

# 06 Med-Fi Prototype

BuddyBuilder, Team 



Alex Lee  
CS Coterm



Derek Hwang  
CS Masters



Harry Moran  
CS Undergrad

# BuddyBuilder

## Mission:

Improve accessibility of physical training  
resources for student athletes in niche sports

How can we help niche sport students athletes gain affordable access to personalized training support? How can we minimize knowledge gaps to improve performance and avoid injury?

# Tasks

**Simple:** User wants to start an exercise

**Moderate:** User wants to generate an exercise plan to meet their strength goals

**Complex:** User wants to request alternative exercises of lower and higher intensity

# Design System

## Colors

Choose 1-2 main colors  
Choose 1 black, 1 white,  
and as many greys as  
you want



## Typography

Roboto example

<https://fonts.google.com/specimen/Roboto>

H1 **Ubuntu - Header**  
H2 **Just - Sub header**  
P **Just - Paragraph**

## Buttons



## Icons

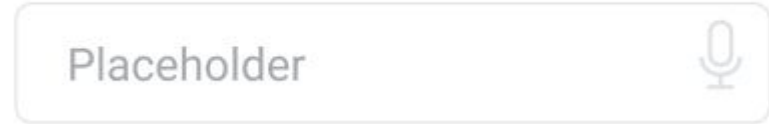
Feather icons at 24px height and  
width with 2px stroke weight

Choose a few key icons (You don't  
need as many listed here)

