Author: Frank Ekwomadu. C

Tech Stack: Angular, HTML, CSS, JS

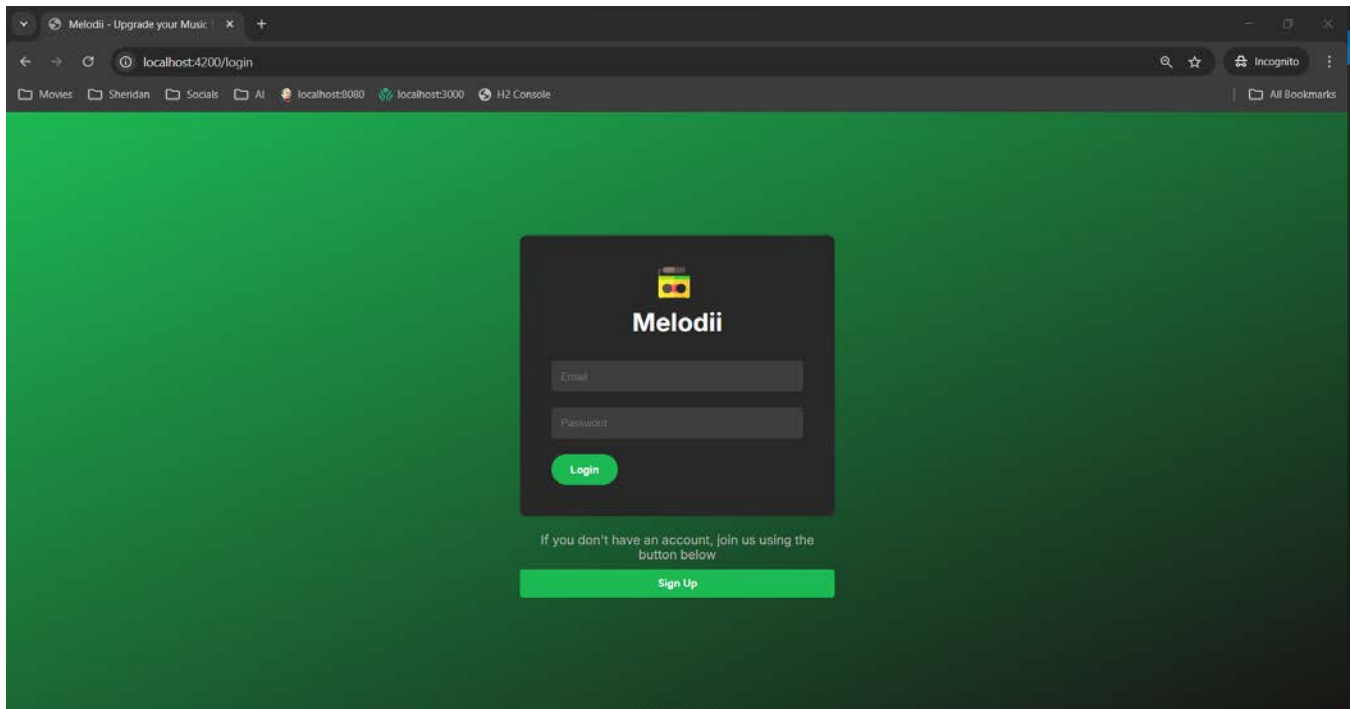# MELODII

Features:

