) Group Description - A text field where the coach can enter a

description for the group, (4) Group Calendar - A calendar widget which displays availability for the members which have been specified. This may have to go on a separate/second screen so that the users can be submitted - don't know the difficulty to implement this on the same screen as the members field. (5) Create/Cancel - These are two buttons which both lead back to the screen the user was at previously - one of them submits the group to the database and the other just cancels the operation.

All Users View Group Screen - Evan Uhlmeier



This is a page which shows all details for a group. It can be accessed from the User's My Groups screen, as well as the Coach's My Groups screen. You could also find this info by searching for the group. This screen displays the name, description, coach, members, and calendar for a group.

At the top of the screen the first thing you see is (1) Group Name - the name of the group selected will be displayed here. To the right of that is (2) Back Button - a button which will take the user back to the screen they were on previously. Going down the screen we have (3) Group Description - a short description of the group - could include goals, interests, etc. (4) Group Coach - The coach who created this group will be displayed here (5) Group Members - Here there will be a list of all members in the group (6) Group Calendar - This is another calendar widget - Displays events which the group has planned.