

Project Overview: TrackLab is a web application that allows users to add, view, and manage a list of songs along with the instruments used in each track. The app uses an Express.js server with full CRUD (Create, Read, Update, Delete) support, allowing interaction with an in memory array of song objects. Users can submit new songs through a simple web interface, and the app stores the song title, artist, and a list of instruments. The frontend is built with HTML, CSS, and JavaScript, while the backend handles all requests in JSON format. TrackLab also includes error handling for invalid inputs and 404 routes, and serves static files through a public folder. This project demonstrates core client server communication and RESTful routing with Express.

I used ChatGPT to help generate some code, and W3Schools for other help on code!

TrackLab: Song Instrument Tracker

Piano Man

Billy Joel

Piano, Harmonica, Bass

Add Song

Billie Jean by Michael Jackson

Instruments: synthesizer, drum machine, bass guitar

Smells Like Teen Spirit by Nirvana

Instruments: electric guitar, drums, bass

Piano Man by Billy Joel

Instruments: Piano, Harmonica, Bass Guitar, Mandolin

