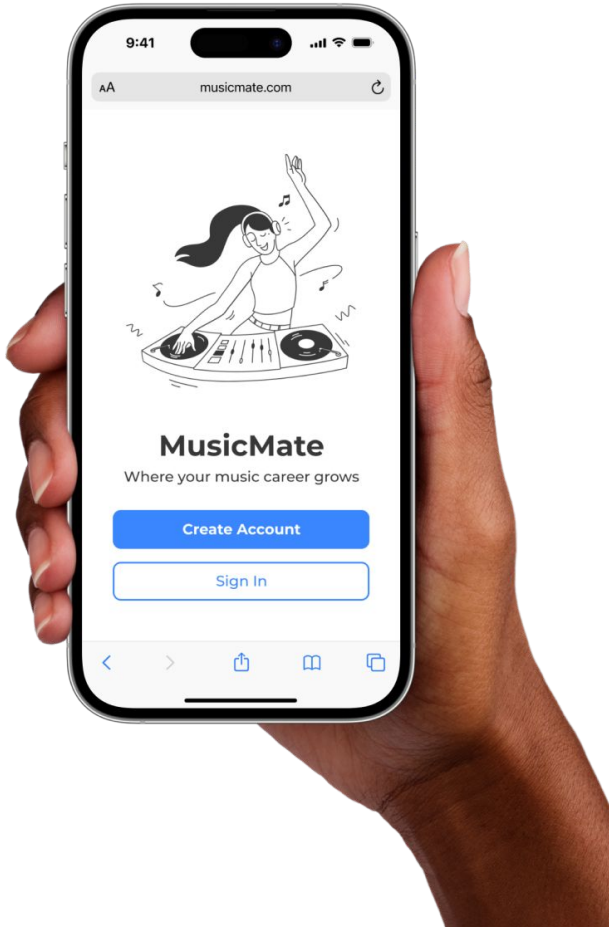
# MusicMate

MIMS Capstone Project
May, 2023



# Our Team (KAAAAR 🚙)

**Kay Ashaolu**
**Advisor**

**Advait Lad**
Product Management

**Ailiya Duan**
Product Design

**Akshar Dhondiyal**
Back-End Engineering

**Avash Adhikari**
Back-End Engineering

**Rishabh Thakur**
Front-End Engineering

Featuring:

# Portfolio Showcasing

# Agenda

- Product Overview
- Product Design
- Technical Implementation
- Impact & Future Work
- Q&Ac

# Background & Problem Statement

Music is a universal language that brings people together

**BUT**

- Musicians struggle to find like-minded people and collaborate
- Existing networking platforms are not tailored to musician's needs
- There needs to be a dedicated platform for musicians