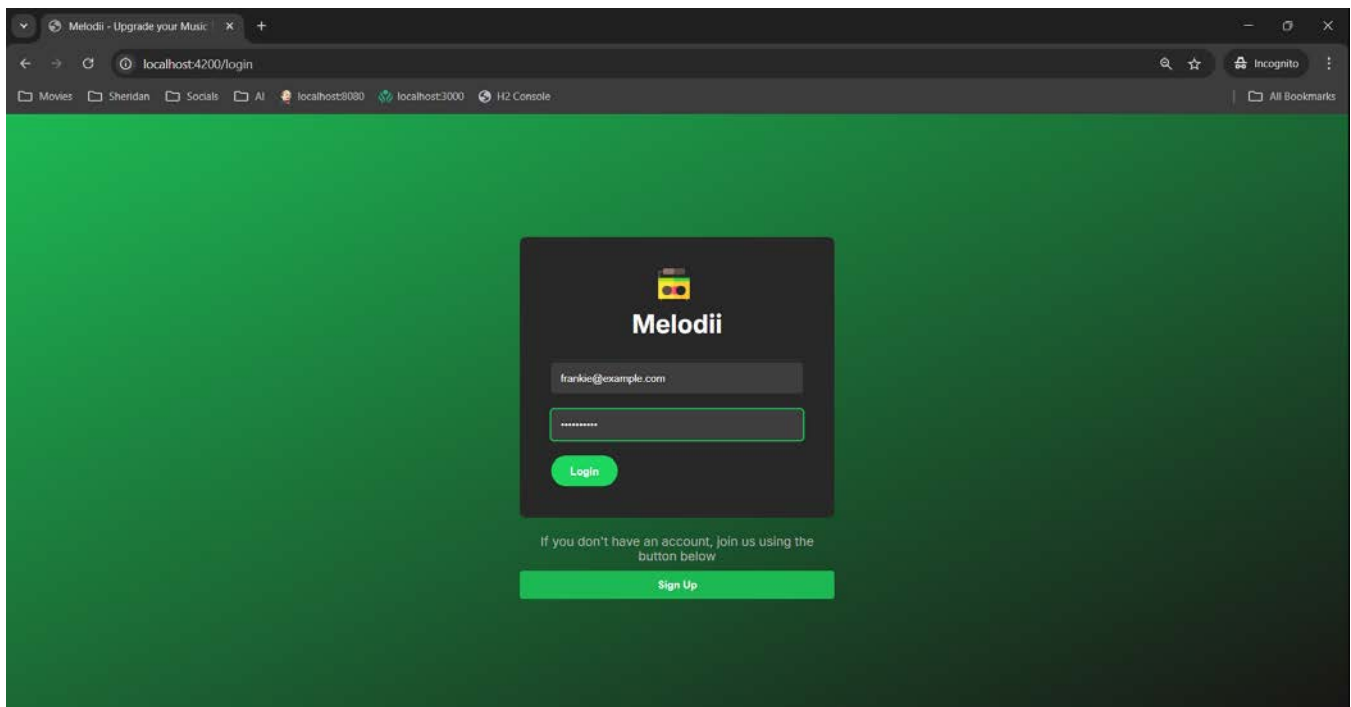1. Authentication:
    a. Login and Signup page with email/password authentication
    b. Auth guard to protect routes
    c. Existing credentials:
        - Username: **test@example.com** | Password: **test123**
        - Username: **frankie@example.com** | Password: **frankie123**

2. Home Page:
    a. Displays music grouped by genres
    b. Each song card shows title, artist, and image
    c. Responsive grid layout
    d. Hover effects on cards

3. Song Details:
    a. Detailed view for each song
    b. Shows cover image, title, artist, genre, duration, release year, and description
    c. Clean and modern layout

4. User Profile:
    a. Displays the details of the logged-in user
    b. Details can be modified and saved
    c. Users can sign out of the account

5. Data Storage:
    a. User credentials stored in *users.json*
    b. Music data stored in *music.json*
    c. Services to handle data fetching.

