

SCREEN SKETCHES

Gym App

Group: 126

Joe Schmidt, Mason Inman, Kyle Jacobson, Lindsey Wessel

## **Actors**

1. Normal User
  - Tracks workouts, posts to profile, joins groups, sends challenges
  - Communicates directly or in groups
  - Sends friend requests to other users
  - Searches for other users and gyms
  - Changes personal settings
2. Business
  - Moderates their “Gym” group chat (by deleting messages)
  - Posts news/events to their profile
  - Changes personal settings
3. Admin: same abilities as a User in addition to:
  - Moderates user messages and group chats
  - Deletes users
  - Changes personal settings

## **Non-Functional Requirements**

- Usability (We want our app to be intuitive)
- Flexibility (We want our users to use it how they want)
- Performance (Should be minimal load times in app)

## Tables and Fields (primary key)

User type permissions

### Business

Name

Address

groupID - references group chats

postID - references posts

### Group chats

groupID

ModID - references Users ID

User list - references Users

Messages

### Posts

postID

Description

accountID - References Users and Business

### Users

Username

Password

groupID\_List - references Group chats

Personal settings - references settings and preferences

userProfile - references profile

friendsList - references User's network

Notifications - references notifications

**Profile** - bio, posts, images, names

Username - references Users

Description

postList- reference posts

### Admin

Username -references users

### Exercises

Name

PR

### Routines

routineID

exerciseList - references exercise

numSets

numReps

### Messages

messageID

Username - references users

Message  
groupID - reference Group

**Notifications**

notifID  
userID - references users  
message

**Challenge**

challengeID  
User1  
User2 (groupchat)?  
exercise

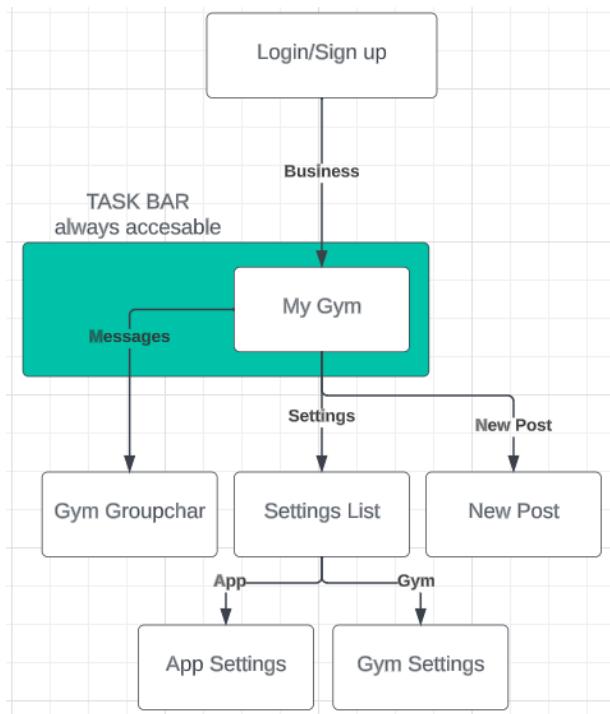
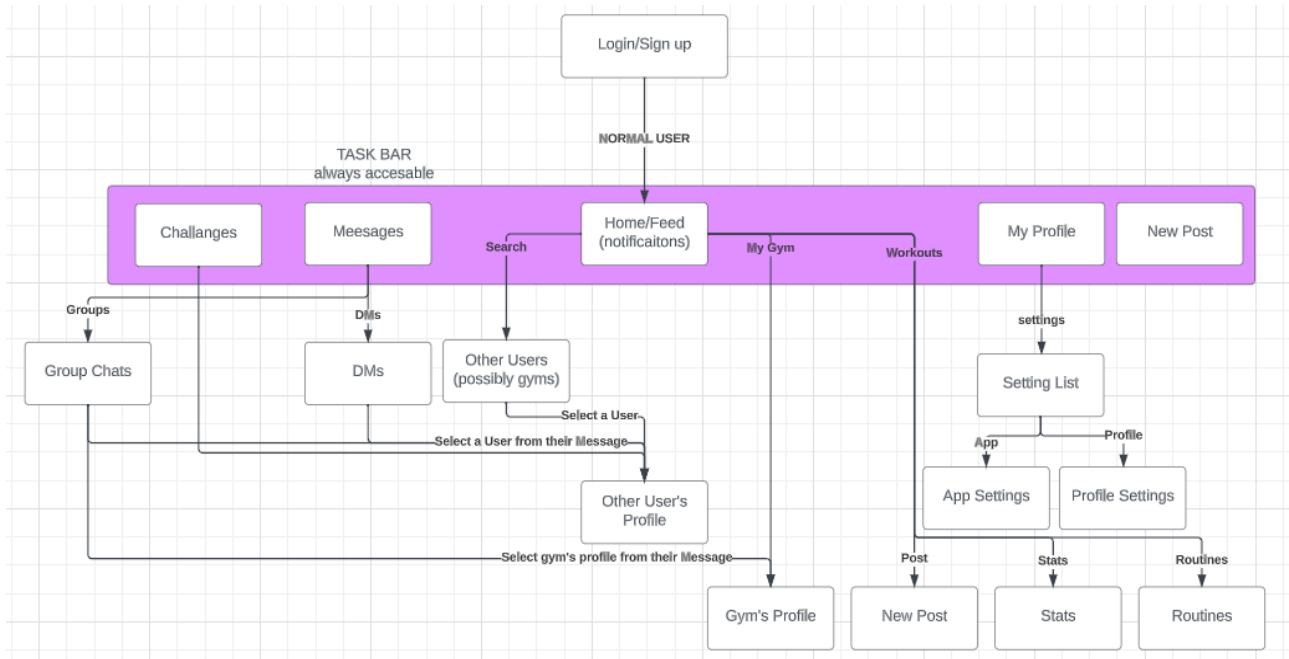
**Preferences:**