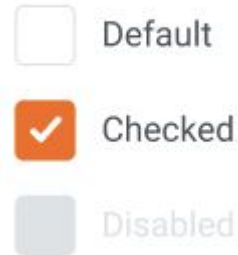
<https://feathericons.com/>



## LABEL



## CHECKBOX



# Prototype



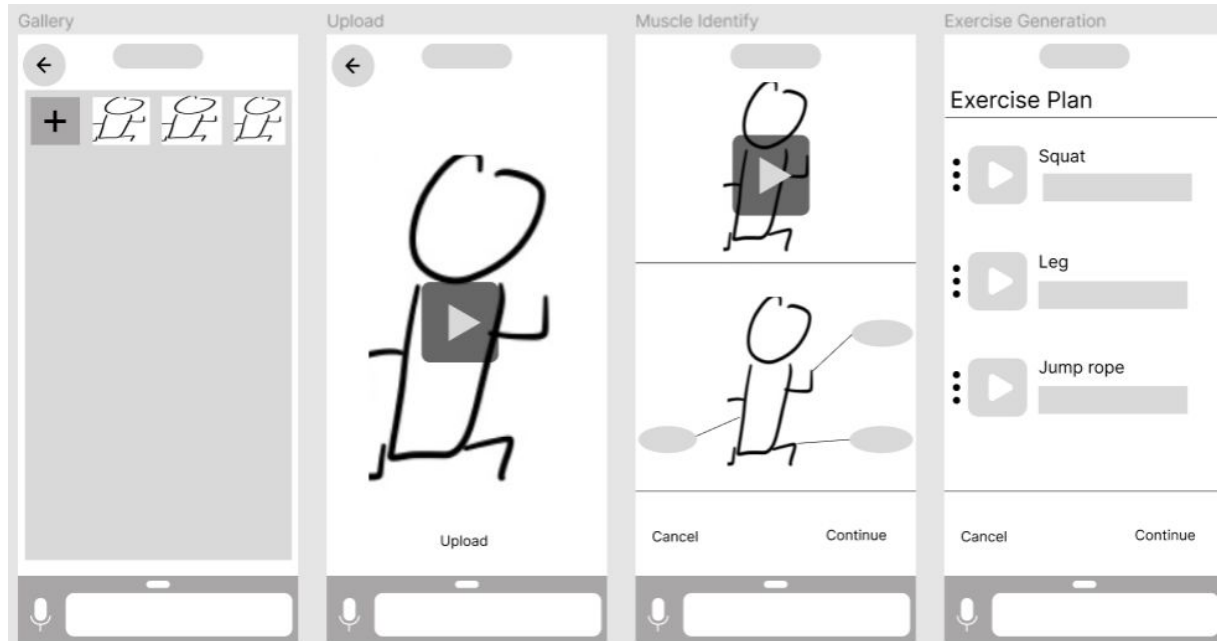


# Major Design Changes

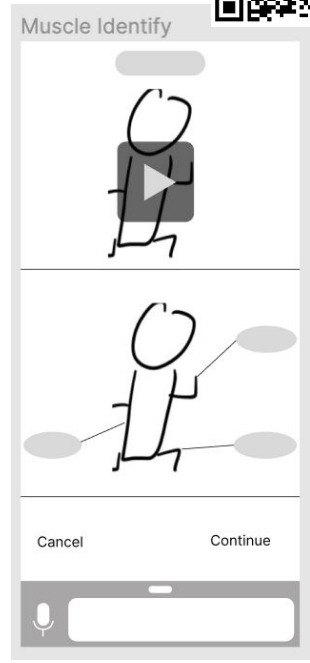
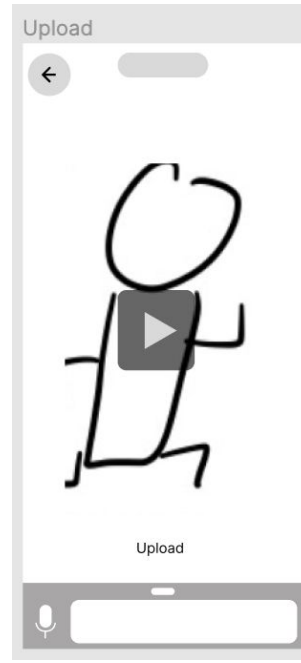
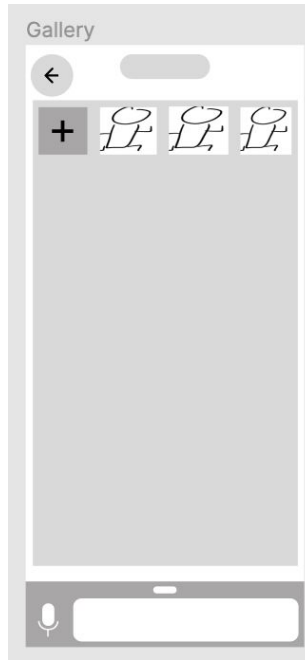
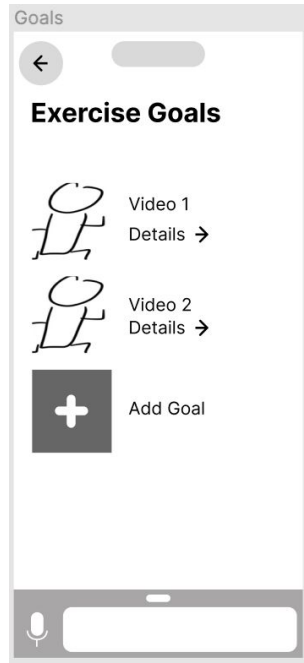
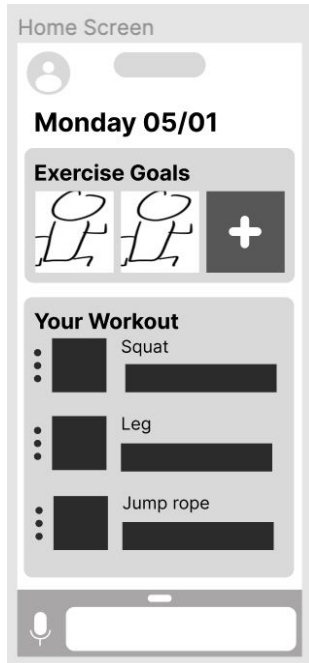
# Major Design Changes