<u>Project Demo</u>: After cloning the repository on your system and installing dependencies (install npm), Run the project (ng serve).
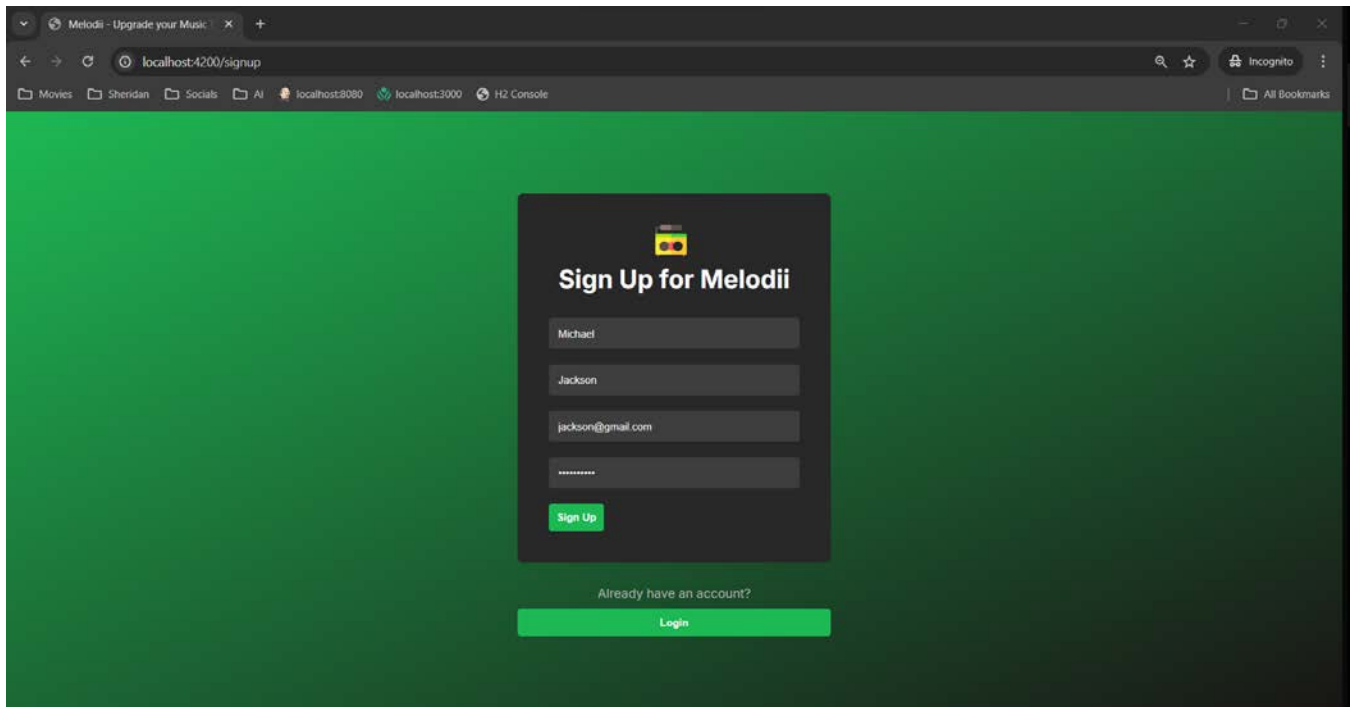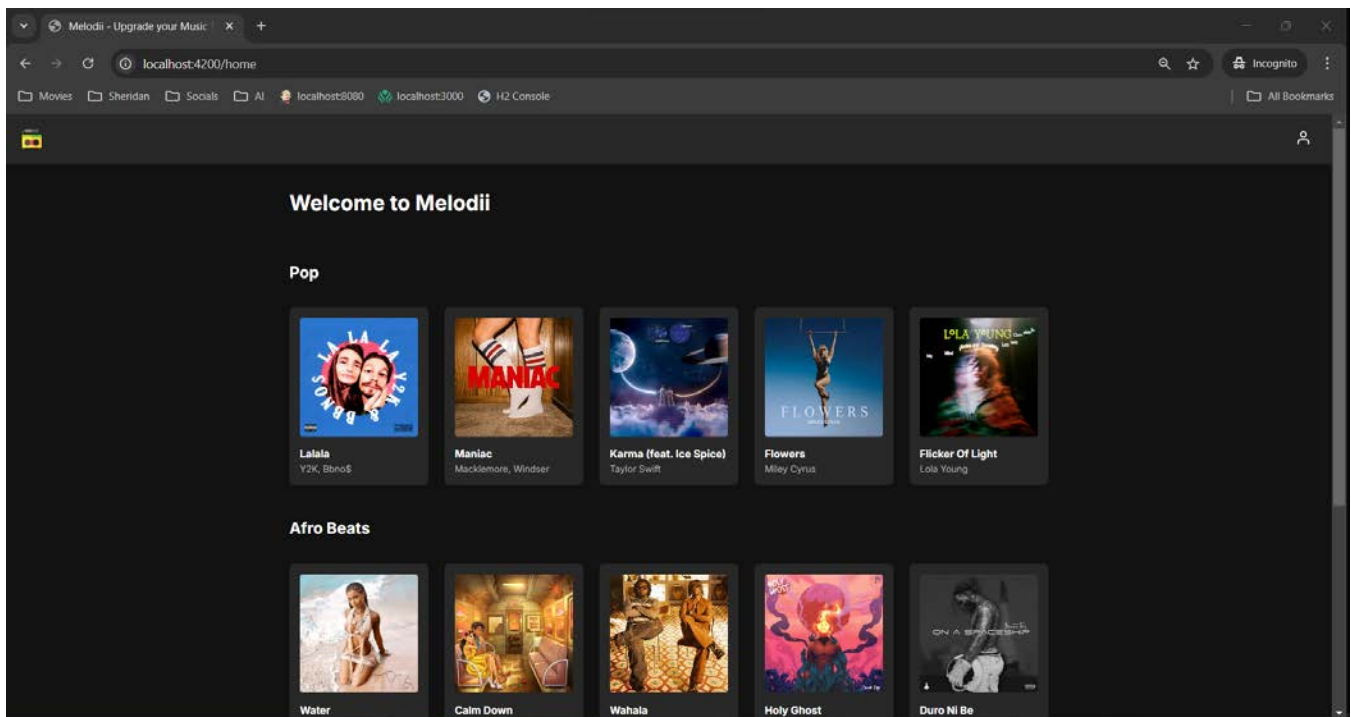
1) This is the landing page.

