

"RHYTHMIC TUNES: YOUR MELODIC COMPANION

Step 1: Project Title & Introduction

Title: Rhythmic Tunes: Your Melodic Companion

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Introduction:

This project is a music application that acts as a personalized companion. It recommends music and playlists based on the user's mood, preference, and listening history.

Step 2: Objectives

- Provide personalized music recommendations.
 - Create mood-based playlists (study, workout, relaxation).
 - 3 Allow users to create, save, and share playlists.
 - Provide an easy-to-use, interactive interface.
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Step 3: Features

Core Features:

- Mood-Based Playlist Suggestions
- AI-Based Personalized Recommendations
- Playlist Creation, Saving, and Sharing
- Simple, User-Friendly Interface
- Multi-Platform Support (Mobile & Web)

Step 4: Technology Stack

Frontend: React Native / Flutter (cross-platform)

Backend: Node.js with Express

Database: MongoDB / Firebase

APIs: Integration with Spotify / YouTube for music streaming

Step 5: User Flow / How It Works

- User Registration/Login – User creates an account or logs in.
- Mood Selection – User selects their current mood.
- Music Recommendation – App suggests playlists based on mood and listening history.
- Playlist Interaction – User can play, save, and share songs or playlists.
- Feedback Loop – The app learns user preferences to improve future suggestions.

Step 6: Target Audience

- Students and working professionals
 - Music enthusiasts
 - Casual listeners looking for mood-based music
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Step 7: Expected Outcomes

- A functional, interactive music app.
- Personalized user experience for better engagement.
- Easy platform for discovering, saving, and sharing music.

Step 8: Conclusion

“Rhythmic Tunes: Your Melodic Companion” combines modern technology with music to provide a simple, interactive, and personalized listening experience. It demonstrates practical use of web and mobile technologies to create a companion for music lovers.