



2Fit

FIT TOGETHER

Akhil Jariwala, Matthew Landis,
Autumn Warren, Kaughlin Caver

Online/Local Community
November 22, 2019

Meet the 2Fit Team!



Matthew Landis

Computer Science

Junior

Fun Fact: I love apple juice



Kaughlin Caver

Computer Science

Senior

Fun Fact: Singer/Songwriter



Akhil Jariwala

Business

MBA2

Fun Fact: I dance salsa!



Autumn Warren

Computer Science

Junior

Fun Fact: I can (kinda) play the uke



FIT TOGETHER

"To connect people with compatible fitness buddies."





Problem/ Solution Overview

Due to conflicting schedules, differing goals, and the intimidating gym atmosphere, exercisers often struggle to find and connect with a workout partner.

2Fit **empowers** users to connect with others who have similar **abilities**, **goals**, and **schedules**. Once matched, 2Fit helps workout partners reach their fitness goals together.



Overview

01



Heuristic Evaluation Results

02



Revised Design

03



Prototype Implementation

04



Demonstration



Heuristic Evaluation Overview

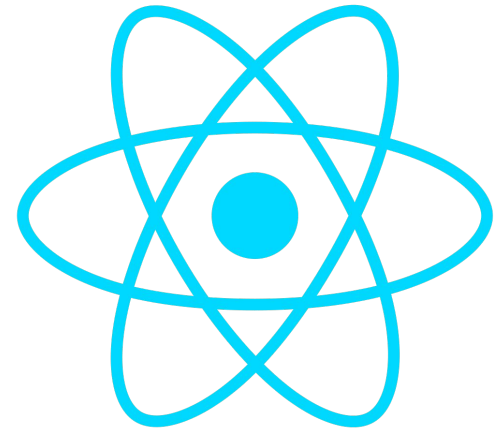


- Level 3 severities: **15**
- Level 4 severities: **4**
- Major Design Changes: **3**
- Minor Design Changes: **3**

Tools Used



- React Native used to develop the app
- Xcode iPhone simulator/expo used for testing



React Native

Implementation



Completed!

Work Ahead

 Find a Fitness Buddy

- **Task 1 - Find Buddy**

- **Discover.** Developed vertical scrolling interface for buddy selection with tappable buddy cards
- **Listings.** Completed data architecture that fetches and displays relevant listings
- **Filter.** Created active, dynamic filters that adjust search results based on user input
- **Bio.** Developed main profile card view with key buddy details and connect functionality

Major Design Change 1 - Discover



Type: H8 Aesthetics and Minimalist Design

Severity: 4

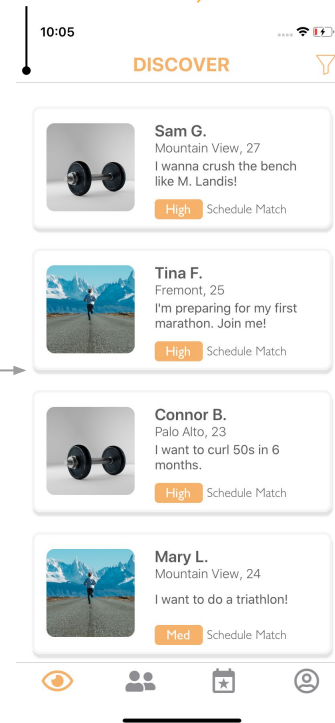
Issue: The discover page's use of colors and icons is disorienting and confusing

Fix: Redesign a simpler Discover Page with minimal icons/colors

Old black background created a formal, energetic feel



New white background makes for a friendlier, casual feel



Major Design Change 1 - Discover



Type: H8 Aesthetics and Minimalist Design

Severity: 4

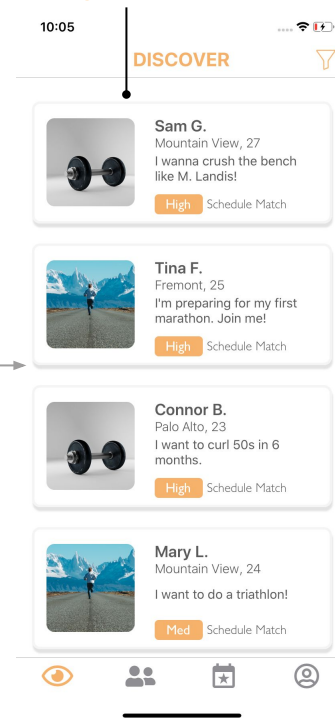
Issue: The discover page's use of colors and icons is disorienting and confusing