2) Enter the VALID credentials provided, then click on 'Login' (or click on "Sign Up" to create an account)
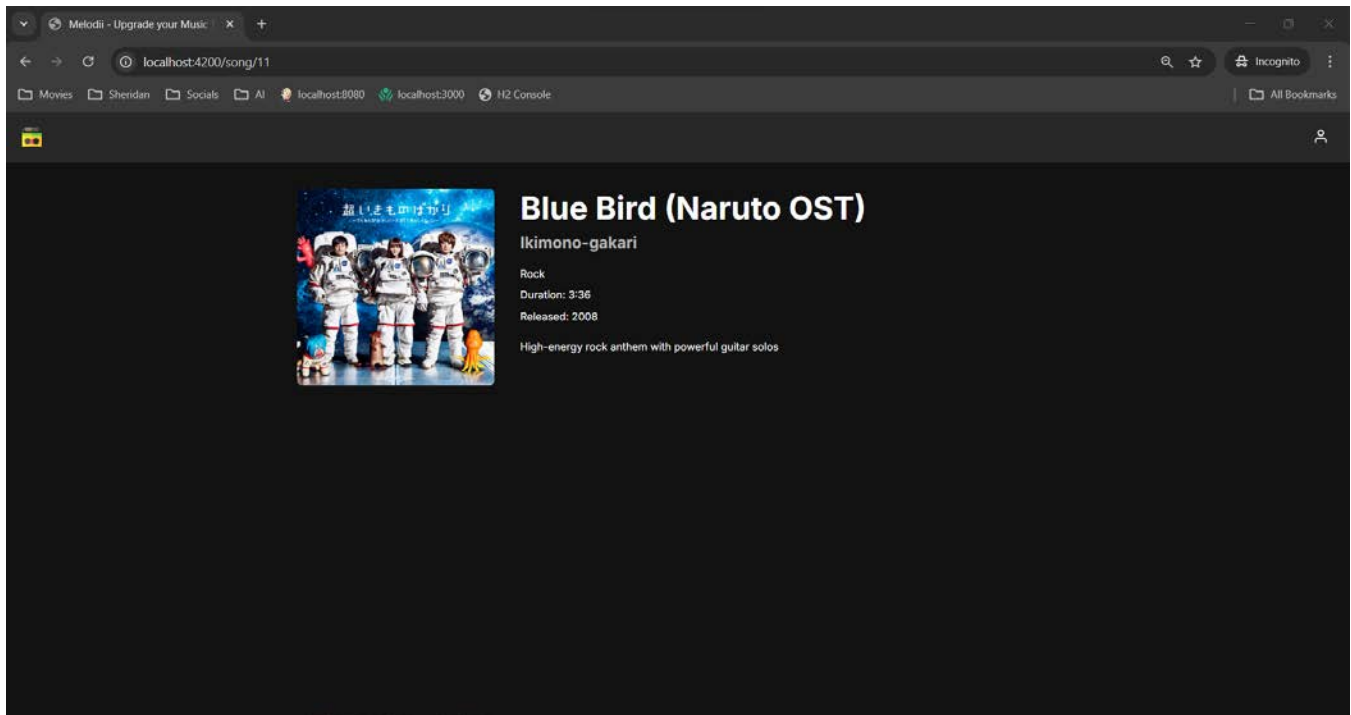