# What is MusicMate?

A platform that connects musicians & music lovers

A thriving community that promotes growth

A place filled with opportunities

# Key Features

**Onboarding & Profile Creation**

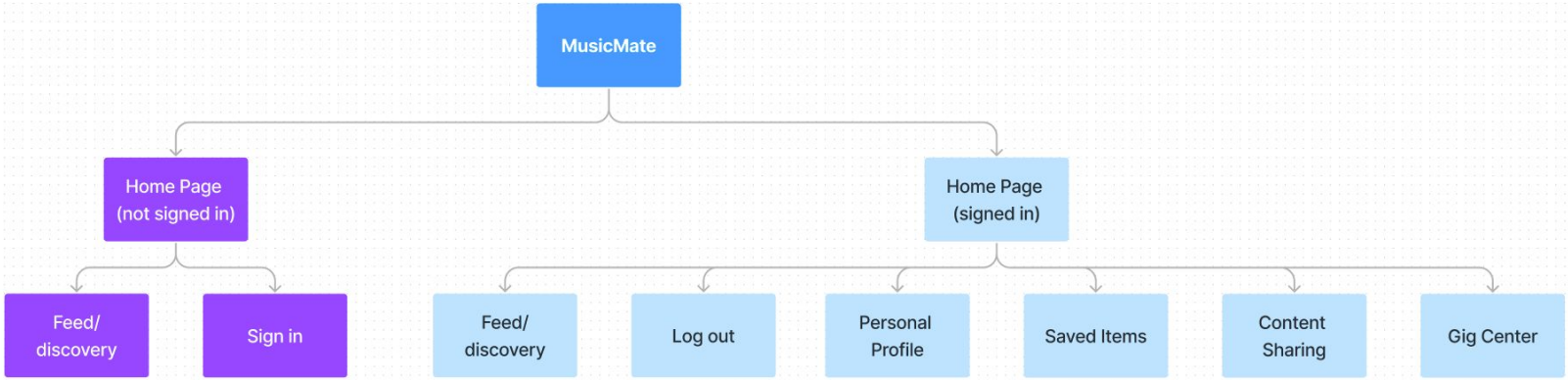
**Home Feed & Discovery**

**Finding Artists & Making Connections**

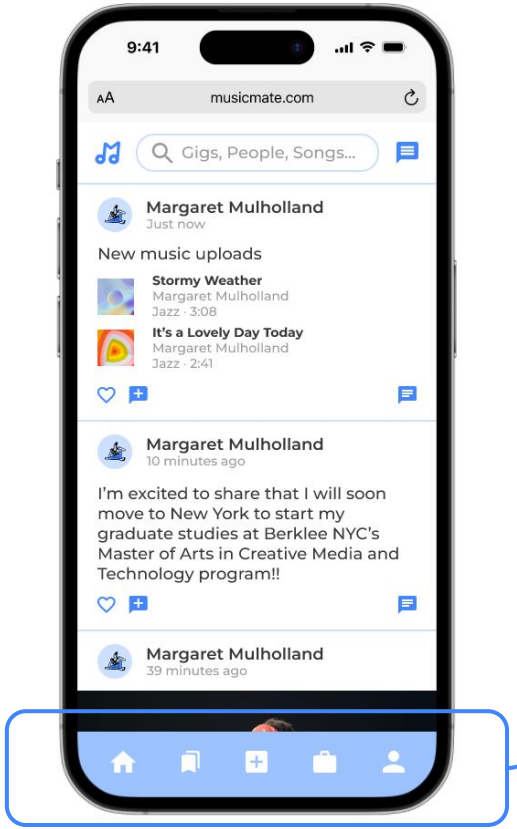
