App music- design

Scope:

Tho goal of this project is to develop a music app, the scope of the project will include:
● Signup screen
● Login screen
● Music selection screen
● Musing playing screen

I would like to be able to connect to Spotify API and by that create the music selection screen and the playlist screen, perhaps create a small DB for the user data and save the playlist(depends on the progress), and the frontend will be a react native app.

Overview

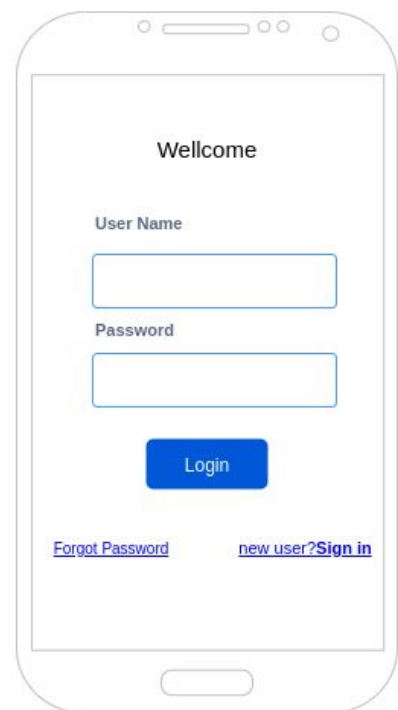This document will include the user flow and the components of the app, the functionality of each component.

Software Architecture
User interface:

Login Screen

Login Screen: four components:
● Name
● password
● login button
● Sign-in button
● Forgot password button

A user will be able to create a new account, log in into his account and reset the password from the Login screen

Wellcome

User Name

Password

Login

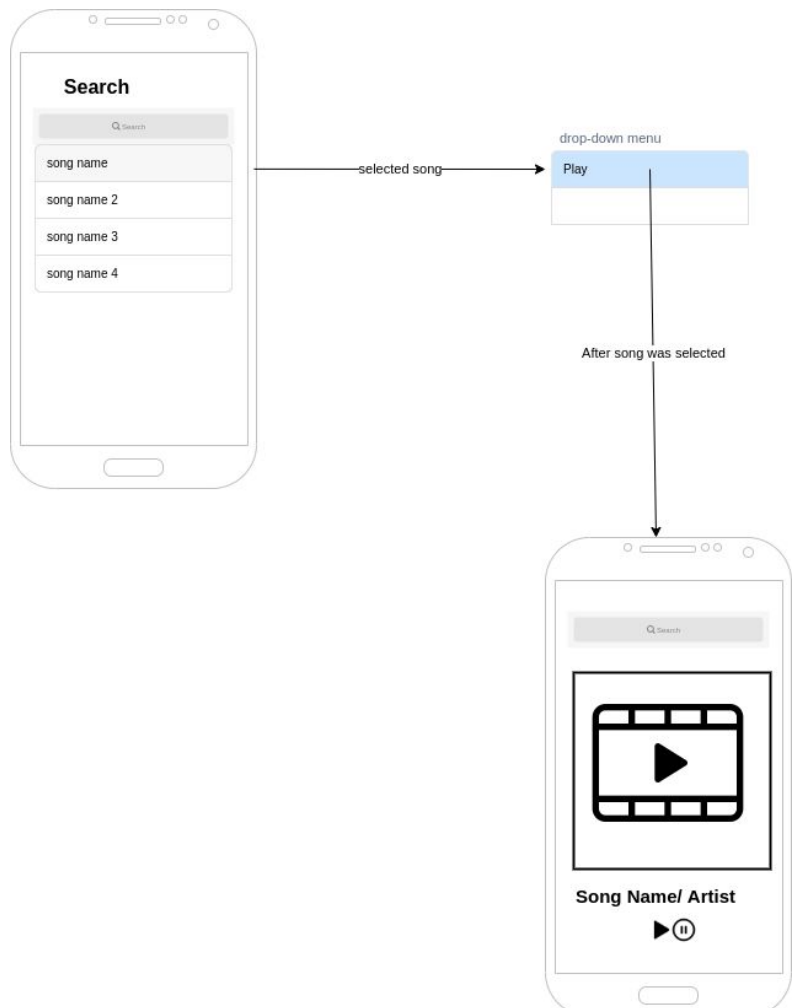Forgot Password   new user?Sign in

Sign in screen:
- First + Last name
- Phone number
- Password
- Create an account button

User can create a new account (unique per phone number), set a password, and save the created account.

Create a account

First Name

Messina

Last name

Cake

Phone Number

000000

Password

Messina Cake

Create

Search Music + Play music screen: a screen that is dedicated for music searching by Artist/Song name.
- A search text box with filters by Song name OR Artist name
- selection of the result
- Play the result
- Add the result to the playlist

Search

Q Search

song name

song name 2

song name 3

song name 4

selected song

drop-down menu

Play

After song was selected

Q Search

Song Name/ Artist

▶ ⓘ

Data handling

The user data such as full name, phone number, encrypted password will be saved (need to research what would be the best way to save this data)
In case I will have more time I would also consider creating a playlist page and save the data in a DB.

Client side - react native + spotify api Javascript (client-side)
Backend - undetermined