3) If you clicked on "Sign Up", enter VALID credentials on the provided fields and click on "Sign Up" to get redirected to the "Home" page.
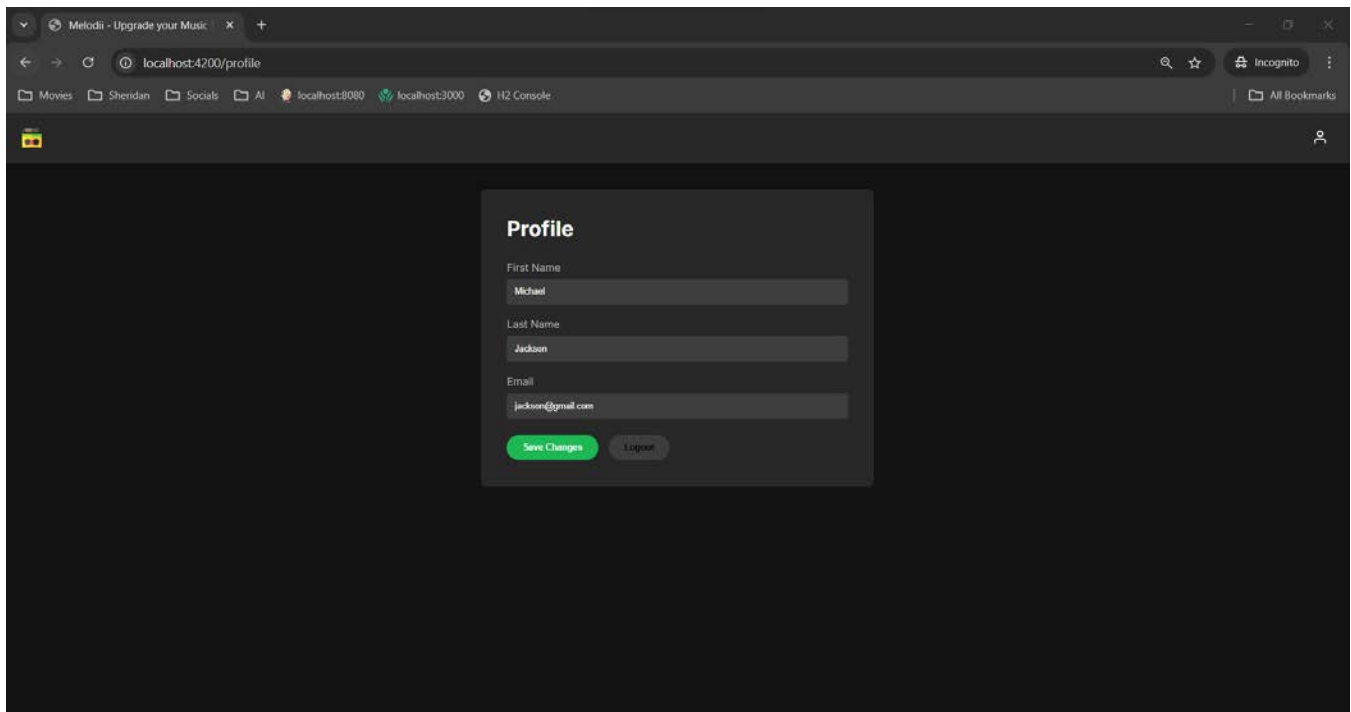