**Finding Local Gigs & Opportunities**

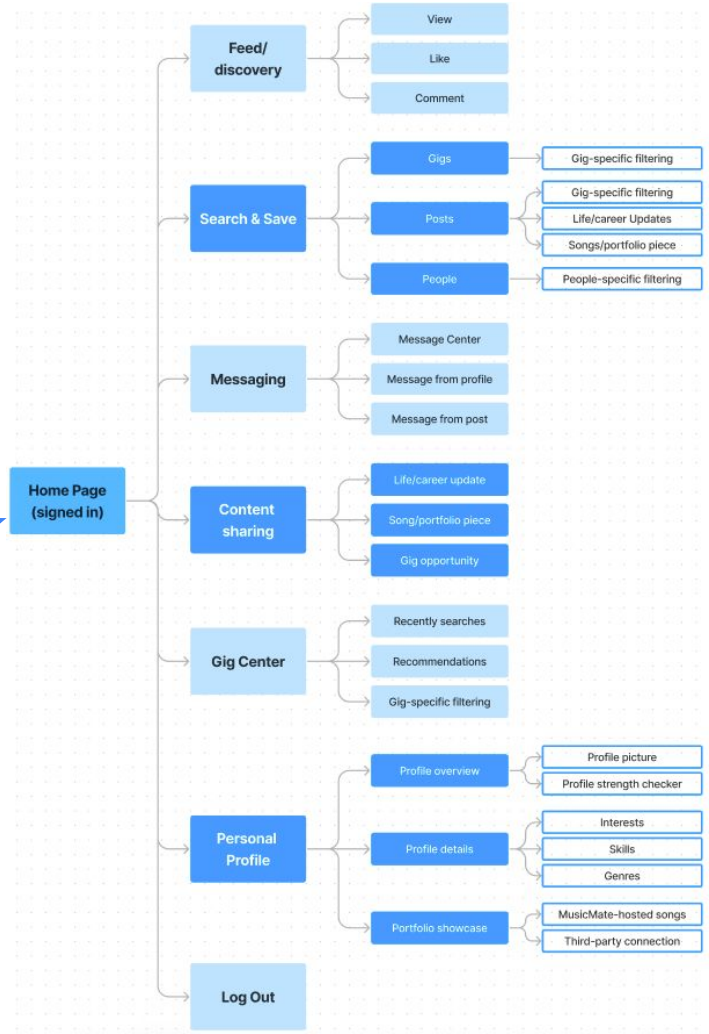
# Product Design

# Planning

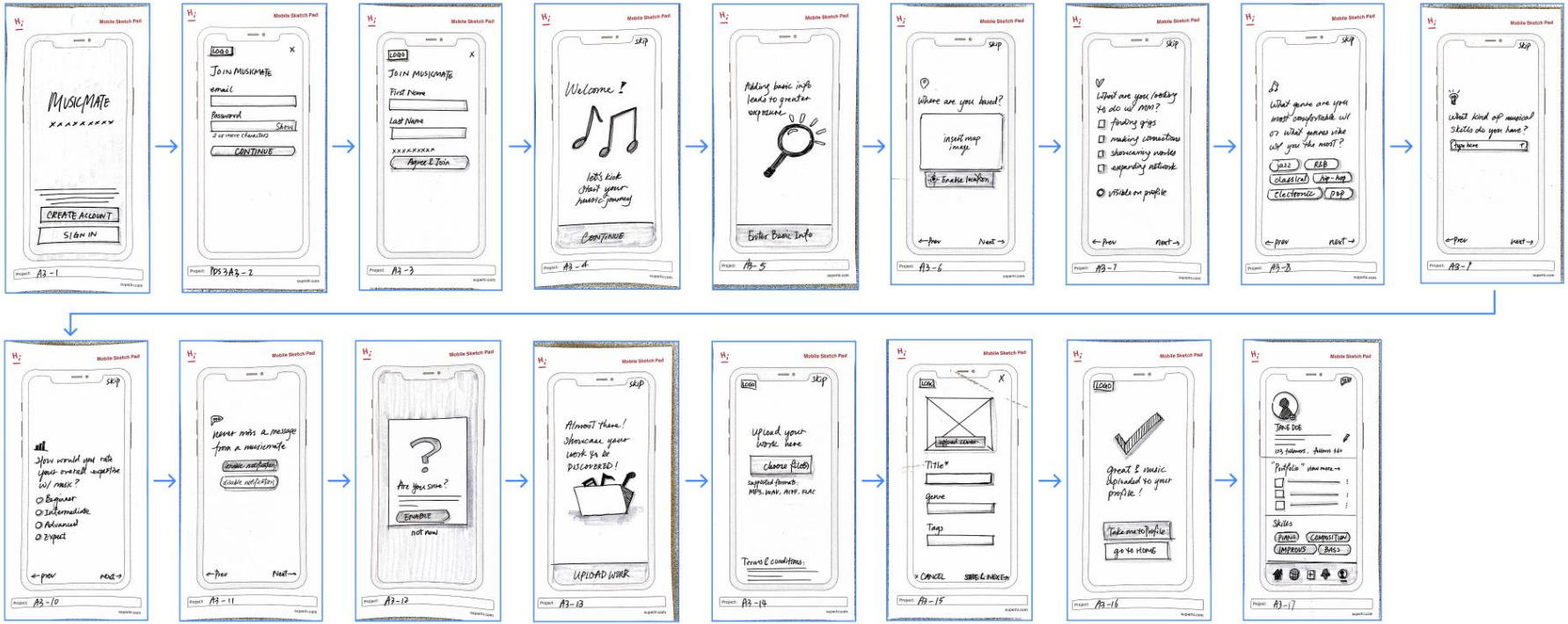

MusicMate
Home Page (not signed in)
Home Page (signed in)
Feed/ discovery
Sign in
Feed/ discovery
Log out
Personal Profile
Saved Items
Content Sharing
Gig Center

