



# SoundPalette

Final Presentation



# Team Introduction



**Parth  
Chauhan**

*Product Owner  
Software Testing*

**Prab  
Khokhar**

*UI/UX Designer*

**James  
Windjack**

*Assistant Lead Developer  
Full Stack Developer*

**Victoria  
Danh**

*Scrum Master  
Front-End Developer*

**Kaija  
Sproxton**

*Documentation Specialist  
UI/UX Designer*

**William  
White**

*Lead Developer  
Full Stack Developer*

# Agenda

Introduction

What is SoundPalette?

Software Engineering Process

Sprint Timeline

Roles and Responsibilities  
Setbacks

Architecture Design

UI/UX Design

Software Testing

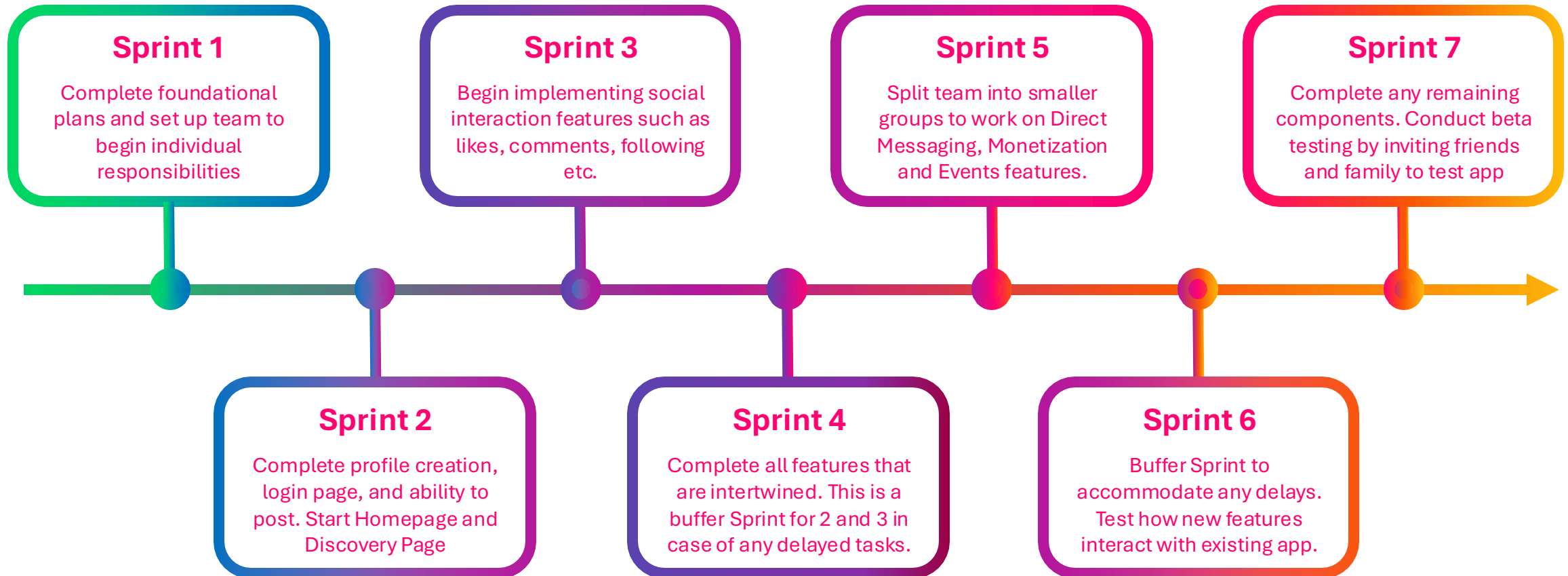
SoundPalette Demonstration



# What is SoundPalette?

- ➡ Social media Android app for artists
  - ✦ Musicians, vocalists, visual artists, poets, etc.
- ➡ Designed to help artists collaborate, grow a following, and monetize their work in a dedicated space
- ➡ Addresses the lack of a platform specifically for artists
  - ✦ Artists currently compete with influencers on platforms like Instagram, TikTok, and YouTube
  - ✦ Allows artists to focus all social media interactions in one place
  - Provides a space for users to discover new artists and find inspiration
- ➡ Offers a centralized platform for both artists and fans, separating artistic content from non-artistic content