Username - references users  
notificationType  
FeedOptions  
Profile Options

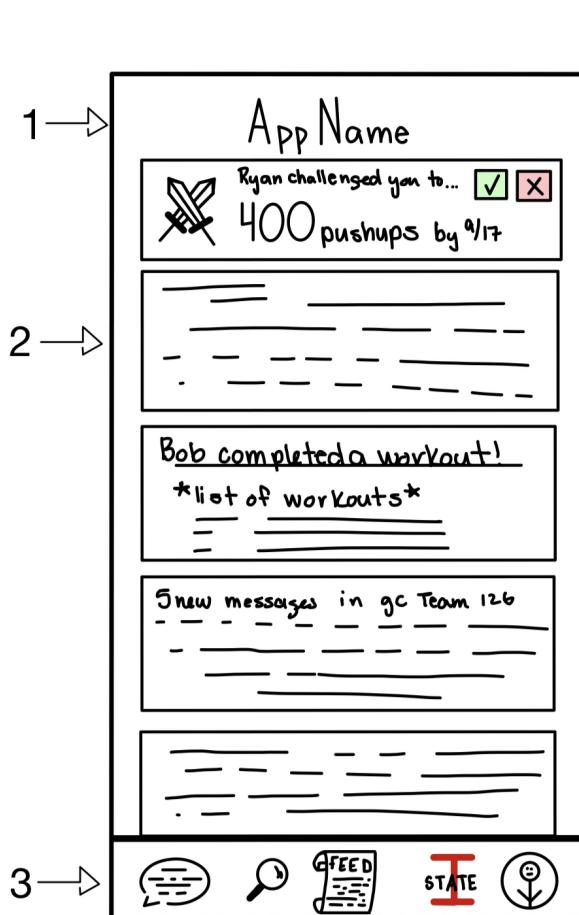
**User's Network (Friends and Gym)**

Username - references users  
friendsList - references users  
eventList - references Business

## Screen Flow Diagram



## 1) Home Page | Lindsey Wessel



1	App Name & possibly Logo
2	Rolling Notification Feed. The users can choose what notifications they want to see. DM/Group Chat Notifications My Gym's Notifications My Friends Notifications Challenges (can Accept or Deny) Any Admin/System Notifications
3	Navigation Bar: DM's & Group Chats Search Home Page / Notification Feed My Gym My Profile

This is the home page, the first place the user opens up after logging in; the top will display the app name (1). Other networking apps have used the navigation bar (3); It is a pivotal point for all of the screens and keeps the user experience simple and fast. There is a stream of notifications (2); what shows up on this page can be edited in the settings. The notification stream should showcase recent news, including new posts from friends and gyms, challenge requests, group chat, and direct messages. We will use a table for this page containing all of the user's notifications.

## 2) Business Profile | Lindsey Wessel

The wireframe shows a gym's business profile page. The main content area has the following structure:

- 1** → Top section: "ISU State Gym" logo, "Gym hours" (Sun-F 9a-12a, Sat 9a-8p), and a "Join Gym" button.
- 2** ← Middle section: A box containing news items: "'Set + Spike' has won volleyball", "Gym will be closed Friday (Holiday)", and "Sign up for intramural sports... curling 9/4 - 2/7, war 10/7 - 11/9, Sports day-day".
- 3** → Bottom section: A decorative wavy line graphic and a "We're hiring" announcement.