# Planning


9:41
musicmate.com
Gigs, People, Songs...
Margaret Mulholland
Just now
New music uploads
Stormy Weather
Margaret Mulholland
Jazz · 3:08
It's a Lovely Day Today
Margaret Mulholland
Jazz · 2:41
Margaret Mulholland
10 minutes ago
I'm excited to share that I will soon move to New York to start my graduate studies at Berklee NYC's Master of Arts in Creative Media and Technology program!!
Margaret Mulholland
39 minutes ago


Home Page (signed in)
Feed/ discovery
View
Like
Comment
Search & Save
Gigs
Gig-specific filtering
Posts
Gig-specific filtering
Life/career Updates
Songs/portfolio piece
People
People-specific filtering
Messaging
Message Center
Message from profile
Message from post
Content sharing
Life/career update
Song/portfolio piece
Gig opportunity
Gig Center
Recently searches
Recommendations
Gig-specific filtering
Personal Profile
Profile overview
Profile picture
Profile strength checker
Profile details
Interests
Skills
Genres
Portfolio showcase
MusicMate-hosted songs
Third-party connection
Log Out

# Lo-Fi Design


MUSICMATE
CREATE ACCOUNT
SIGN IN
JOIN MUSICMATE
email
Password
CONTINUE
JOIN MUSICMATE
First Name
Last Name
Agree & Join
Welcome!
Let's kick start your music journey
CONTINUE
Adding basic info leads to greater exposure
Enter Basic Info
Where are you based?
insert map image
Enable location
What are you looking to do w/ MM?
finding gigs
making connections
showcasing works
expanding network
visible on profile
What genre are you most comfortable w/ or what genres who use you the most?
jazz
R&B
classical
Hip-Hop
Electronic
POP
What kind of musical skills do you have?
Type here
How would you rate your overall expertise w/ music?
Beginner
Intermediate
Advanced
Expert
Never miss a message from a musicmate
Enable notifications
Disable notifications
Are you sure?
ENABLE
not now
Almost there! Showcase your work to be DISCOVERED!
UPLOAD WORK
Upload your work here
Choose file(s)
Terms & conditions
Title*
Genre
Tags
CANCEL
SAVE & NEXT
Great! Music uploaded to your profile!
Take me to profile
go to Home
Skills
PIANO
COMPOSITION
IMPROVS
BASS

# Branding

Design 1-1

MusicMate

Design 1-2

MusicMate

Design 2-1

MusicMate

Design 2-2

MusicMate

Design 3-1

MusicMate

Design 4-1

MusicMate

## Colors

**Neutral**
Used for texts, separator, etc.

**Blue**
The platform's main color

**Orange**

**Yellow**

**Green**

**Purple**

**Pink**

## Typography

**Typeface**
Montserrat

**Sizes & Weight (mobile)**

**"Touchpoint" page header bold 36**
Touchpoint page text medium 18

**Join page header bold 24**
Join page text medium 18

Regular page header medium 24
Regular page text medium 18
Regular page entry text regular 18
Regular page placeholder text regular 18

**Profile page name bold 24**
Profile page header medium 24
**Profile page social media header bold 18**
Profile page text medium 18

**Button text (main) bold 16**
Button text medium 18

## Buttons

**Decision Buttons**
Used when users have to make some kind of decisions (also used for login)

**Navigation Buttons**
Used for navigating through certain processes

**Upload Button**
Used to upload work to portfolio

**Variants**
Selections with two different states

## Shadows

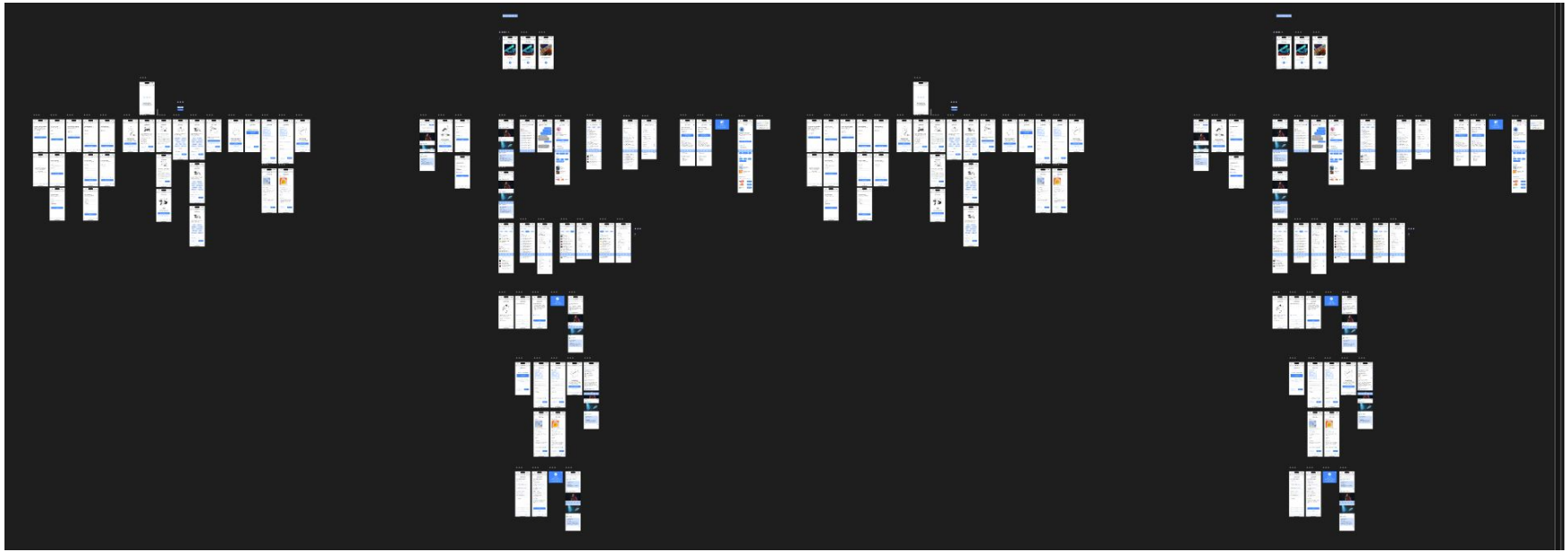
**Shadows levels**
Shadows give the feeling of proximity, it is very common on cards, images and buttons