# Sprint Timeline



# Original Responsibilities



## Parth Chauhan

Login  
Search Page  
Tags  
Direct Messaging

## Victoria Danh

Profile Page  
Followers/Following  
Blocks  
Saved  
Monetization

## Prab Khokhar

Homepage  
Likes  
Analytics  
Events\*\*

## Kaija Sproxton

Discovery Page  
Comments  
Monetization  
Analytics

## James Windjack

Posting  
Search Page  
Tags  
Direct Messaging  
Notifications

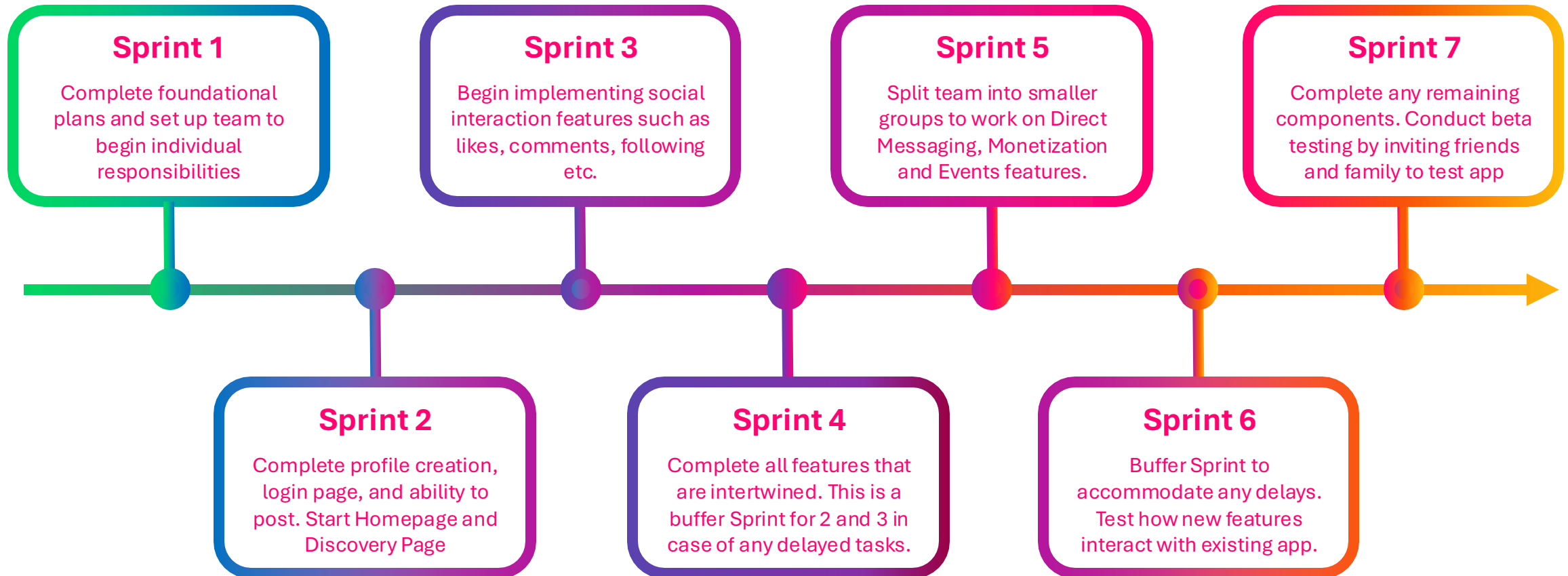
## William White

Back-end  
API server calls  
Notification  
Algorithm  
Events\*\*

# Roadblocks/Set-Backs

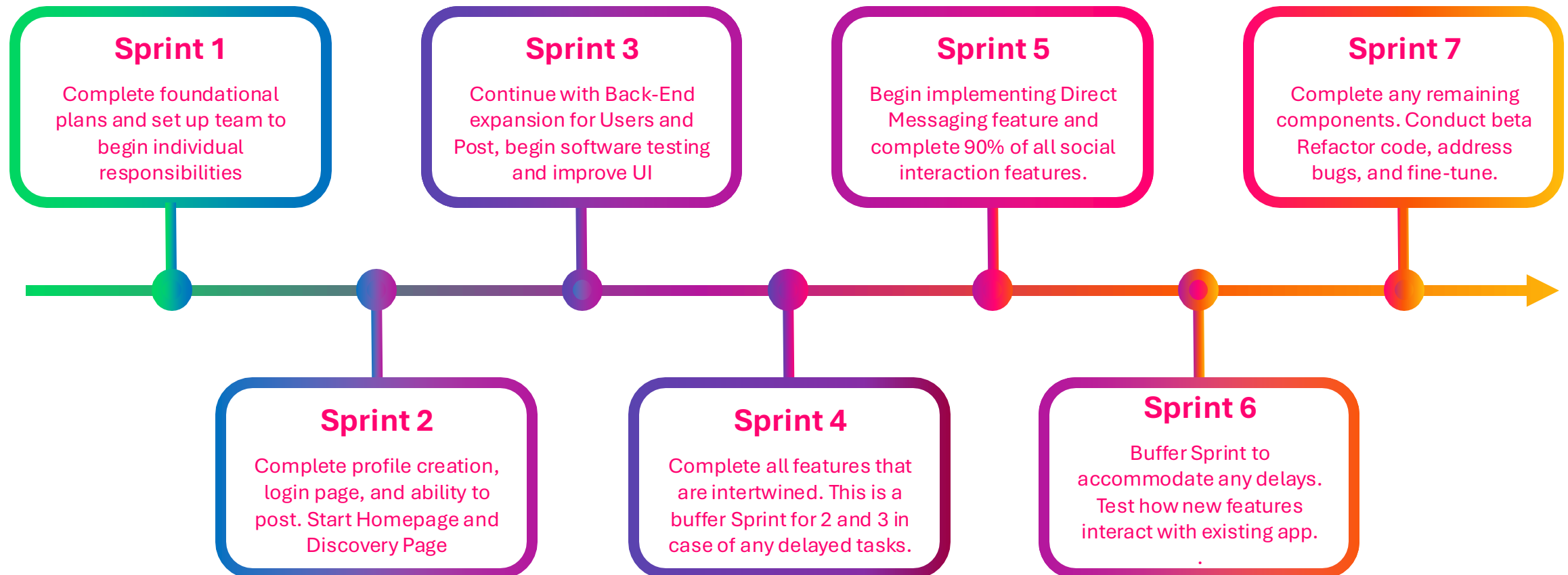
- ➡ Around Sprints 3 and 4, our team faced setbacks due to external factors. Although we had built a buffer into our Sprint Timeline, we still struggled to meet all our objectives.
  - ✦ Reassigned responsibilities to better accommodate the limited availability of some team members
- ➡ Given the time constraints, we made the decision to remove the Events and Monetization features from our scope.
  - ✦ We determined that the Events feature did not offer sufficient value to justify the development effort within the remaining timeframe.
  - ✦ In addition, a review of licensing limitations revealed that the Monetization feature is not currently feasible.

# Sprint Timeline





# Revised Sprint Timeline



# Original Responsibilities



## Parth Chauhan

Login  
Search Page  
Tags  
Direct Messaging

## Victoria Danh

Profile Page  
Followers/Following  
Blocks  
Saved  
Monetization

## Prab Khokhar

Homepage  
Likes  
Analytics  
Events\*\*

## Kaija Sproxton

Discovery Page  
Comments  
Monetization  
Analytics

## James Windjack

Posting  
Search Page  
Tags  
Direct Messaging  
Notifications

## William White

Back-end  
API server calls  
Notification  
Algorithm  
Events\*\*



# Updated Responsibilities

## Parth Chauhan

### Software Testing:

Test Case Design  
Regression Testing  
Bug Tracking  
Beta Testing  
Performance Checks

## Victoria Danh

### Front-End:

Profile Page  
Images & Audio Posts  
Interactions  
Comments  
Direct Messaging  
Search  
Notifications