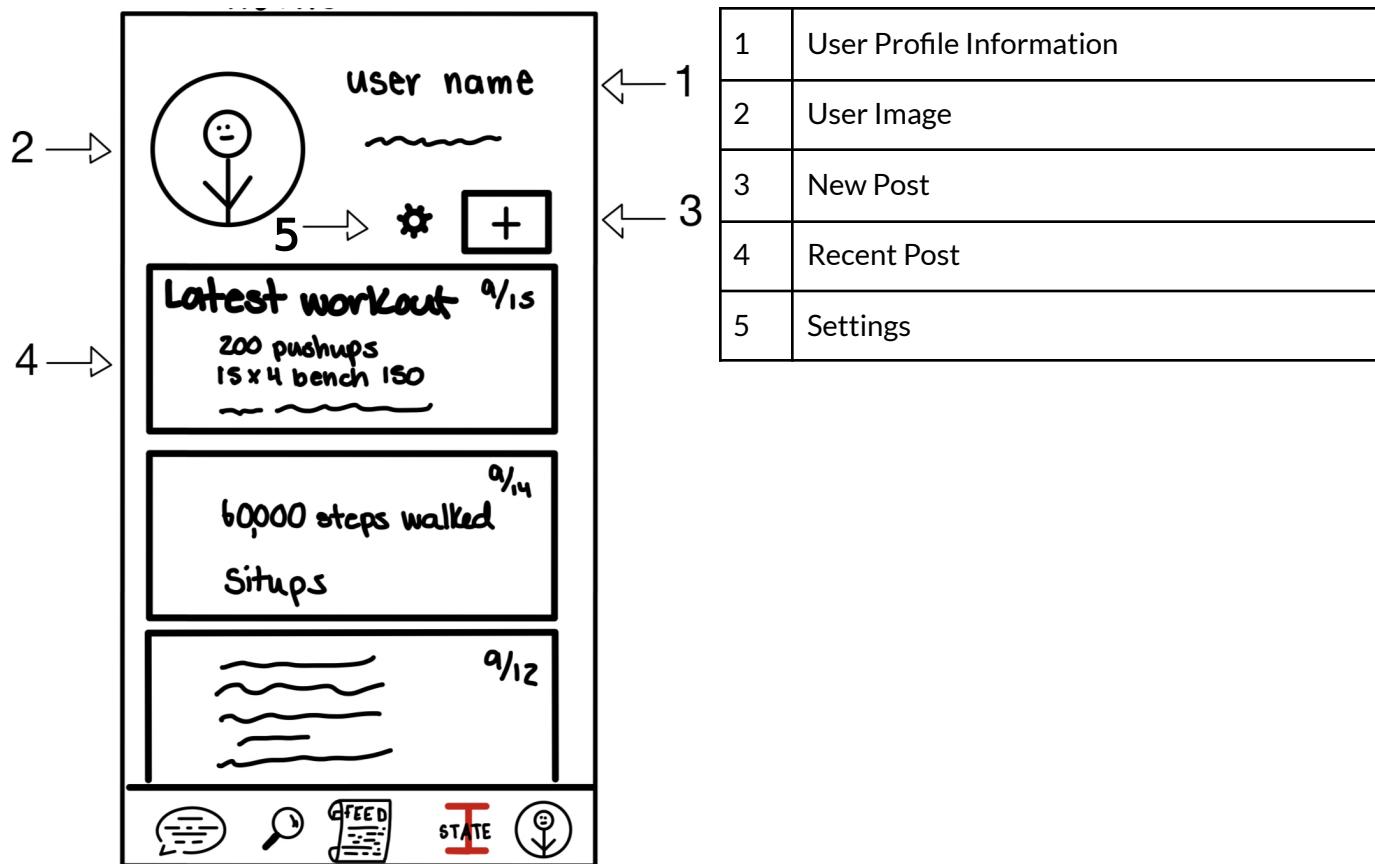
On the right, a table maps the numbered sections to specific profile components:

1	Gym's Hours
2	Button to "Join" a gym
3	Recent posts

This is how the user will see a gym's profile.