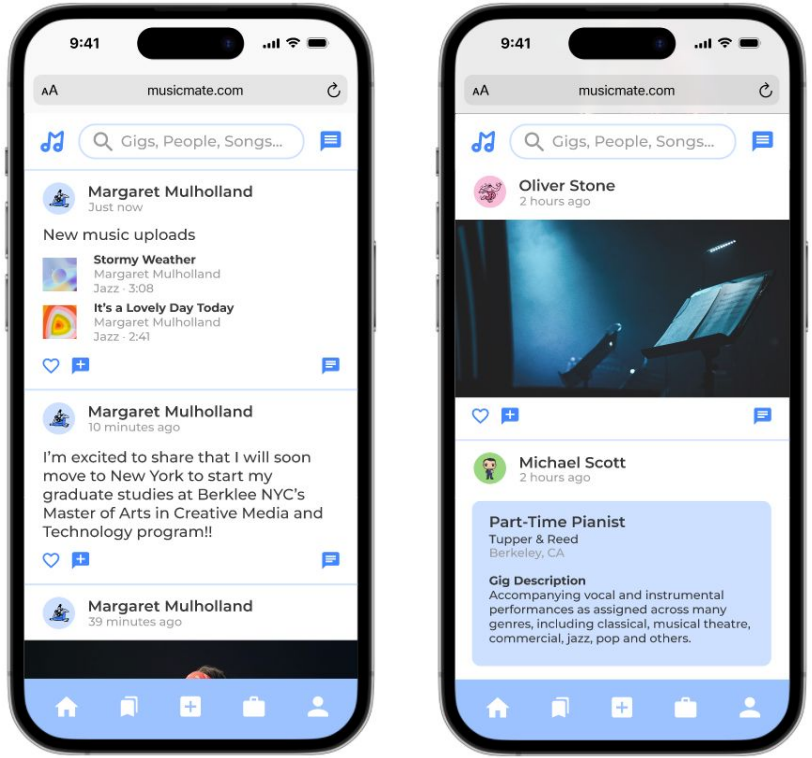
Small

Medium

Large

# Hi-Fi Prototype

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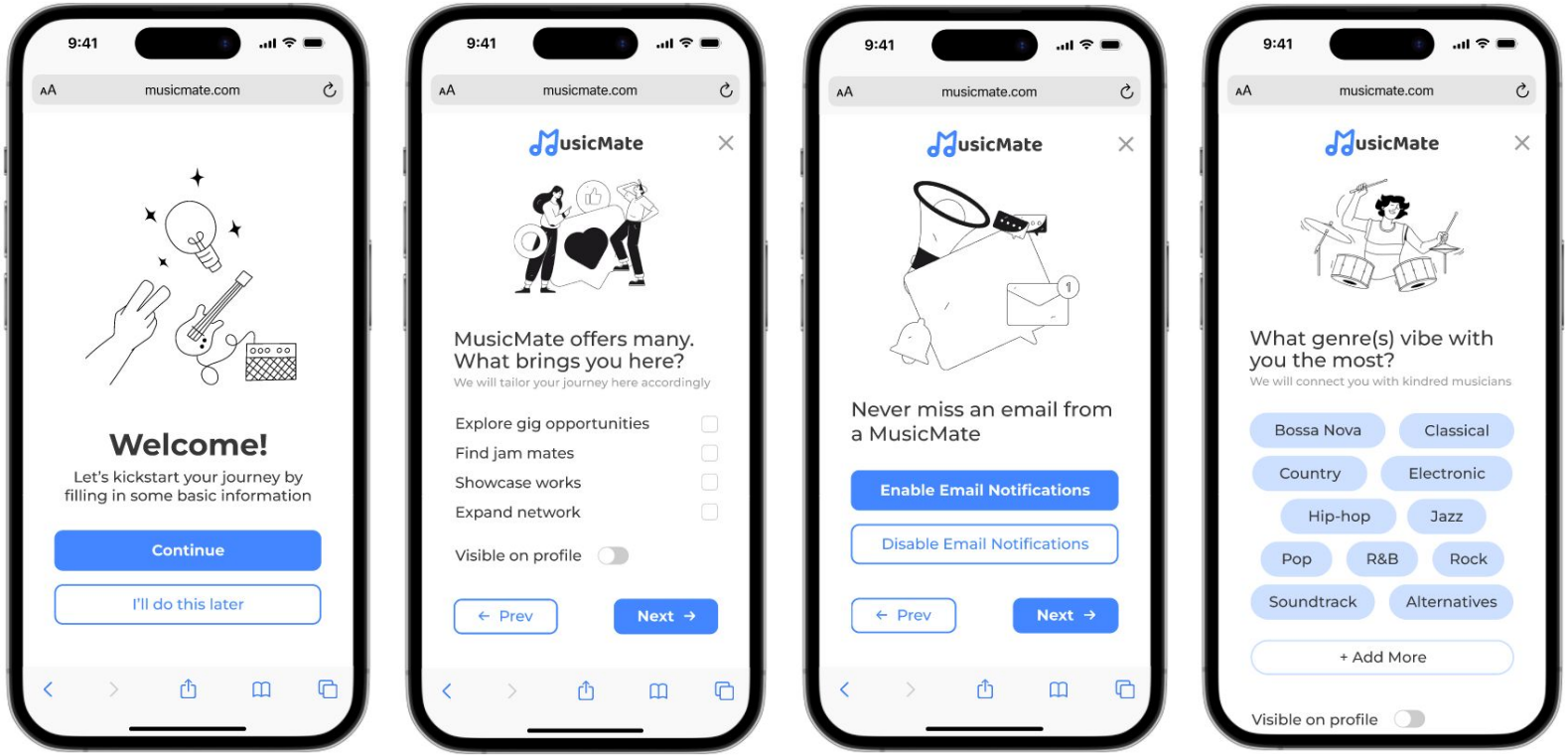
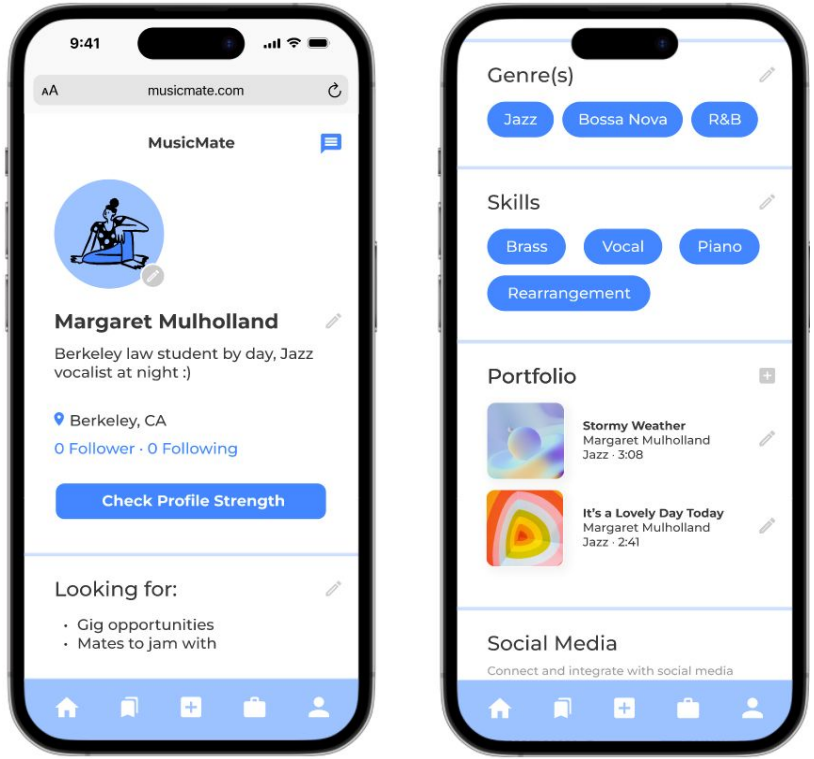
10 minutes ago
I'm excited to share that I will soon move to New York to start my graduate studies at Berklee NYC's Master of Arts in Creative Media and Technology program!!
Margaret Mulholland
39 minutes ago
9:41
musicmate.com
Gigs, People, Songs...
Oliver Stone
2 hours ago
Michael Scott
2 hours ago
Part-Time Pianist
Tupper & Reed
Berkeley, CA
Gig Description
Accompanying vocal and instrumental performances as assigned across many genres, including classical, musical theatre, commercial, jazz, pop and others.