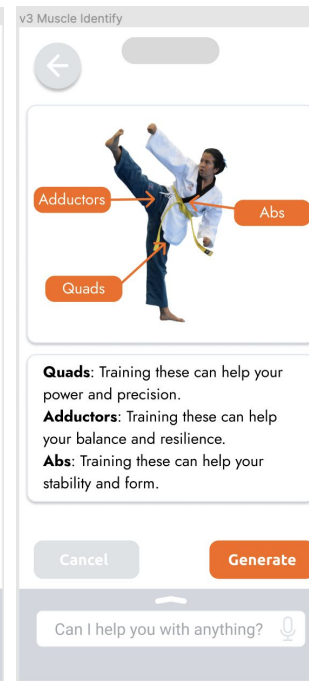
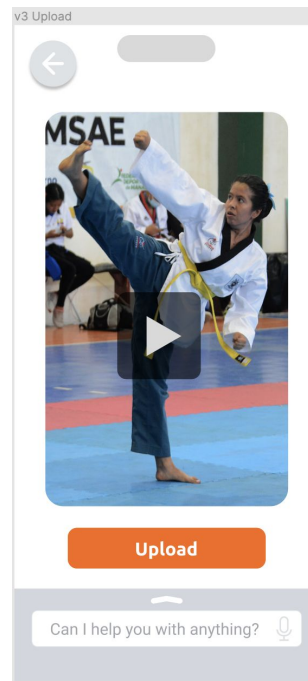
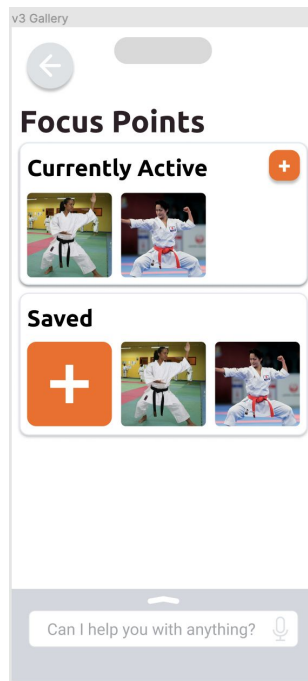
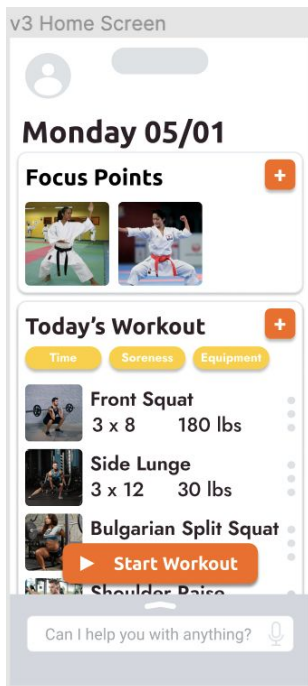
User wants to generate an exercise plan to meet their strength goals



# Flow Simplification



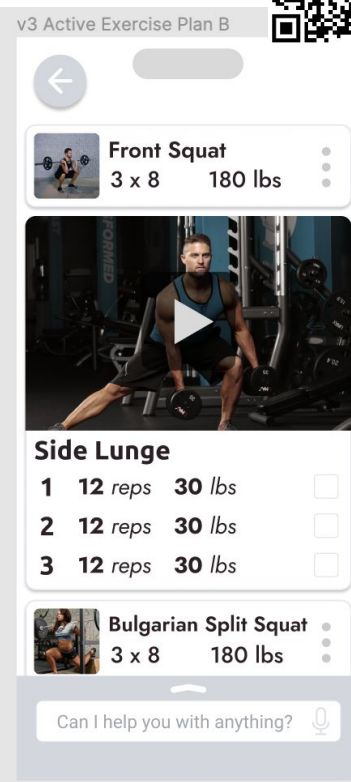
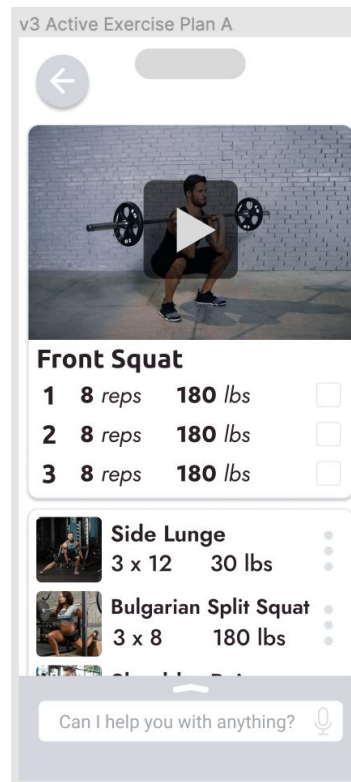
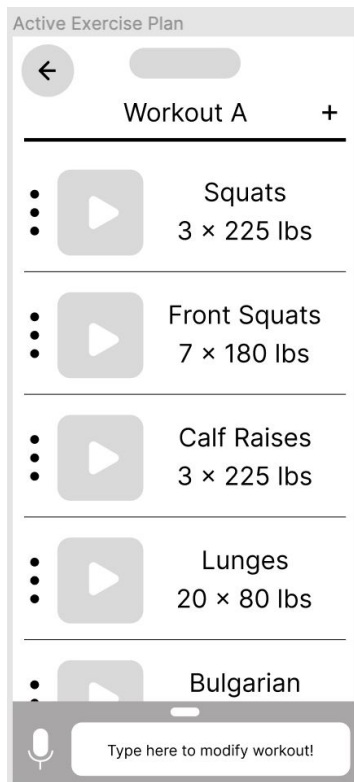
# Flow Simplification



