"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.

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

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.