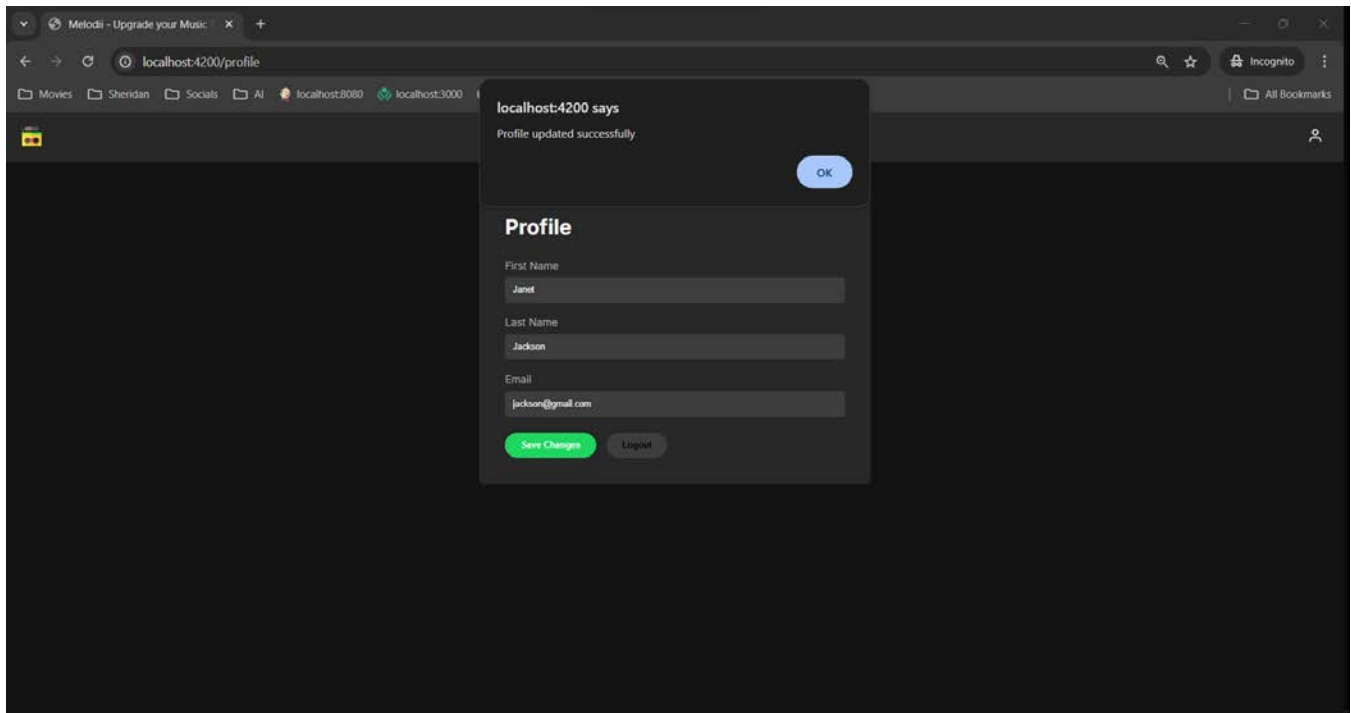4) This is the Home page. Click on any song to display their details.