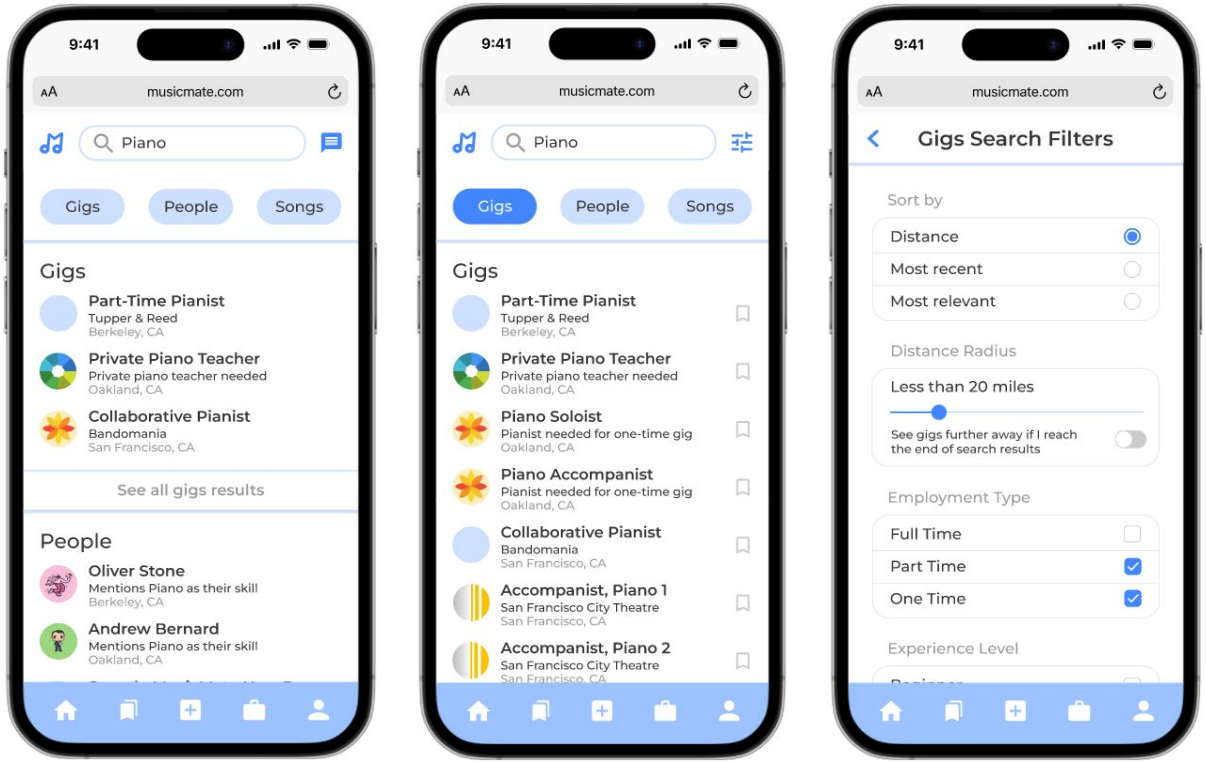
Home Feed



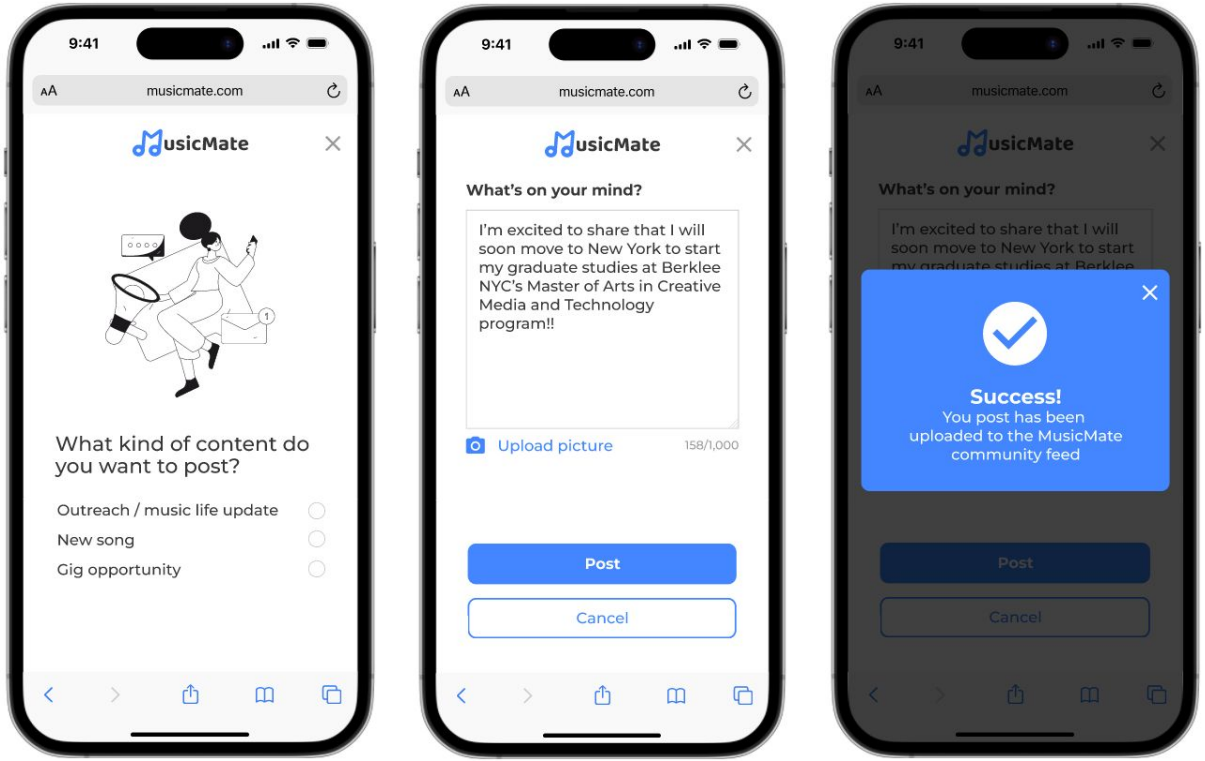

Onboarding Flow




Profile (user perspective)


9:41
musicmate.com
Piano
Gigs
People
Songs
Gigs
Part-Time Pianist
Tupper & Reed
Berkeley, CA
Private Piano Teacher
Private piano teacher needed
Oakland, CA
Collaborative Pianist
Bandomania
San Francisco, CA
See all gigs results
People
Oliver Stone
Mentions Piano as their skill
Berkeley, CA
Andrew Bernard
Mentions Piano as their skill
Oakland, CA
9:41
musicmate.com
Piano
Gigs
People
Songs
Gigs
Part-Time Pianist
Tupper & Reed
Berkeley, CA
Private Piano Teacher
Private piano teacher needed
Oakland, CA
Piano Soloist
Pianist needed for one-time gig
Oakland, CA
Piano Accompanist
Pianist needed for one-time gig
Oakland, CA
Collaborative Pianist
Bandomania
San Francisco, CA
Accompanist, Piano 1
San Francisco City Theatre
San Francisco, CA
Accompanist, Piano 2
San Francisco City Theatre
9:41
musicmate.com
Gigs Search Filters
Sort by
Distance
Most recent
Most relevant
Distance Radius
Less than 20 miles
See gigs further away if I reach the end of search results
Employment Type
Full Time
Part Time
One Time
Experience Level

