Test Plan and Report
Product Name: UNUS

Team Name: BIGAS UNUS

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US1. As a user I want to be able to sign up and have my information stored, and then be able to log into my account.

US2. As a user I want to be able to see and play my music libraries from my various music applications.

US1:
Scenario 1: Sign Up (pass)
1. Start app and click sign up, user will then be prompted with these fields to fill out. All fields must be filled.
   Email: <email for account> (min 3 characters)
   First name: <name>
   Password: <secure password> (min 7 characters)
   Confirm Password: <password> (same as password)
2. User should be redirected to the home page and see a message that says "Account Created!"

Scenario 2: Log In (pass)
1. After having created an account the user can now log out and then select the log in button, they will then be prompted for the email and password they signed up with.
   Email: <email they signed up with>
   Password: <associated password>
2. The user should then be redirected to the home page and see a "Logged in Successfully!" message.

The log in/logout and sign up functionalities were tested in various ways using automated unit testing, this is in the test_app.py file.

Run with this command:
python3 -m unittest test_app.py

US2:
The spotify functionality is impossible to test with automated unit testing due to the nature of the spotify api authentication. Therefore the functionality must be tested manually.

Scenario 1: Linking accounts (pass)
1. After logging in/signing up, the user will go to the linker tab. Here there will be two buttons for spotify and soundcloud.
2. The user clicks the spotify button and is redirected to the external spotify authentication page where they log into spotify and authorize the application's scopes.
3. The user then clicks the soundcloud button which takes them to a page where they are prompted to insert their soundcloud user ID which is found in the settings of the soundcloud app.
4. After doing these two steps they should see all their spotify songs displayed on the left side of their screen, and a soundcloud widget on the right hand side with all their soundcloud songs displayed.

Scenario 2: Music Playback (pass)
1. After linking accounts the user will be able to play the displayed spotify songs. They can pause and play the songs, and they can also press play on another song while one is playing which will pause the current song and play the selected one.
2. They will also be able to pause/play their soundcloud songs on the right side of the screen through the soundcloud widget.

All these functionalities must be manually tested.