CRUD OPERATIONS

This project is a Music Album Management System built using Node.js, Express, and MongoDB. It allows users to create, retrieve, update, and delete music albums

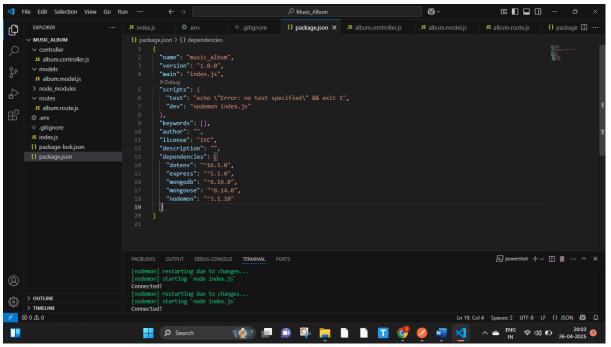
1.index.js file

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                        ∨ MUSIC_ALBUM
                                                                                                                                                             JS album.controller.is

∨ models

                             > node modules
                                                                                                                                                                              dotenv.config();
                              JS album.route.js
                                                                                                                                                                              // Importing of Album Model
const Album = require('./models/album.model');
                             {} package-lock.json
                                                                                                                                                                               // Test API
app.get('/testApi', (req, res) => {
    res.send('Hello World');
});
                                                                                                                                                                                  app.use('/api/albums', albumRoute);
                                                                                                                                                          24 app.listen(3001);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ☑ powershell + ∨ Ⅲ 前 ··· ^ ×
                                                                                                                                                        [nodemon] restarting due to changes...
[nodemon] starting `node index.js`
Connected!
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2.package.json



3.album.model.js

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                                  models > JS album.model.js > ...
1     const mongoose = require('mongoose');
     ∨ MUSIC ALBUM

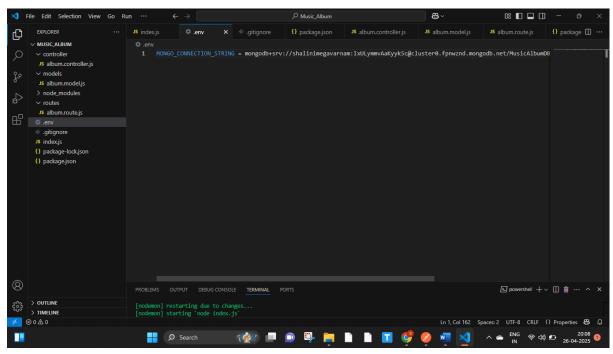
∨ controller

                                         const AlbumSchema = mongoose.Schema(
    ∨ models

Js album.model.js
                                            albumName: {
  type: String,
  required: [true, 'Please enter the album name:']
      > node_modules

> routes
                                            },
artist: {
  type: String,
  required: [true, 'Please enter the artist name:']
      envgitignore
      {} package-lock.json
                                             genre: {
  type: String,
  required: [true, 'Please enter the genre:']
                                              type: Number,
required: [true, 'Please enter the release year:']
                                            },
rating: {
  type: Number,
  required: true,
  default: 0
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4..env



5.album.controller.js

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✓ MUSIC ALBUM

∨ controller

       JS album.controller.js
                                                         // To Create an album or Post an Album
const createAlbum = async (req, res) => {
  try {
    const album = await Album.create(req.body);
    res.status(200).json(album);
  } catch (error) {
    res.status(500).json({ message: error.message });
}
         ∨ models
         JS album.model.js

∨ routes

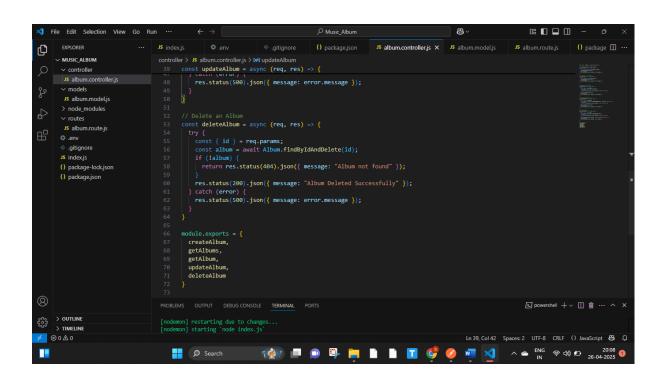
         gitignore
        {} package-lock.json
        {} package.json
                                                         const getAlbums = async (req, res) => {
   try {
      const albums = await Album.find({});
      res.status(200).json(albums);
                                                           | res.status(coo).json(arbums);
} catch (error) {
| res.status(500).json({ message: error.message });
}
                                                         // Retrieve a single Album

const getAlbum = async (req, res) => {

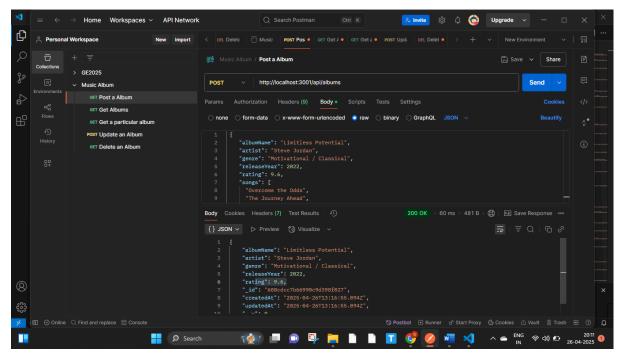
try {

    const { id } = req.params;

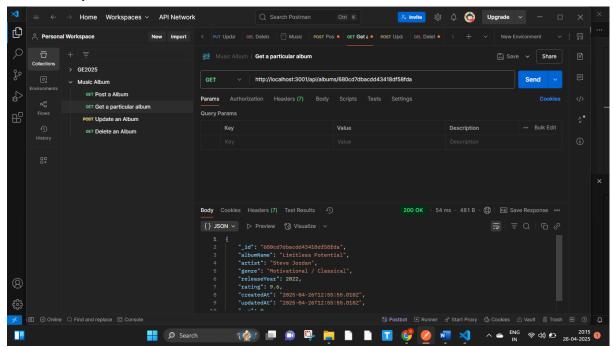
    const album = await Album findBvTd(id):
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```



6.Post a Album



7.Get a particular album



8.Delete a Album

