

RhythmicTunes: Your Melodic Companion

Category:

Frontend Development with Database Support by MongoDB

Skills Required:

React.js, MongoDB, Node.js

Introduction:

RhythmicTunes is a React.js based music streaming web application designed to provide an engaging and personalized listening experience. It allows users to play songs, create playlists, mark favorites, and search tracks, all within a responsive and modern interface. MongoDB is used for database support to manage playlists and user data.

Scenario:

Imagine walking through a busy street and needing music to boost your mood. With just a few taps, RhythmicTunes plays songs tailored to your taste — upbeat tracks for energy, or relaxing tunes for calm moments. It adapts to you, your mood, and your journey.

Target Audience:

Music enthusiasts looking for entertainment.

Students and professionals seeking focus playlists.

General users who enjoy a clean, responsive music player.

Key Features:

Play/pause songs with smooth controls.

Favorites and playlist creation.

Quick search by title or artist.

Responsive across devices.

Database support using MongoDB.

Setup Instructions:

1. Install Node.js and npm.
2. Clone the repository: `git clone <repo-link>`.
3. Navigate to the project folder: `cd rhythmic-tunes`.
4. Install dependencies: `npm install`.
5. Run the app: `npm run dev`.

Future Enhancements:

User authentication and profiles.

Lyrics support.

Offline playback.

Dark mode option.

Team Members:

Leader – CHANDRA SEKAR.G

Members – M.CHANDRU, DILIP KUMAR.C

Demo Video:

Google Drive Link –

https://drive.google.com/file/d/1AmpGVHUFxvR2b2VVJccsfvrxLJcJg0t/view?usp=drive_link