

PROJECT DOCUMENTATION

PROJECT TITTLE:

RYTHAMIC TUNES,YOUR MUSIC COMPANION

PROJECT ID: NM2025TMID39313

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1.PURPOSE:

- Target Audience
- Music Enthusiasts

2.PROJECT OBJECTIVE:

- User-Friendly Interface:
- Comprehensive Music
- Streaming Modern Tech Stack

3.ARCHITECTURE:

○ FRONTEND:

- React.js and vita

○ BACKEND:

- Node.js and Express.js

4.SETUP INSTRUCTIONS:

○ PRE-REQUISITES:

- Node.js and npm
- React.js
- Node.js
- MongoDB
- Git
- Visual studio Code

○ INSTALLATION STEPS:

- Install React.js
- Create a new React app:
- Navigate to project Directory
- Running the React App
- Start the development server
- Install Dependencies
- Start the Development Server
- Access the App
- Navigate
to <http://localhost:3000>.

5.PROJECT STRUCTURE

> Node modulus

>Public

> s r c

> assests

>Components

App.css

App.jsx

Index.css

Main.jsx

.eslintrc.cjs

.gitignore

Index.html

Package-lock.json

Package.json

README.md

Vite.config.js

6.RUNNING THE APPLICATION:

- FRONTEND:
 - cd client npm start
- BACKEND:
 - cd server npm start

7.AUTHENTICATION

- JWT- Based authentication for secure login
- Middleware protects private routes

8.API DOCUMENTATION

- USER:
 - -/api/user/register
 - -/api/user/login

- PROJECTS:
 - -/api/projects/create

- -/api/projects/:id
- APPLICATIONS:
- -/api/apply

9.USER INTERFACE:

- Landing Page
- Freelancer Dashboard
- Admin Panel
- Project Details Page

10.TESTING:

- Manual testing
- TOOLS:
- Chrome Dev Tools
- Browser Dev Tools

11. SCREENSHOTS :

Music-Player

Home

Your Library

Favorites

PlayList

Songs List

Q

Search by singer, genre, or song name

Bol Do Na Zara

Genre: Romantic

Singer: Armaan Malik

0:00 / 4:52

Add to Playlist

Chaleya

Genre: Romantic

Singer: Arijit Singh

0:00 / 3:08

Add to Playlist

Humnava Mere

Genre: Romantic

Singer: Jubin Nautiyal

0:00 / 5:29

Add to Playlist

Saari Duniya Jalaa Denge

Genre: Emotional

Singer: B Praak

0:00 / 3:02

Add to Playlist

Music-Player

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Singer: Armaan Malik

0:00 / 4:52

Add to Playlist

Singer: Arijit Singh

0:00 / 3:08

Add to Playlist

Singer: Jubin Nautiyal

0:00 / 5:29

Add to Playlist

Singer: B Praak

0:00 / 3:02

Add to Playlist

Sanam Teri Kasam

Genre: Emotional

Singer: Ankit Tiwari

0:00 / 5:14

Add to Playlist

Tum Hi Ho

Genre: Emotional

Singer: Arijit Singh

0:00 / 4:22

Add to Playlist

zih-e-misk

Genre: Emotional

Singer: Shreya Ghoshal

0:00 / 4:03

Add to Playlist

■ PLAYLIST

Music-Player

Home

Your Library

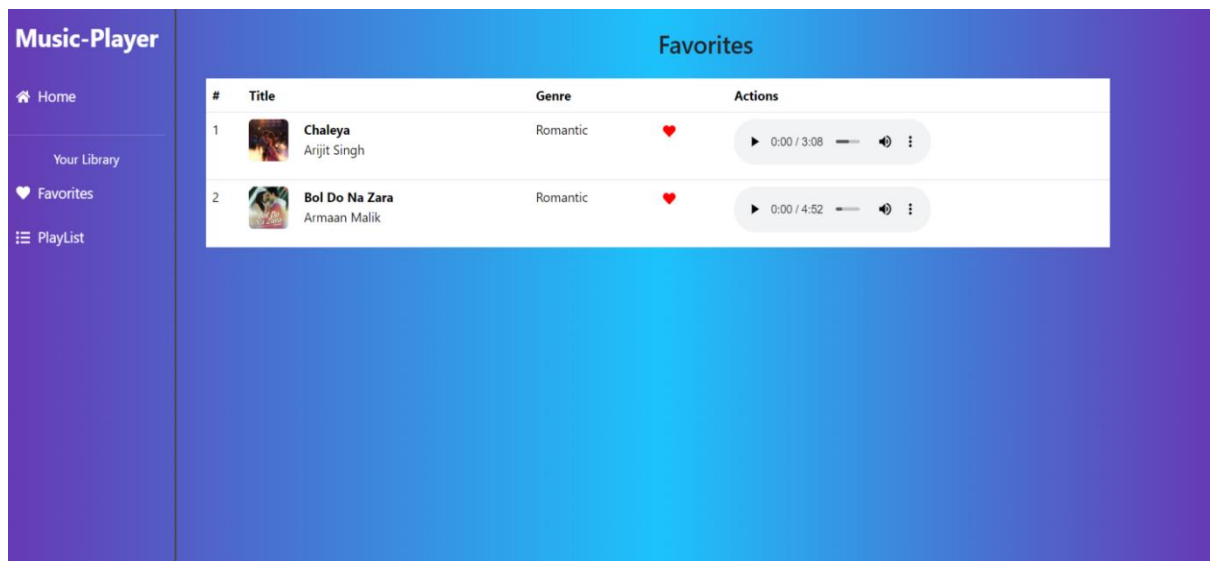
Favorites

PlayList

Playlist

#	Title	Genre	Actions
1	<div> <div>Chaleya</div> <div>Arijit Singh</div> </div>	Romantic	<div>0:00 / 3:08</div> <div>Remove</div>
2	<div> <div>Humnava Mere</div> <div>Jubin Nautiyal</div> </div>	Romantic	<div>0:00 / 5:29</div> <div>Remove</div>
3	<div> <div>Saari Duniya Jalaa Denge</div> <div>B Praak</div> </div>	Emotional	<div>0:00 / 3:02</div> <div>Remove</div>

■ FAVOURITES:



12. KNOWN ISSUES:

- CORS (Cross Origin Resource Sharing)
- Incorrect Data Formatting

13.FUTURE ENHANCEMENT:

- Advanced Audio
- Visualizers Features
- External API Integration