# Active Workout Video View



To help mitigate users' lack of experience, we added a large persistent video view of the 'active workout' screen showing proper form for each exercise.

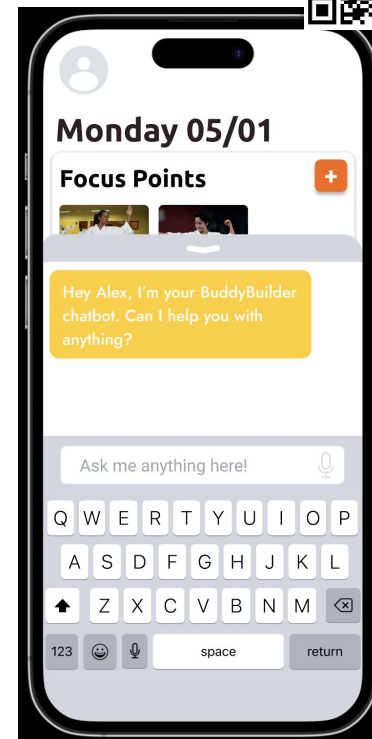
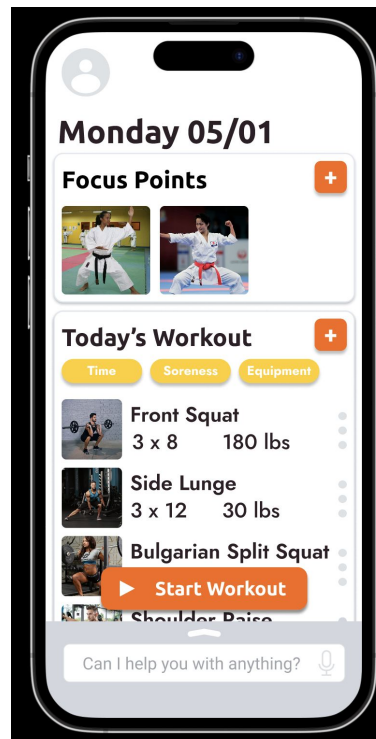
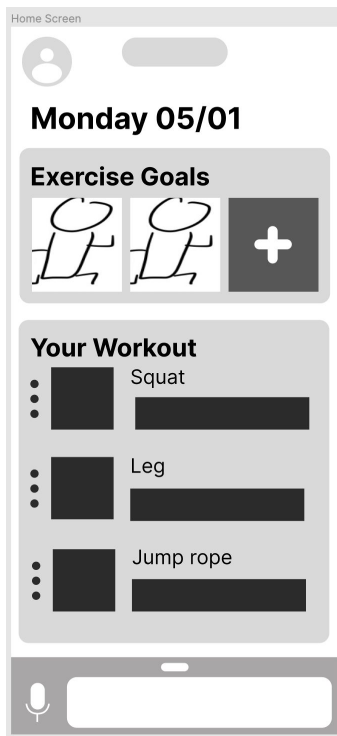


# Chatbot Shortcuts



In our low-fi tests, users were excited by the potential of the in-app chatbot but were initially confused as to the purpose of the chatbot bar.