Fix: Redesign a simpler Discover Page with minimal icons/colors

Double column presentation led to visual clutter



Streamlined presentation to single column format



Major Design Change 1 - Discover



Type: H8 Aesthetics and Minimalist Design

Severity: 4

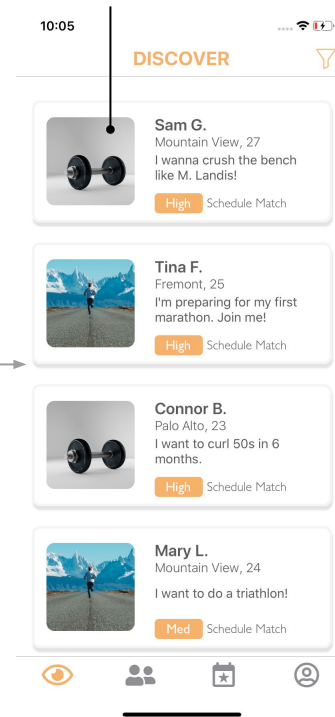
Issue: The discover page's use of colors and icons is disorienting and confusing

Fix: Redesign a simpler Discover Page with minimal icons/colors

Gratuitous icon use was overwhelming for user



Moved icons to bio and used single avatar photo instead



Major Design Change 1 - Discover



Type: H8 Aesthetics and Minimalist Design

Severity: 4

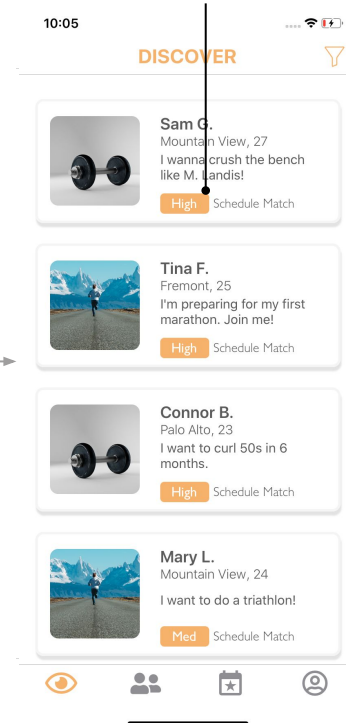
Issue: The discover page's use of colors and icons is disorienting and confusing

Fix: Redesign a simpler Discover Page with minimal icons/colors

Use of orange and green accent colors led to confusion



Simplified to 3 colors, using orange as the only accent



Major Design Change 2 - Filter



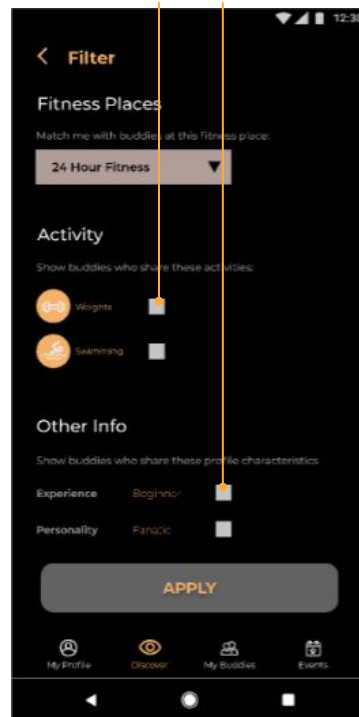
Type: H8 Aesthetics and Minimalist Design

Severity: 1

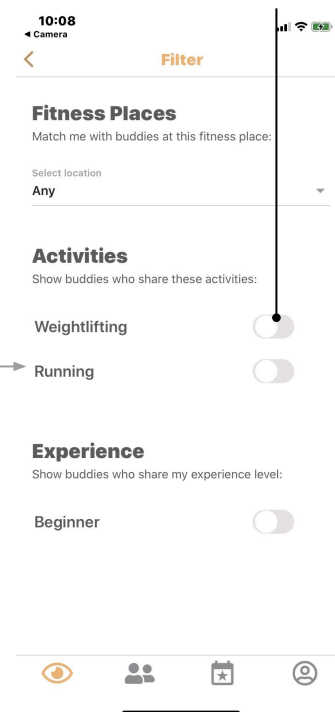
Issue: Discover filtering actions feel inconsistent and confusing

Fix: Simplify the filter page with on/off toggles that follow a consistent format