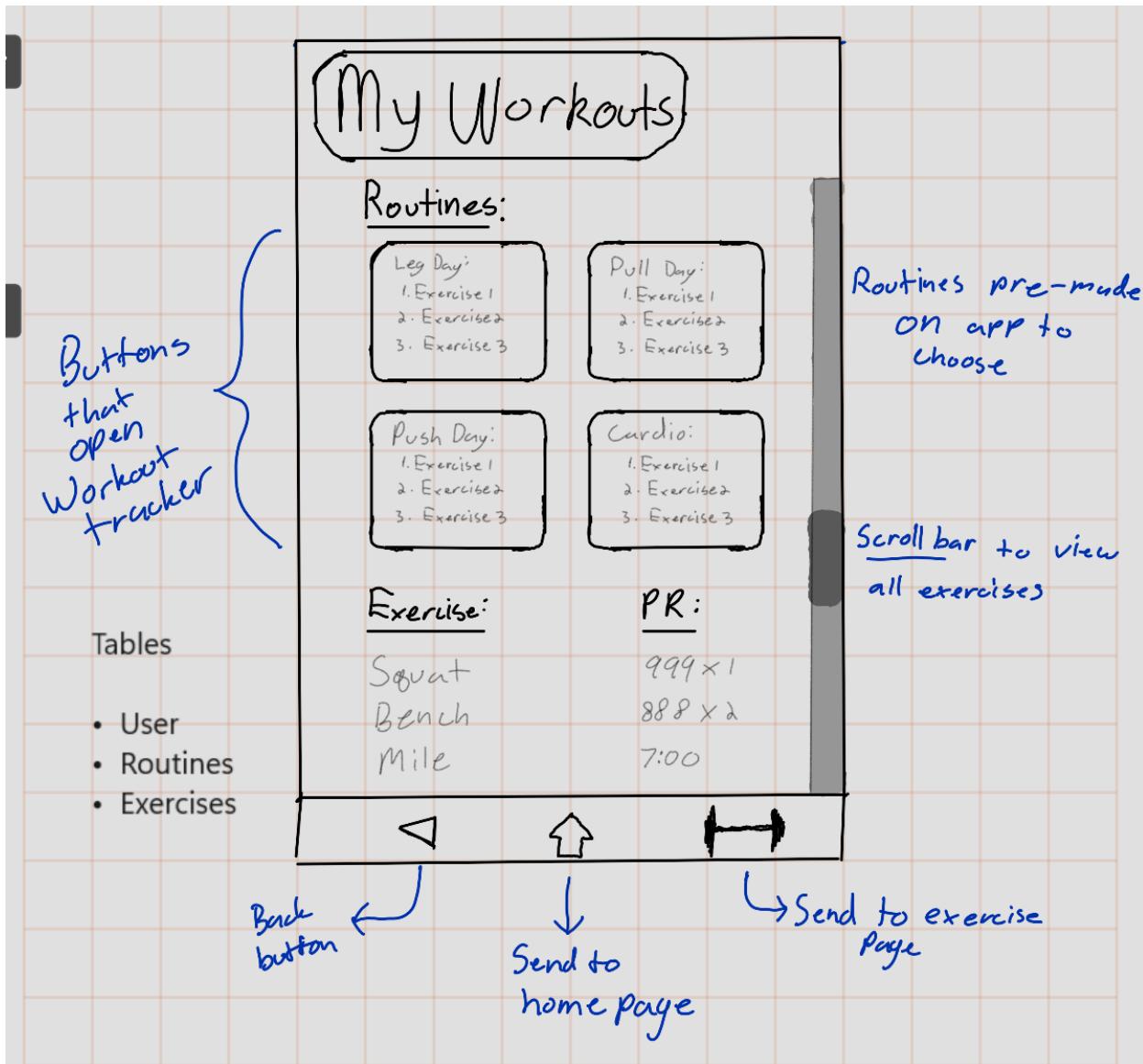
There will be a list of the gym's most recent news, such as closures, accomplishments, and events. The gym can display general information such as their weekly hours. Users will be able to "join" a gym. Joining a gym will add said user to their selected gym's group chat, where they can meet new people at the gym. We will use a table for this page containing all of the business's posts.

### 3) User Profile | Lindsey Wessel



This is a user's personal profile. They can see their account information and profile photo (1& 2). The user can create a new post (3) that will be added to their personal feed consisting of all their posts from newest to oldest (4). Using the settings button (5), the user can edit their personal information, notifications, and app settings (dark/light mode, extra.). For this page, we will use a table containing all of the user's posts.

#### 4) My Workouts | Mason Inman



This is the My Workouts page. It is a main screen for the workout tracking portion of our app. It is an all-in-one screen to access anything needed to track a workout or exercise. The user can scroll through the list of exercises to view the PR's they are trying to beat, or select a routine and start a workout. This also features the app-wide navigation bar (Buttons TBD).

Tables needed in My Workouts:

- User
- Routines
- Exercises

## 5) Exercises / Stats | Mason Inman

Tables:

- Exercises
- User

Exercise : PR	
Squat	999 lbs
Bench	888 lbs
Deadlift	777 lbs

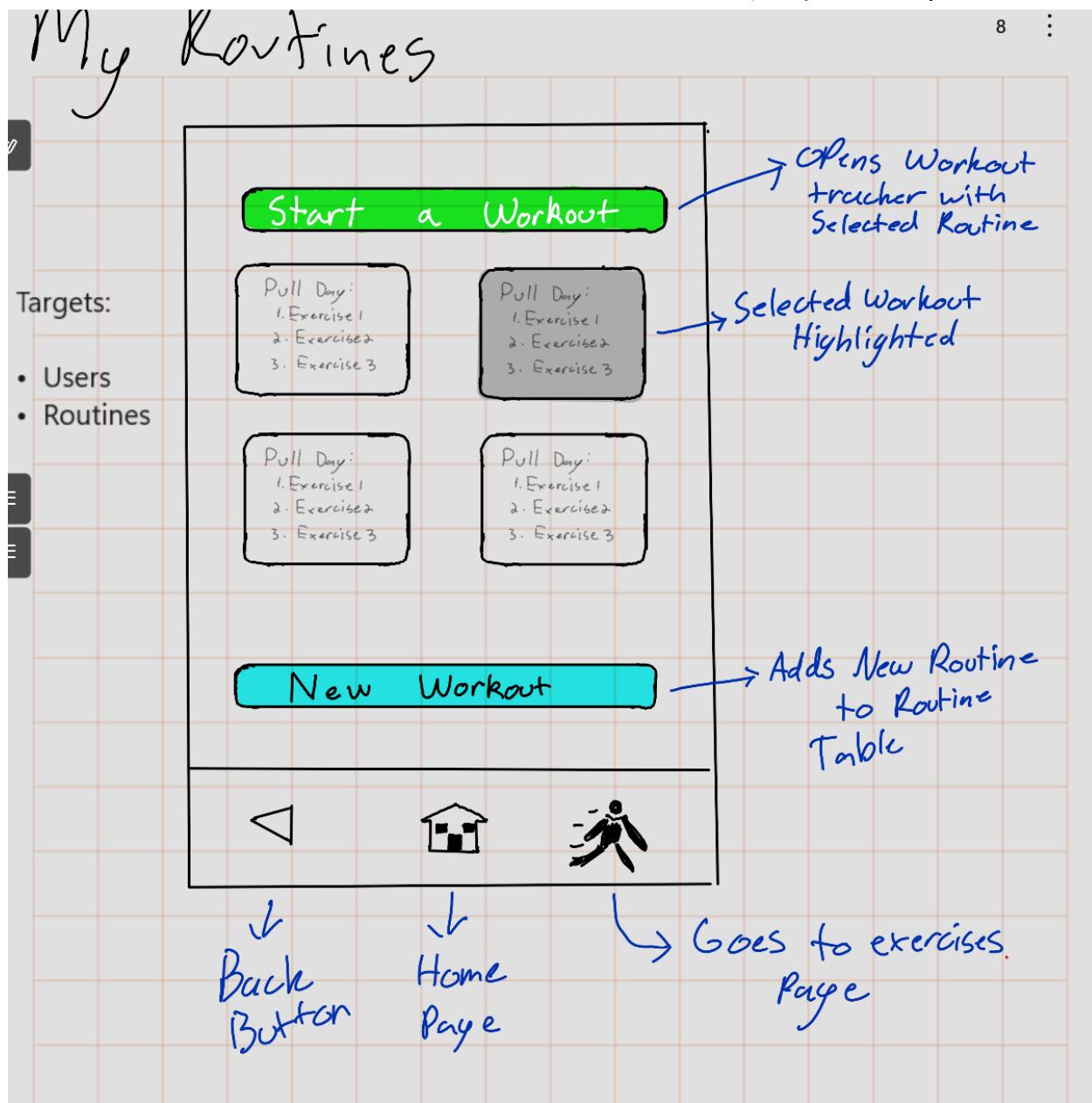
Scroll

Back Button      Home Button      Sends to Routines Page

This is the Exercises page, or Stats page. It showcases a list of all exercises with that user's specific PR for that certain exercise. A PR can mean different things based on the workout. For example, a PR with running would be based on time, but a PR with weights would be the weight the exercise was performed with. This page is intended for the user to reference to keep track of what their goals are on each exercise so they continue to achieve their goals. It also features the app-wide navigation bar.

Tables needed for Exercises/Stats:

- User
- Exercises

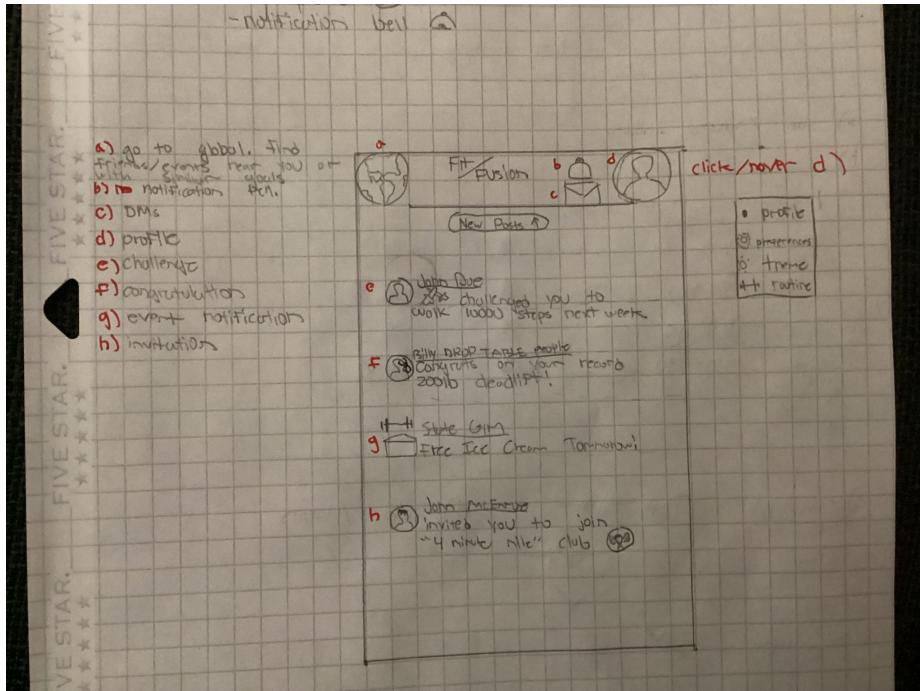


The My Routines page is where the user can add Routines to the Routines table and also use the Routines to start a workout. The green button at the top will start a workout with the selected routine, shown with the gray box. If the user wants to make a new routine they simply press the blue button and select from the list of exercises. Which would be similar to the screen sketch above. Like all screens, it features a navigation bar. The bottom right button allows the user easy access to view their exercises in the exercise page.

Tables needed in My Routines:

- User
- Routines

## 7) Homepage [small feed] | Kyle Jacobson



This is the home page. This is the bread-and-butter of several of the most popular social networking apps. It's the hub for all the basic functions of our application. A User should enter the home page immediately after logging in, or by clicking on the "home" icon from several of the other screens.

- a) The "global" icon allows the user to search for friends or gyms. A friend may be defined as someone who is close enough to User, or has similar interests/workouts as User.

- b) The notification bell. A User should be able to customize what kind of notifications he receives.

- c) Direct messages. Direct messages are sent from a trusted user to User, i.e. only his friends.

- d) The user's profile. This provides direct access to the user's workout regimen, settings, and user profile.

**e-h)** These are messages that appear on the User's feed. Note the "new posts" pop-up when the User is not caught up to all messages.