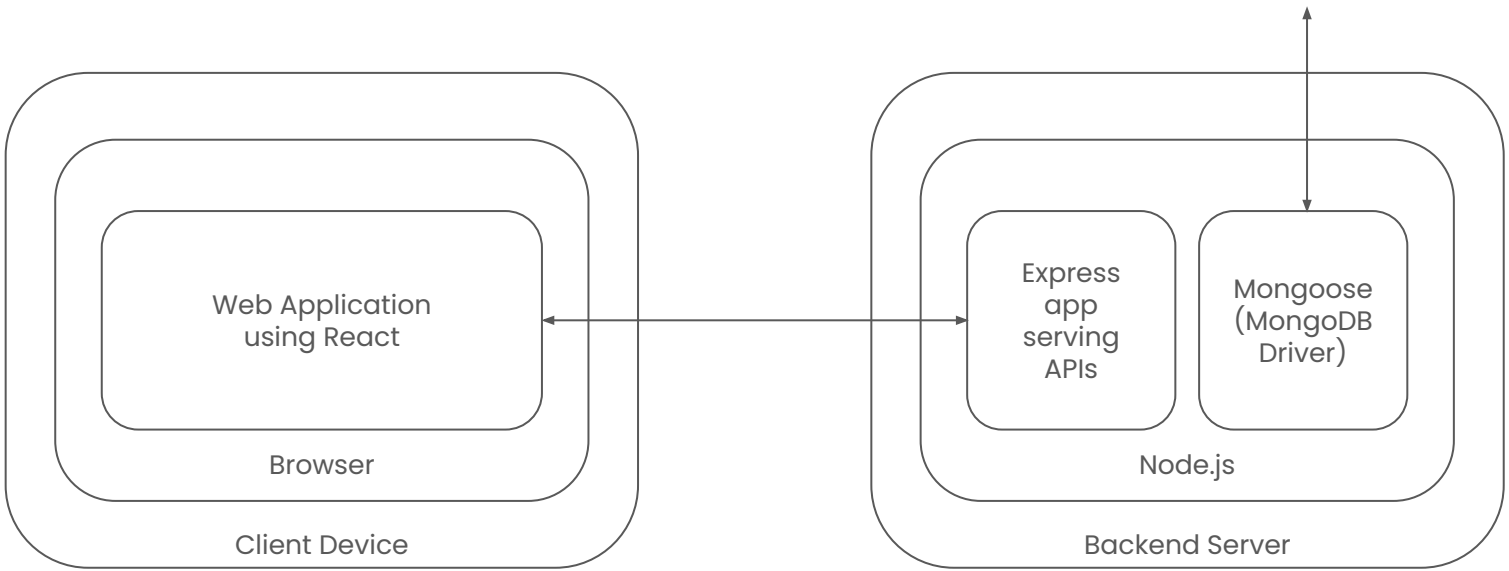
Search



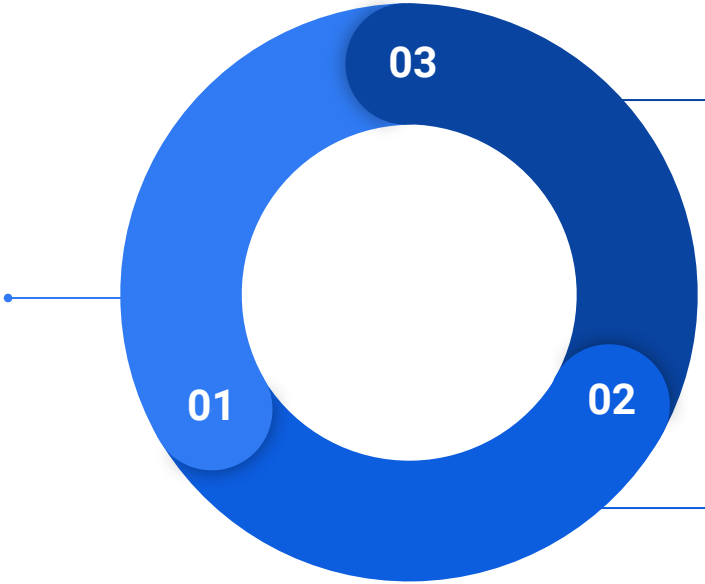

Content Sharing

# Technical Implementation

# System Architecture



# Frontend Development

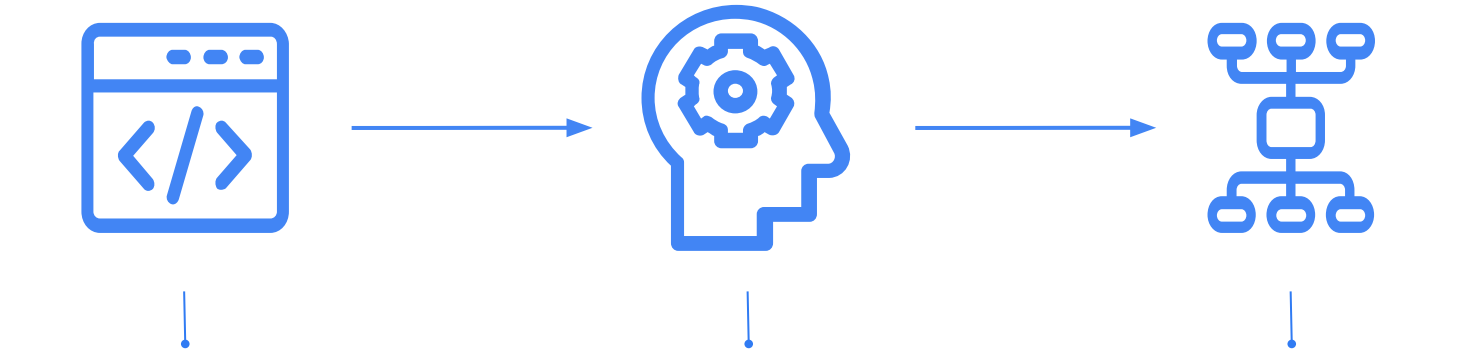



Unit and UX Testing

UI Components Design (Following High Fidelity Figma Designs)