Checkboxes are not best for on/off filters, and unaligned



Toggle actions are right aligned and consistent



Major Design Change 2 - Filter



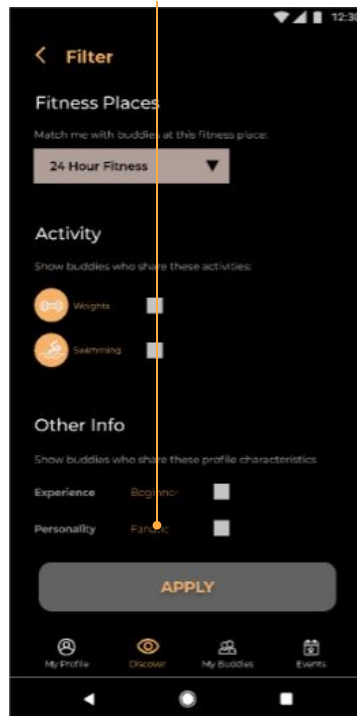
Type: H2 Match System and World

Severity: 1

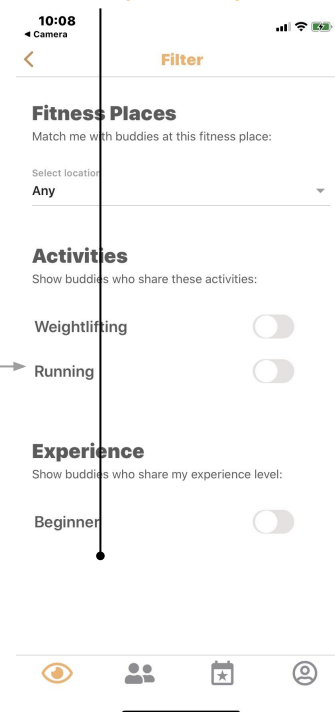
Issue: Workout personality filter option is confusing to real-world concept

Fix: Simplify the filter page by eliminating the Workout Personality detail

Personality concept was confusing to filter on



Eliminated Workout Personality for simplification



Major Design Change 3 - Buddy Profile



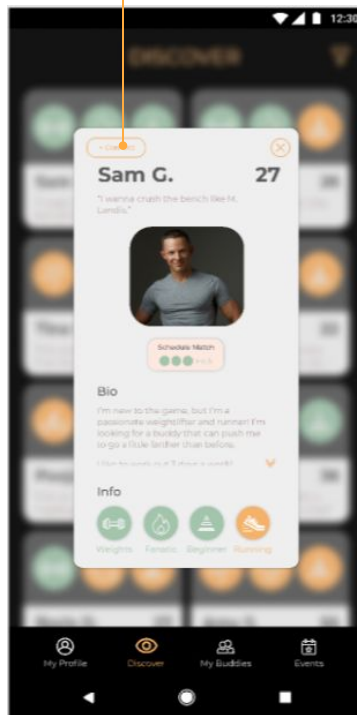
Type: H8 Aesthetics and Minimalist Design

Severity: 3

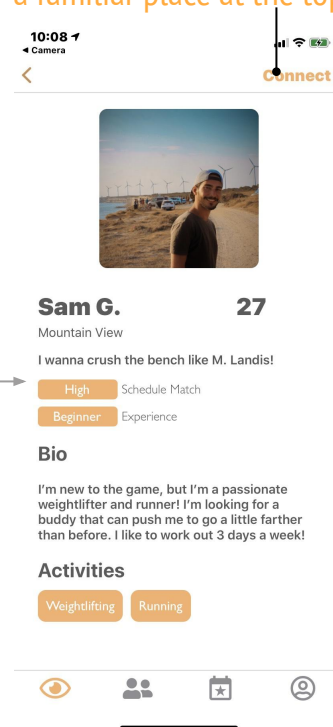
Issue: Connect button is difficult to see

Fix: Moved the connect button to the top right of the redesigned screen and bolded it