## Prab Khokhar

### UI/UX Design:

Splash Screen  
Accessibility Focus  
Visual Design  
Color & Typography  
Brand Consistency

## Kaija Sproxton

### UI/UX Design:

Accessibility  
Accommodation  
Visual Design  
Color & Typography  
Brand Consistency

### Project-Related:

Documentation

## James Windjack

### Front & Back-End:

S3 Connections  
Registration & Login  
Profile Pictures  
User and Post Tags  
Text Posts  
Navigation  
Debugging

## William White

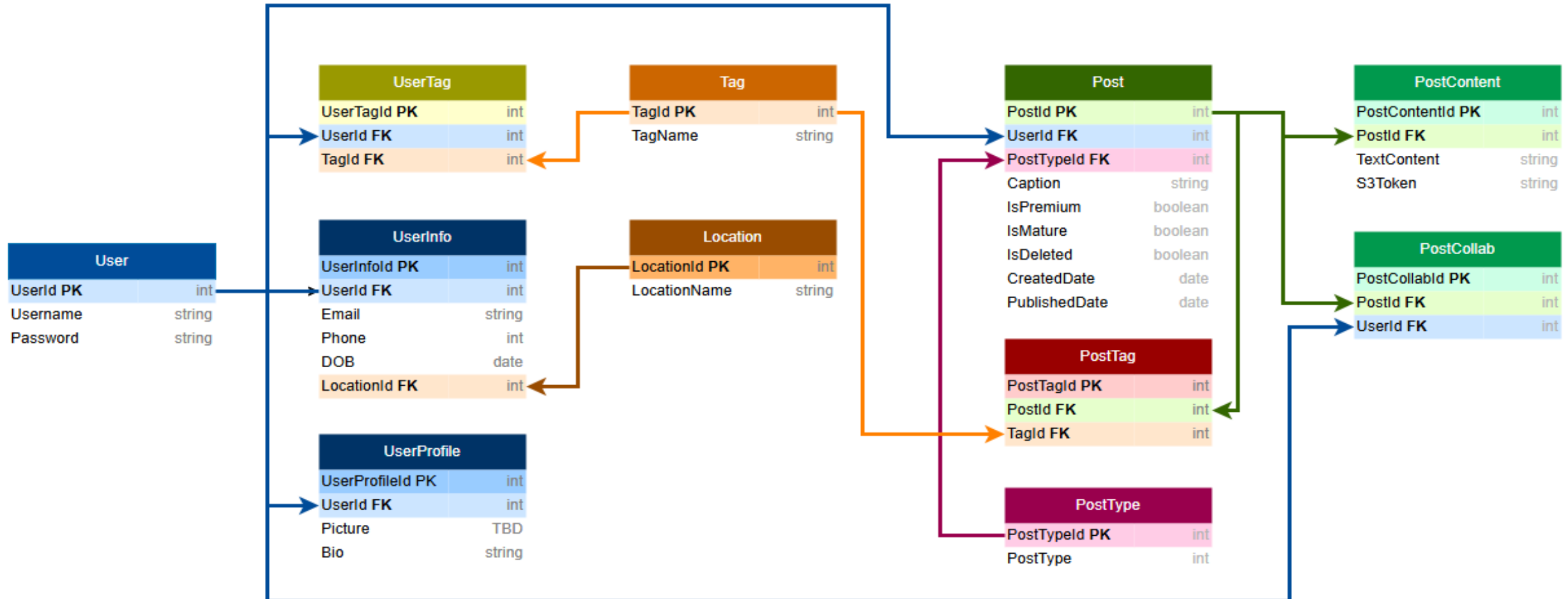
### Back-End:

Users  
Interactions  
Messages  
Algorithms  
Search  
All Posts  
Users and Post Tags  
Notifications