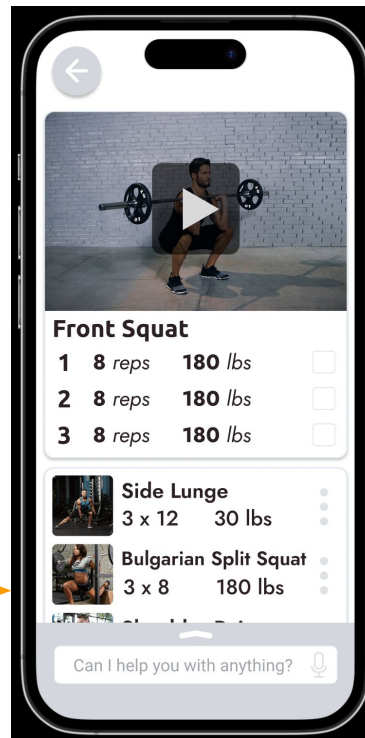
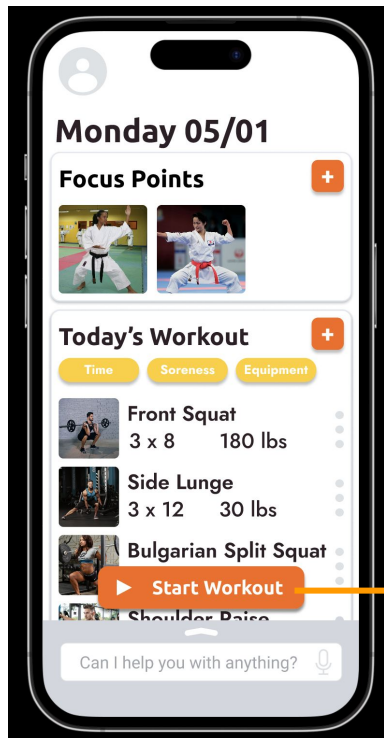
We added contextual prompts to the bar, and also a set of shortcuts that autofill content for a user to start a chatbot conversation