Connect button is difficult to see



Connect button now bolded, in a familiar place at the top



Major Design Change 3 - Buddy Profile



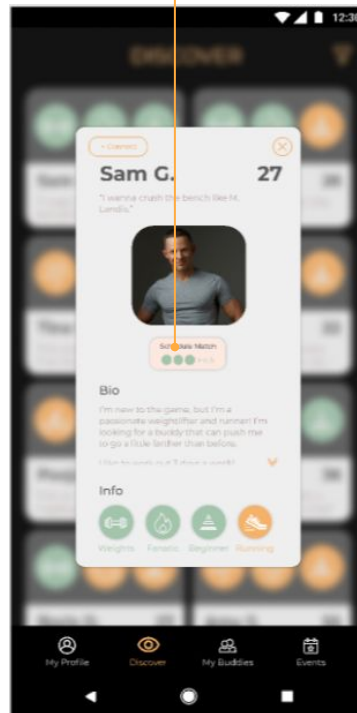
Type: H4 Consistency and Standards

Severity: 2

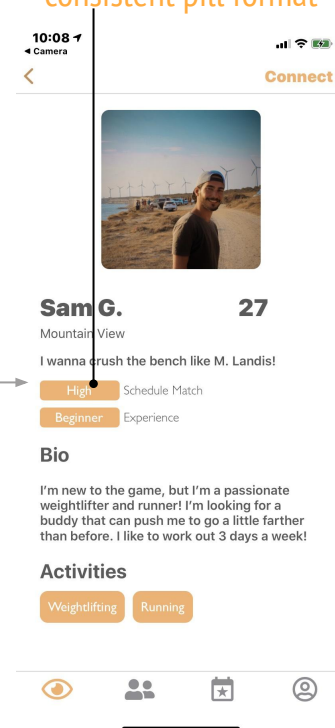
Issue: Schedule match score inconsistent with rest of bio design and takes up unnecessary space

Fix: Replaced schedule match box with a pill detail instead

Schedule match box
inconsistent

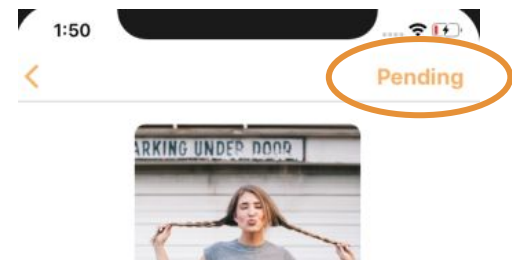
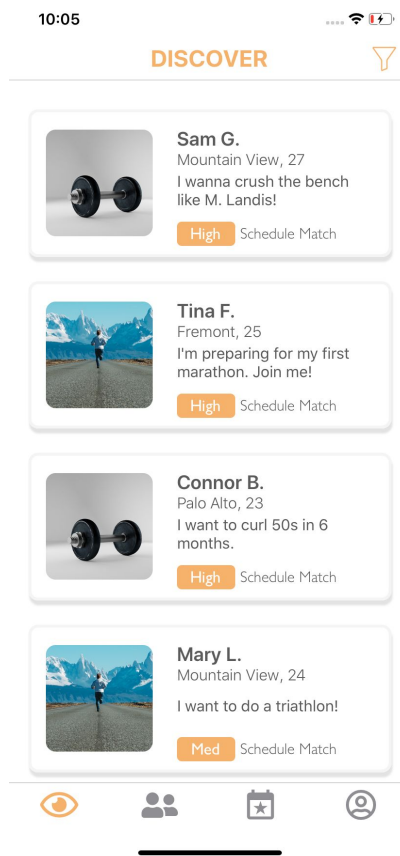


Schedule match score now in
consistent pill format



Minor Changes

- Consistent color and font use
- Redesigned Navigation Bar
- Connection Status



Implementation: Next Steps



Completed!

Work Ahead



Schedule Workouts



Join Group Events

- **Task 2- Schedule Workouts**
 - Messaging interface with a schedule workout component
- **Task 3- Join Group Events**
 - Discover events page
- **Beyond Tasks**
 - User profile page
 - My events
 - Buddy/Events search (if time allows)

Hard coded Features



- Users and Events
 - All user data and people that appear on the discover screen
 - Nearby events
- The nearby locations on the filter list
- Schedule overlap for buddy and user
- Message history

Wizard of Oz Techniques



- When you request a buddy, we simulate the buddy's automatic matching response
- When you schedule a workout, we simulate the buddy automatically confirming your requested time

Sam G. **confirmed** Friday,
November 1 from 8:00 AM
to 9:00 AM at 24 Hour
Fitness

Issues

- Implementing scheduling interface
- Keeping track of data




Demo



1:22 📶 🔋

< Pending



Sam G. 27
Mountain View

I wanna crush the bench like M. Landis!

High Schedule Match





Beginner Experience

Bio

I'm new to the game, but I'm a passionate weightlifter and runner! I'm looking for a buddy that can push me to go a little farther than before. I like to work out 3 days a week!

Activities

Weightlifting Running

Summary



Started development of our Hi-Fidelity Prototype in React Native



Incorporated key recommendations from the Heuristic Evaluation to Discover, Filter, and Bio screens



Work ahead includes developing the scheduling interface, organizing events, and other supporting features



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Thank you

From the 2Fit team