

# Harmonic Links (Option 1)

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# The Problem

Music lovers often struggle to find new connections between their favorite artists and albums beyond algorithmic recommendations. Existing discovery tools lack an interactive and engaging way to explore the relationships between musicians.

# The Solution

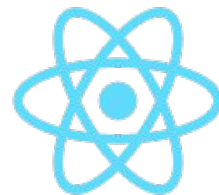
Introducing **Harmonic Links**, a web app that turns music discovery into a game! Inspired by *Movie to Movie*, our platform challenges users to connect artists through albums they have influenced – all powered by the Spotify API.

**Harmonic Links** offers engaging music discovery, deepens users' music knowledge, encourages friendly competition, and fosters organic exploration.

# Tech Stack

- **NextJS & React** → Smooth, interactive UI
- **NodeJS & Vercel** → Fast backend & seamless deployment
- **Supabase** → Scalable, open-source backend
- **Spotify API** → Music data integration

NEXT.js



# Team Roles

Team Role	Team Member	Focus
Full-Stack Developer	Ben Wowo	
Full-Stack Developer	Nate Christie	Backend Integration + Creative Design
Front End Developer	Srujana Ayyagari	
Front End Developer	Alec Ibarra	
Back End Developer	Sunaina Ayyagari	
Back End Developer	Kevin Dang	

# Project Setup

- **Version Control:** Git via GitHub
- **Project Management:** GitHub Projects
- **Collaboration & Communication:** Discord
- **Deployment & Hosting:** Vercel (Frontend) + Supabase (Backend)
- **CI/CD:** Automated deployments via Vercel
- **Timeslot:** Wednesday @ 2:15PM