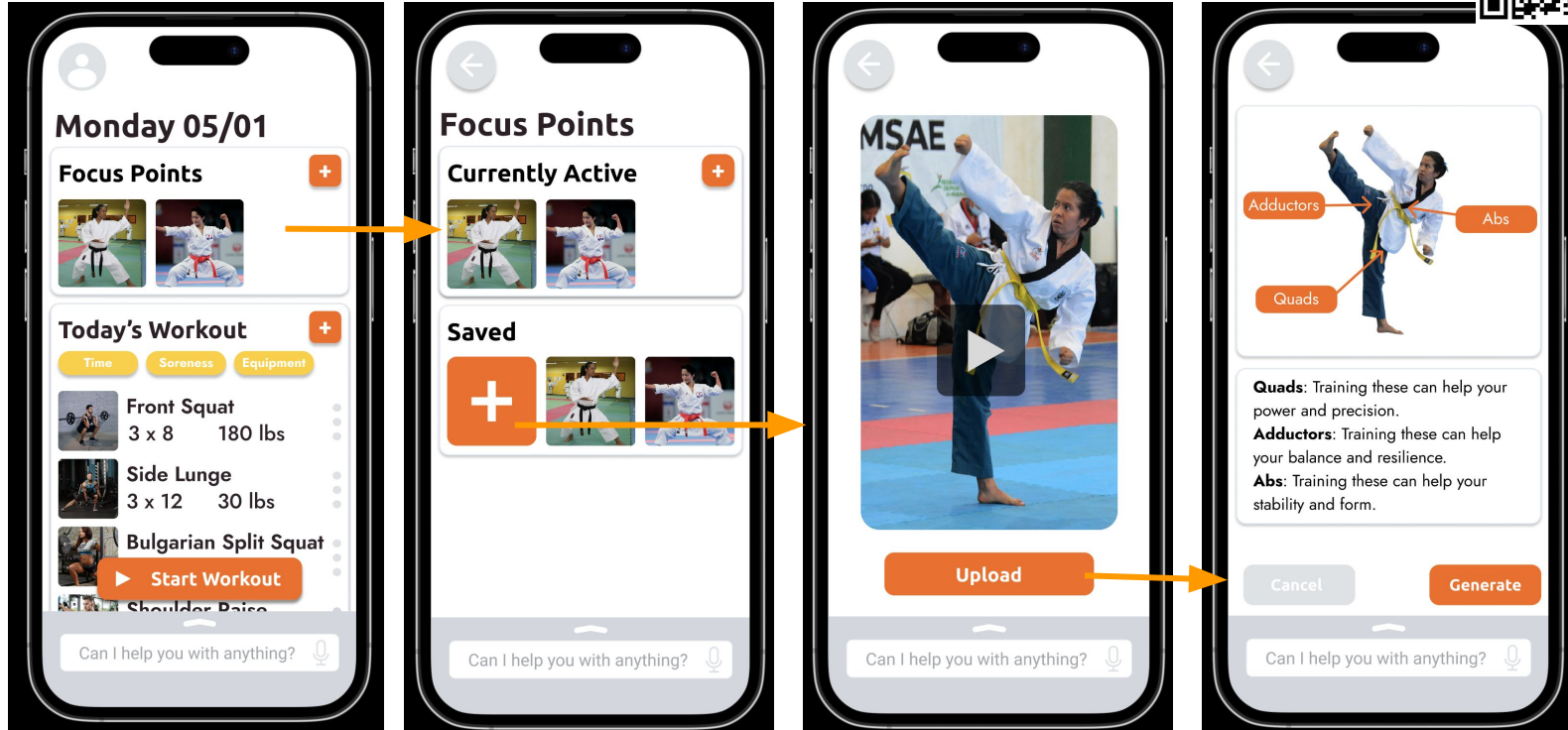


# Task Flows

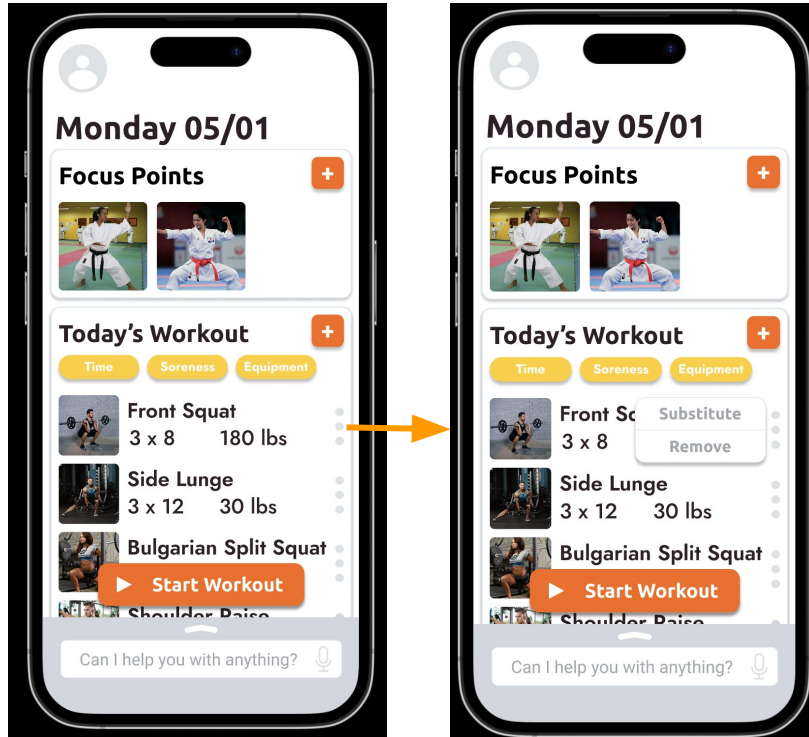
# Simple: Start a Workout



# Moderate: Generate a New Workout

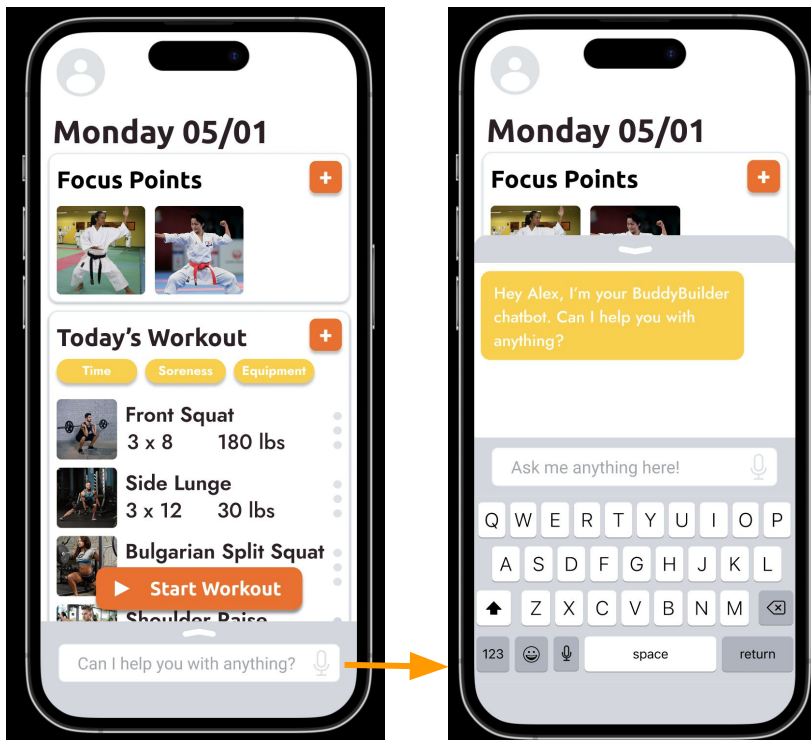


# Complex: Alter Exercises and Intensity



User can directly substitute or remove exercises from either the home or 'active workout' screens.

# Complex: Alter Exercises and Intensity



Can directly query chatbot to alter intensity or any other exercise details.

Chatbot shortcuts allow user to even more quickly alter time, soreness or equipment details through the chatbot.

# Overview



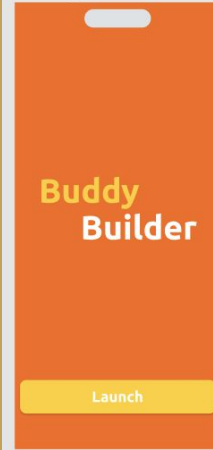
