ZYRA - Spotify Clone Project Summary

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1. FRONTEND STRUCTURE

- Desktop-only music player using HTML, CSS, and JavaScript.

- Layout includes:

  * ZYRA logo (top-left)

  * Search bar (center)

  * Login or Greeting (top-right)

  * Sidebar library for song list

  * Main player area with album art, song details, and controls

  * Progress bar, volume, and playback status display.

2. CUSTOM BRANDING

- Replaced Spotify branding with ZYRA's musical 'Z' logo.

- Theme: Blue and Purple gradient for a modern neon style.

- Created two logo formats: circular and horizontal.

- Added hover animations and glow effects for interactivity.

3. FUNCTIONAL PAGES

- index.html - Main landing page with search, player, and login.

- login.html - Simple login interface with ZYRA logo that redirects to index.

- dashboard.html - Post-login version displaying "Hi [name]!!" and logout option.

4. INTERACTIVITY & FEATURES

- Real-time song search functionality.

- Music player with Play, Pause, Next, Previous, and progress tracking.

- Volume and mute control with smooth UI feedback.

- Personalized greeting for logged-in users.

- Added custom user-uploaded MP3 support for local playback.

5. DESIGN STYLE

- Dark modern theme with minimal gradients.

- Consistent header bar across pages.

- Rounded buttons, soft shadows, and smooth transitions.

- Centered content layout for desktop viewing.

6. BACKEND PLANNING (Partially Setup)

- Planned Node.js + MongoDB backend for:

  * User authentication (register/login)

  * Track uploads and metadata storage

- Local file upload for quick demo (full backend setup pending).

7. LOCAL SONGS

- Replaced demo songs with Bond's own MP3s for personal playback.

- Stored under assets/songs/ and linked directly in app.js.

PROJECT STATUS: Frontend fully functional and aesthetic.

Backend partially planned (auth + uploads).