# ProjectDocumentation

# *RhythmicTunes:YourMelodic Companion*

1**.Introduction**

Project title: RhythmicTunes:Your melodic companion

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2.**Project Overview**

Purpose:

Preserving and Promoting traditional rhythms and music.Creating engaging music for audiences.

Features:

Rhythm Games

Music library

Collaboration platform

Sharing Capabilities

3.**Architecture**

Fronteend: React.js with Bootstrap Material UI

Backend: node.js and Express.js managing server logic and API endpoints

Database: MongoDB stores user data,project information ,applications,and chat messages

4**. Setup Instruction**

Prerequisites:

Node.js and npm

React.js

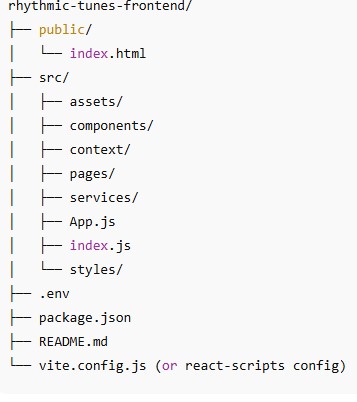
Installation Steps:

#Clone the repository git clone

#Install client dependencies cd client npm install

#Install server dependencies cd../srever npm install

**5. Folder Structure**

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**6.Running Application**

**Fronted:**

Cd client

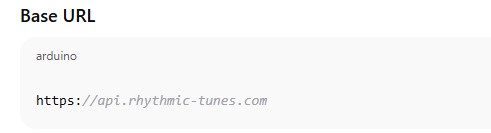
Npm start

**Backend**:

Cd server npm

Start

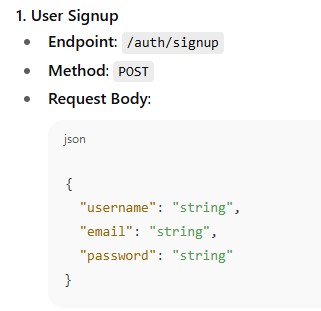
**Access**: Visit https:\\localhost:3000

7**.API Documentation**

**8.Authentication**



9.**User Interface**

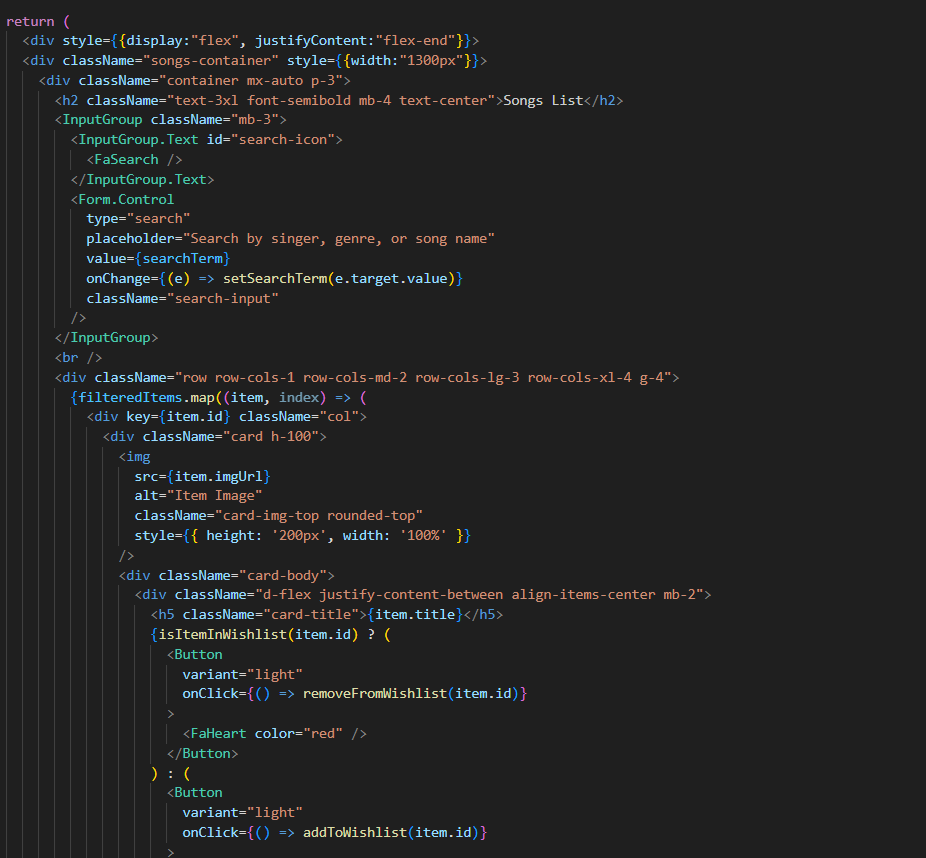
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**10.Testing**

Manual testing during milestones

Tools:postman,chrome Dev tools

11**.Screenshots**

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**12.Future Enhancements**

Add real time collaborative playlist.

Offline playback using service workers.