**Tools:** Figma.

**Limitations:** Text entry, video playback, responsive chatbot, image uploading.

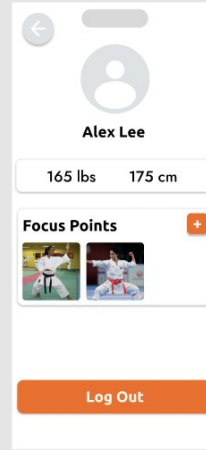
**Wizard of Oz:** CV/chatbot capabilities, video storage.

# Prototype

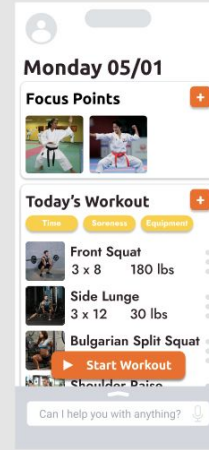
v3 Login Screen



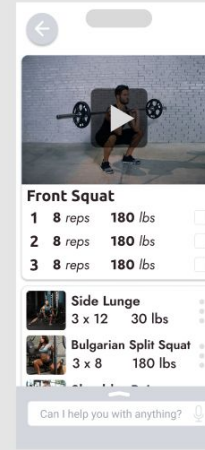
v3 Profile



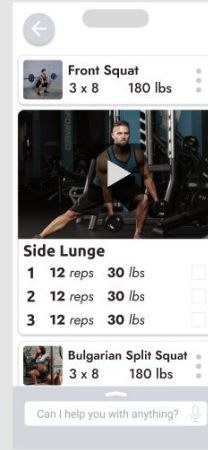
v3 Home Screen



v3 Active Exercise ...



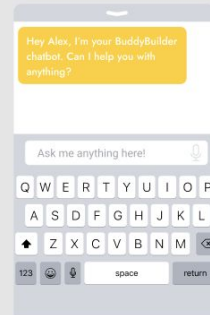
v3 Active Exercise ...



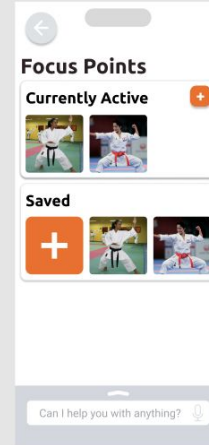
Frame...

Substitute  
Remove

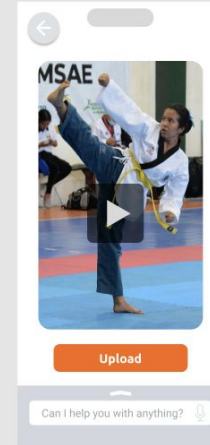
Frame 16



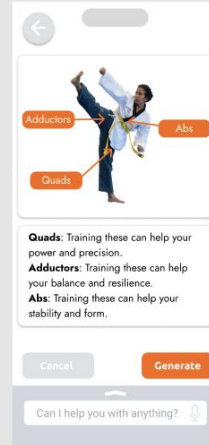
v3 Gallery



v3 Upload



v3 Muscle Identify





Questions / Feedback