- e) Challenge request

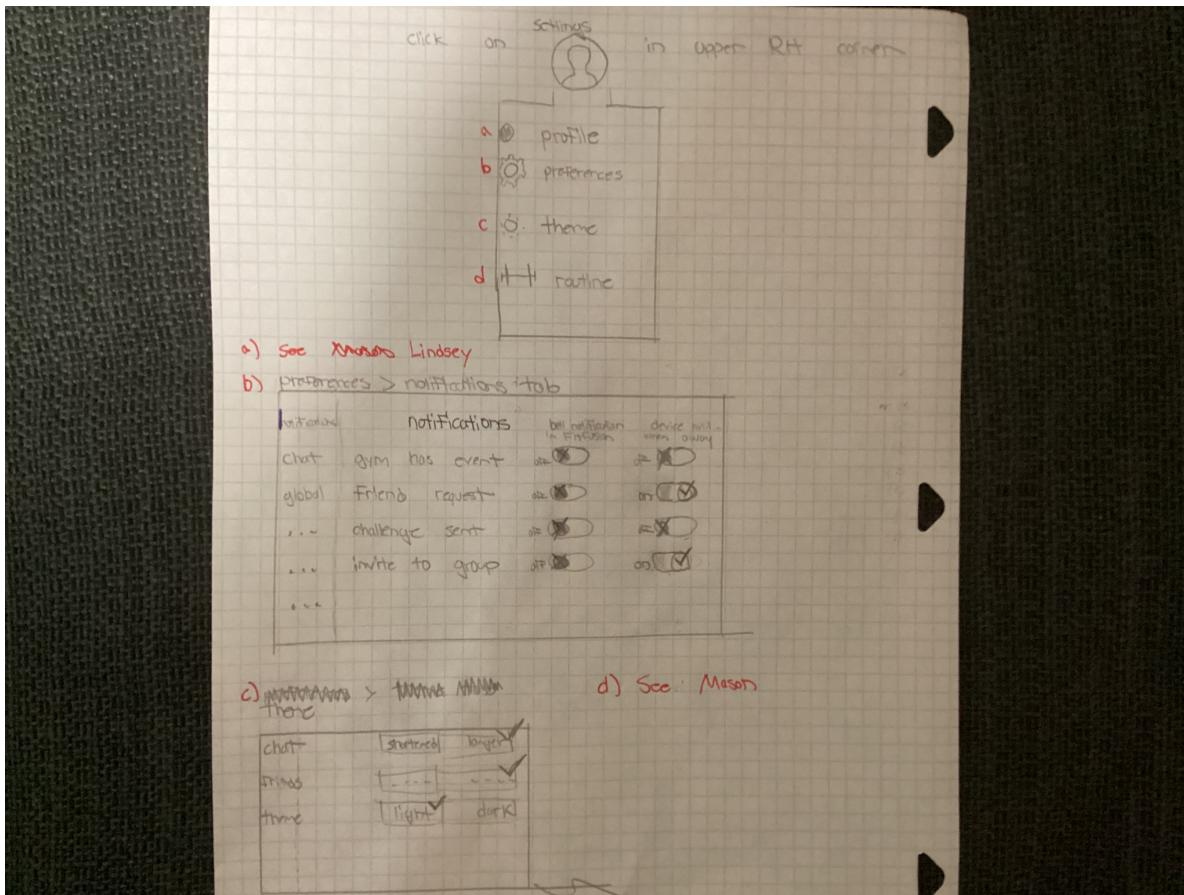
- f) Congratulatory message

- g) A Gym posts an Event

- h) Invitation to join a club

**Tables:** notifications, posts, messages

## 8) Settings | Kyle Jacobson

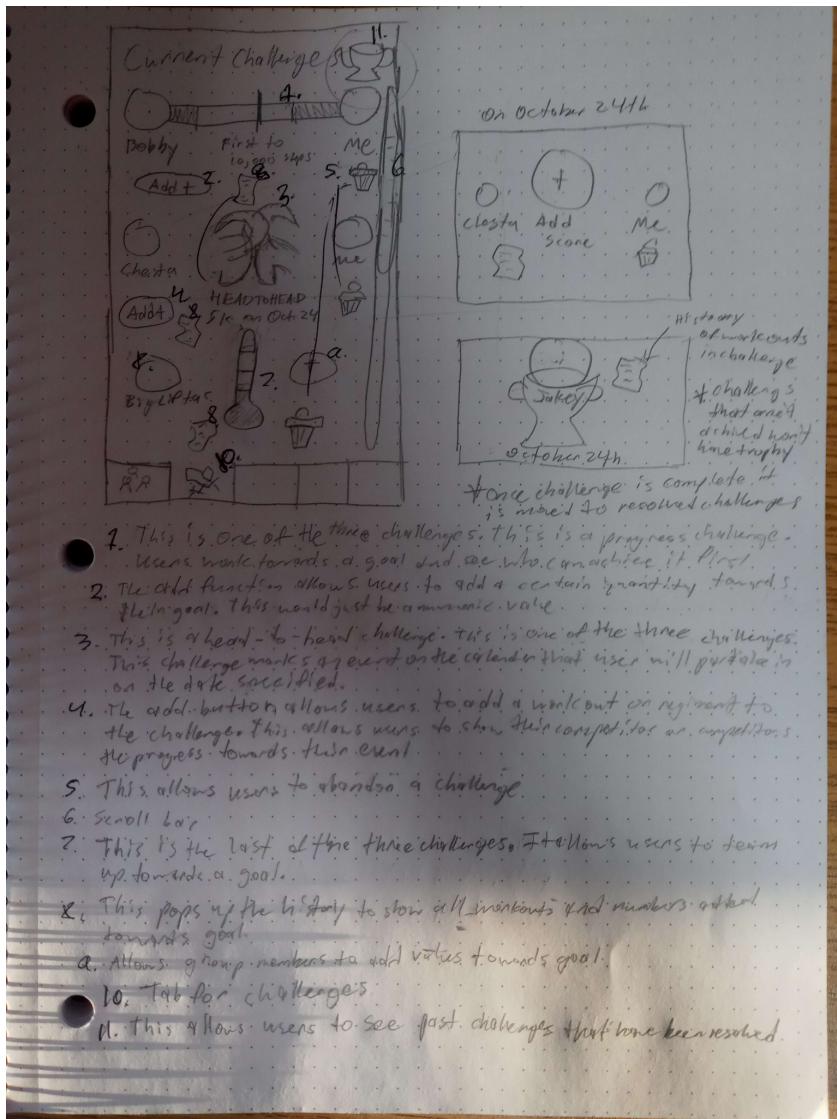


Suppose the User clicks on the profile icon while on the Home page. Then, the User will see a dropdown menu for various functions of the app.

- Either a *User profile* or a *Business profile*. Covered by sketches 2 & 3.
- The notifications tab of the preferences page.
  - slider for receiving in-app notifications
  - slider for receiving global notifications
  - tab for type of setting. We are currently in *notifications*
- Page for display settings. Includes:
  - chat size
  - friend settings
  - light/dark theme
- Workouts page. See sketch 4.