5) Song details page. Click on the profile icon at the top right of the page to open the profile page.
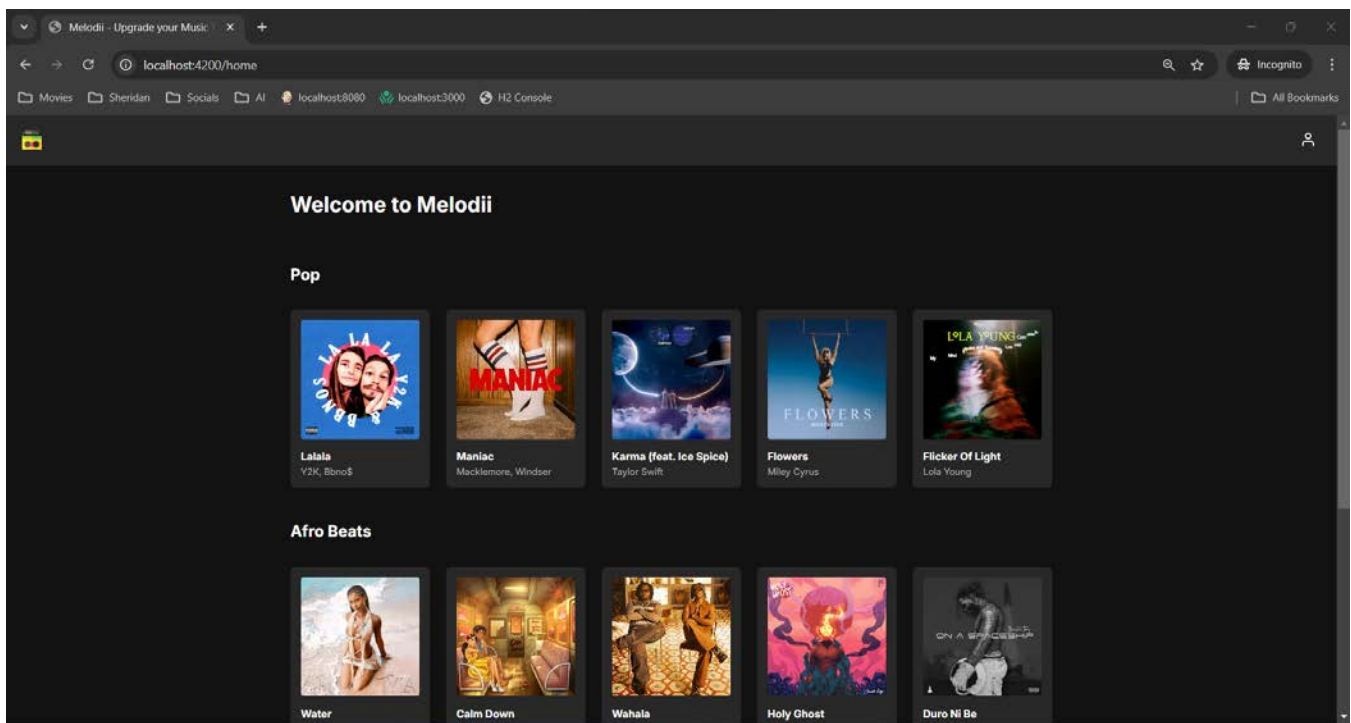

6) User Profiles page.

7) Edit the user's first name to "Janet" and click "Save Changes". Click on "OK" to route back to the "Home" page.

8) Click on the profile icon at the top right of the page to open the profile page.

9) Verify that the edited name persists (Janet). Click on "Logout" to get signed out of the account and return to "Login" page.