MoodTunes: Your Mood-based Music Companion

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Discover the perfect song for every emotion, enhancing your listening experience and helping you connect with your feelings through tailored music selections.

Introducing MoodTunes: Your Mood-Based Music App

Discover songs that match your emotions effortlessly

- **Mood-Based Music Recommendations**

  MoodTunes suggests songs tailored to the user's current mood for a personalized experience.

- **Spotify API Integration**

  Instant access to song suggestions through seamless integration with the Spotify API.

- **Firebase Authentication**

  Utilizes Firebase for secure user authentication and data management.

- **Cross-Platform Development**

  Built with Flutter, ensuring a smooth user interface across various platforms.

Comprehensive User Interface Overview

Explore the key features of our mobile app's UI

Music Screen Options

Displays personalized music recommendations tailored to the user's selected mood.

Navigation Ease

Smooth transitions between screens ensure a user-friendly experience, making navigation intuitive.

Home Screen Features

The home screen allows users to select their mood effortlessly, enhancing user engagement.

Search Functionality

Users can explore an extensive library of songs, providing a seamless searching experience.

Essential Features & Functionalities

Discover the standout functionalities of the app

- **Mood Selection**

  Users can select their current mood, such as Happy, Sad, Energetic, or Calm, to personalize their experience.

- **Spotify Integration**

  Automatically fetches songs that match the selected mood by integrating directly with Spotify.

- **Firebase Authentication**

  Ensures secure login and protects user data through reliable Firebase authentication.

- **User-Friendly Interface**

  Designed for smooth navigation with engaging visuals to enhance overall user experience.

Comprehensive Technology Stack Overview

Exploring the essential technologies utilized in the application

- **Flutter for Cross-Platform UI**

  Utilizes Flutter to create a seamless user interface across multiple platforms.

- **Firebase for Backend Services**

  Employs Firebase for robust user authentication and efficient data management.

- **Integration with Spotify API**

  Leverages the Spotify API to fetch personalized music recommendations.

- **Dart Programming Language**

  Developed using Dart, ensuring smooth performance and high productivity.

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Understanding User Interaction Flow

Step-by-step interaction in the music app

1	2	3	4

User Login via Firebase

The user initiates the process by logging into the application using Firebase Authentication for secure access.

Select Mood

After logging in, the user is presented with various mood options to choose from, enhancing personalization.

Fetch Songs with Spotify API

The app retrieves relevant songs through the Spotify API based on the user's selected mood for a tailored experience.

User Interactions

The user can play, skip, or explore more songs, allowing for an engaging and interactive music experience.

Exploring Project Screenshots & Demo

Detailed Overview of App Features and Screens

Login Page Screenshot

Displays the initial interface for user login. Users can enter their credentials to access the app.

Mood Selection Screen

Users choose their mood from various options. This influences the music playlist generated.

Music Player Interface

The main area for music playback. Users can play, pause, and skip tracks easily.
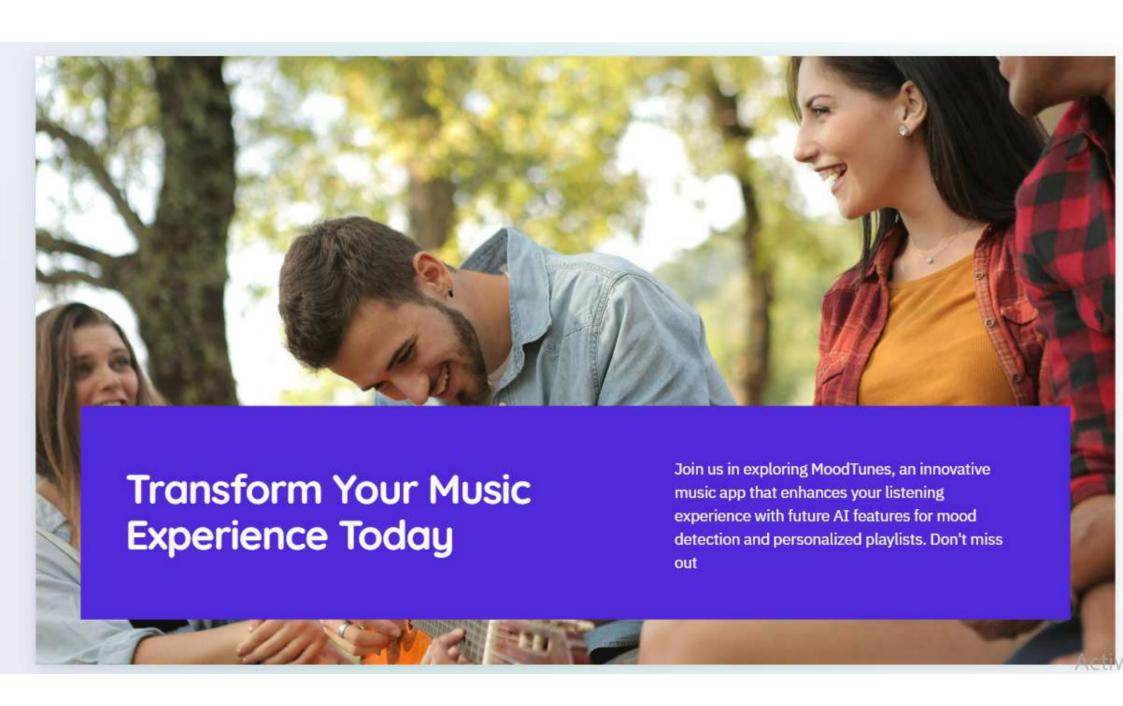
Settings and Preferences

Allows users to customize their app experience, including notifications and theme settings.

User Interaction Features

Explains how users interact with each screen, enhancing usability and satisfaction.

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Transform Your Music Experience Today

Join us in exploring MoodTunes, an innovative music app that enhances your listening experience with future AI features for mood detection and personalized playlists. Don't miss out

Impact and Benefits of Music App

Discover how our app transforms your music experience

- **Time-Saving Automation**

  The app automates song suggestions, significantly reducing time spent on music selection.

- **Enhanced Emotional Well-Being**

  Offers mood-based music selection, promoting better emotional health through tailored playlists.

- **Personalized Music Experience**

  Facilitates easy navigation for users to create a customized music experience that suits their tastes.