**Tables:** preferences

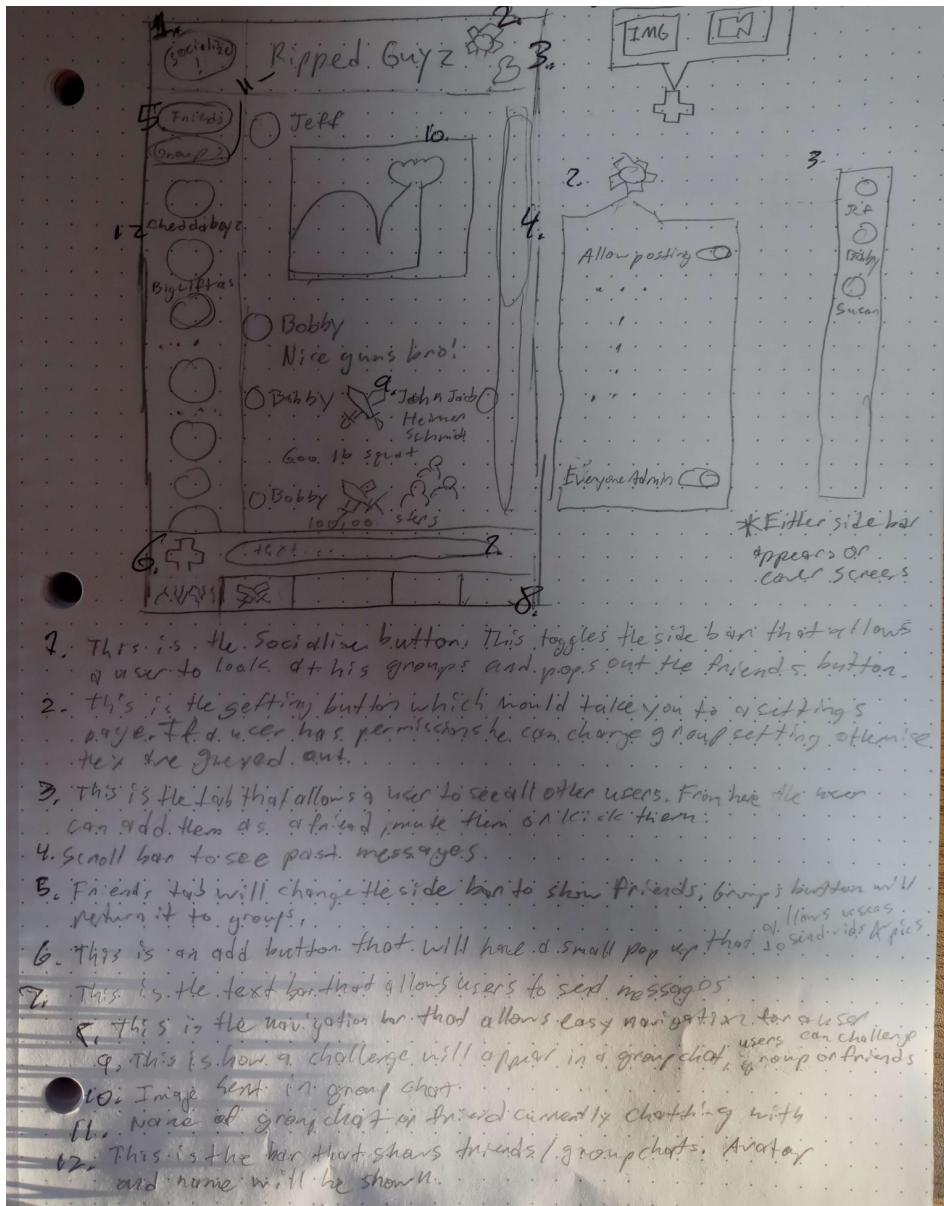
## 9) Challenges | Joe Schmidt



This is the challenge page. It is accessible from the bottom tabs. Users can scroll through their challenges. The plus buttons by all of the challenges allows users to add workouts or routines. This is for showing other users progress towards their challenge. There is a history button that would allow users to remove or view past workouts. The trash can button is to discard a challenge. The trophy in the top right is to view past challenges and the results of them. On the right is what a completed challenge would look like once completed. Also on the right, there is a big add score button. This is for head to head challenges on the day of the challenge. Users would add their scores and it would compare to see who won.

**Tables:** User, Groups, Challenge, Routine, Workout, History

## 10) DMs & Group Chats | Joe Schmidt



This is the screen for DMs and group chats. This screen is accessible from the bottom tabs. The Friends and groups button toggles between groups or friends being shown. The button on the top left will hide/show the friends and group chats bar. The UI on the right is in case you press a few of the buttons what it would look like. The buttons it shows are for settings, attach media, and group member view. The main middle section is where messages and media appear. The swords are challenge requests.

**Tables:** User, Groups, Message, Routine, Workout