# Architecture Design

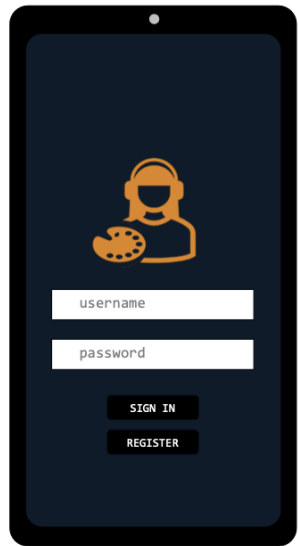
# Database Mock Up Design



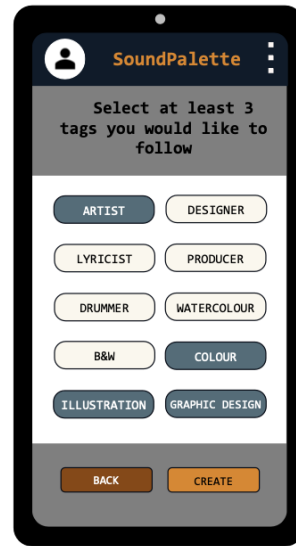
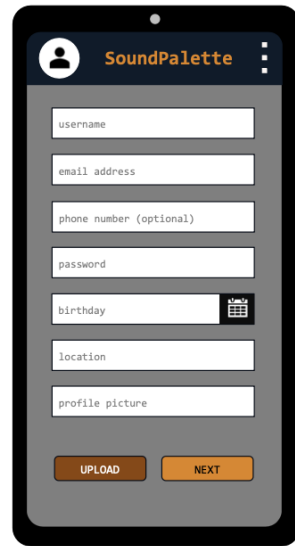
# UI/UX Design



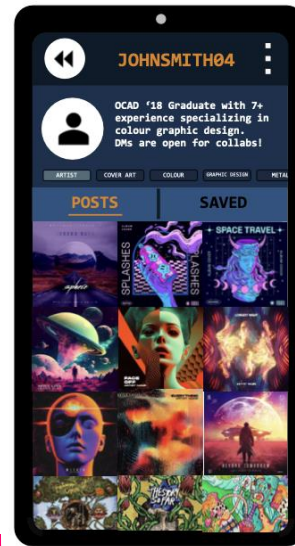
# UI/UX Mock Up Design



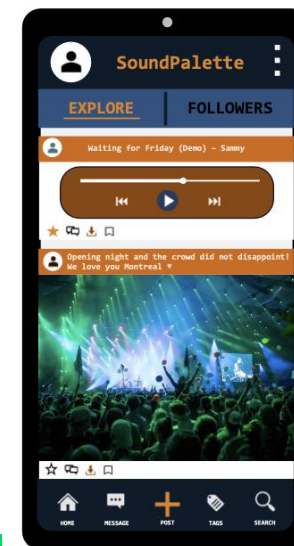
Login Page



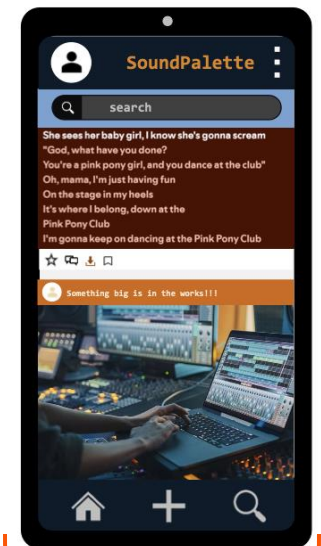
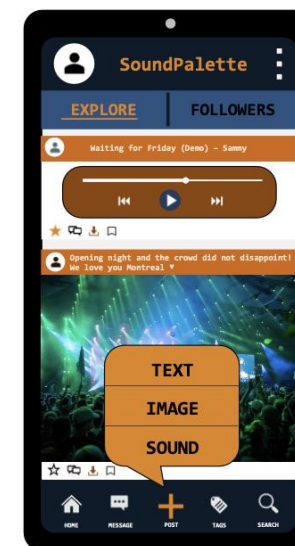
Profile Creation



Profile Page



Home Page



Trending

# Software Testing







# Software Testing Process

- ➡ The original plan was to conduct both unit and manual software testing at the end of each sprint or upon completion of new features.
- ➡ Due to scheduling conflicts, comprehensive software testing was postponed until Sprint 7.
- ➡ During development, James stepped in to help resolve bugs when Will or Victoria encountered issues that were time-consuming to fix (typically found through Manual testing)



# SoundPalette Demonstration