Frontend <> Backend Integration

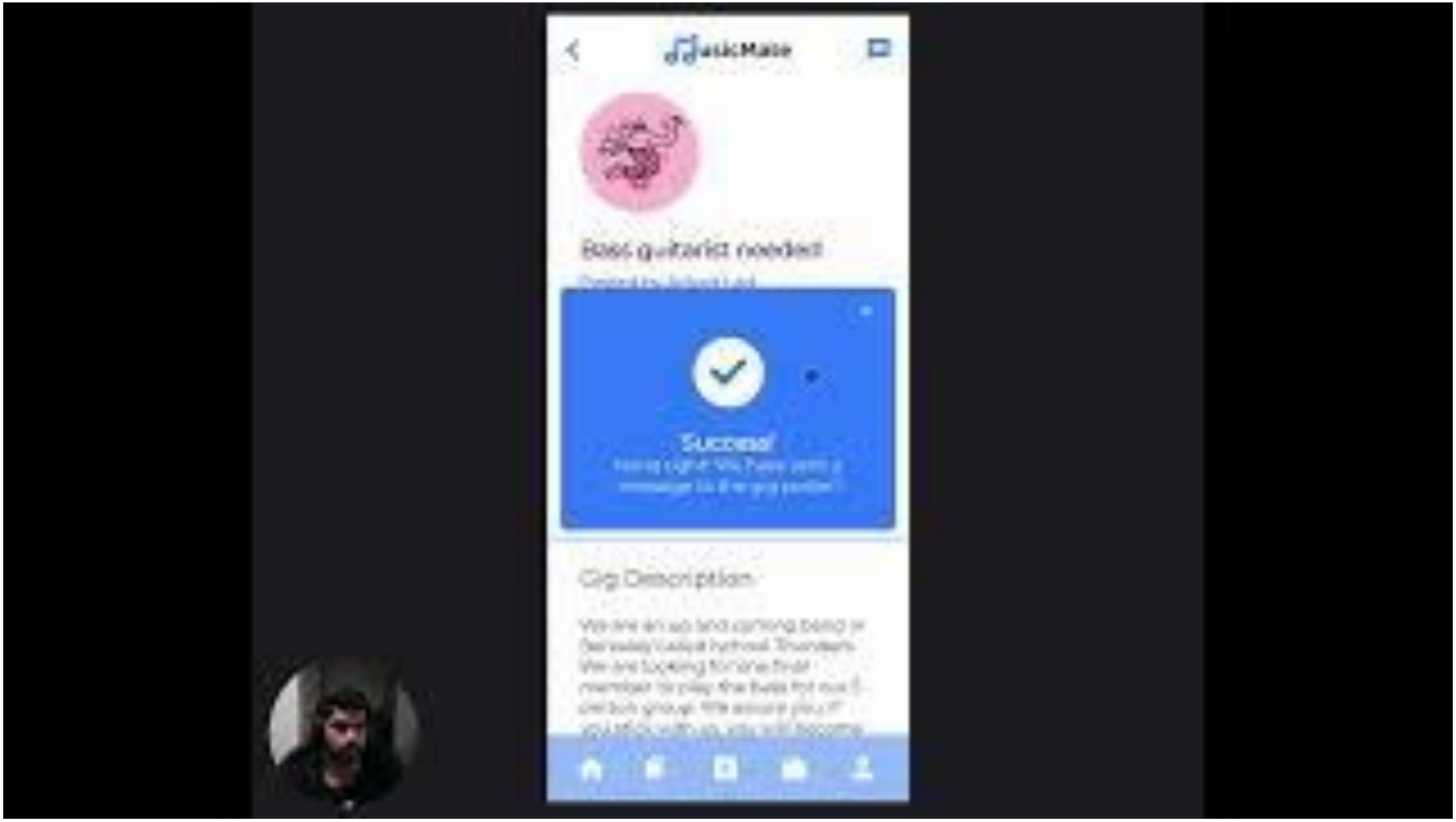
# Backend Development



NoSQL Database and Code Setup

Modeling

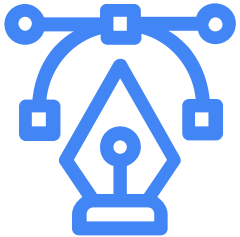
API Development


askMate
Bass guitarist needed
Success!
Gig Description

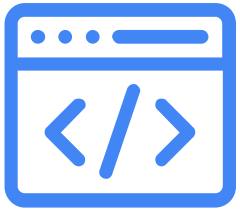
# Final Remark

# In total, we have...

**15+ hours of interviews**



**300+ frames of designs made**

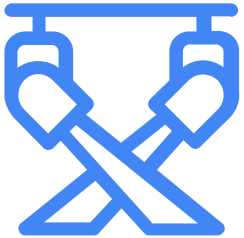


**40,000+ lines of code written**

# To build a community that...

**Connections & Collaborations**

**Creativity & Innovations**



**Opportunities & Exposures**

# Looking Ahead

# Thank You. Questions?

Berkeley SCHOOL OF INFORMATION

MusicMate