User Guide: MoodTunes App

Welcome to MoodTunes! This user guide will provide you with the necessary information to navigate and utilize the features of the MoodTunes app, a speech emotion recognition-based music recommendation system. Let's get started!

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## Introduction:

MoodTunes is an innovative app designed to enhance your music listening experience by recommending playlists based on your current emotions. Using speech emotion recognition technology, MoodTunes analyses your voice to identify emotions and generates personalized music suggestions. Whether you're feeling happy, sad, calm, or excited, MoodTunes has the perfect playlist for every mood.

# Getting Started:

* 1. Installation: To begin using MoodTunes, follow these steps:
* Visit the app store on your device (e.g., Google Play Store, Apple App Store).
* Search for "MoodTunes" in the app store search bar.
* Tap on the MoodTunes app icon and select "Install" to download and install the app on your device.
* Once the installation is complete, you can find the MoodTunes app on your device's home screen.

2.2 Account Creation:

* Open the MoodTunes app on your device.
* If you are a new user, tap on the "Create Account" button to register.
* Provide the required information, such as your name, email address, and password.
* Follow the on-screen prompts to complete the account creation process.
* If you already have an account, tap on the "Log In" button and enter your credentials to access your account.

1. Home Screen: Upon launching the MoodTunes app, you will be directed to the home screen. The home screen serves as a hub for accessing various features of the app.

3.1 Search Bar: At the top of the home screen, you will find a search bar. Use this search bar to find specific songs, artists, or albums within the MoodTunes music library. Simply enter your search query and tap the "Search" button to view the results.

3.2 Microphone Icon: Next to the search bar, you will see a microphone icon. Tapping on this icon will take you to the Emotion Recognition screen, where you can use your voice to analyze your current emotions and receive personalized music recommendations. Speak clearly into the microphone and follow the on-screen instructions to proceed.

1. Emotion Recognition:

The Emotion Recognition feature of MoodTunes utilizes speech analysis to identify your current emotions. Follow these steps to use this feature:

* Tap on the microphone icon on the home screen.
* Speak naturally into the device's microphone, expressing your current emotions or thoughts.
* MoodTunes will analyze your voice and identify the dominant emotion.
* Based on the identified emotion, MoodTunes will generate a personalized playlist for you to enjoy.

1. Library:

The library section of the app stores your previously created playlists and allows you to manage them.

5.1 Playlist Management:

* Access the Library section from the home screen.
* Here, you will find all your saved playlists.
* Tap on a playlist to view its contents.
* From the playlist view, you can play the entire playlist, add or remove songs, or rearrange the song order according to your preferences.

1. Settings: The Settings section allows you to customize various aspects of the MoodTunes app.

6.1 Account Settings:

* In the Settings menu, you can manage your account details, such as name, email address, and password.
* Update your account information as needed and tap "Save" to apply the changes.

6.2 App Preferences:

* In the Settings menu, you can configure app preferences, including notification settings, playback options, and theme customization.
* Customize these preferences according to your preferences to enhance your MoodTunes experience.

## Troubleshooting

If you encounter any issues while using MoodTunes, try the following troubleshooting steps:

* Ensure that you have a stable internet connection.
* Check for app updates in the app store and install any available updates.
* Restart your device and relaunch the MoodTunes app.
* If the problem persists, contact MoodTunes support for further assistance.

## Frequently Asked Questions:

Q: Can I create multiple playlists in MoodTunes? A: Yes, you can create multiple playlists based on your different moods or preferences.

Q: How does MoodTunes recommend music based on emotions? A: MoodTunes utilizes speech emotion recognition technology to analyse your voice and identify the dominant emotion. It then suggests playlists that align with the identified emotion.

Q: Can I connect MoodTunes to my existing music streaming accounts? A: Currently, MoodTunes operates as a standalone music app and does not integrate with other streaming platforms. All the recommended music is available within the MoodTunes library.

## Conclusion:

Congratulations! You have completed the MoodTunes user guide. We hope this guide has provided you with a comprehensive understanding of the app's features and functionality. Enjoy exploring your emotions through music with MoodTunes! If you have any further questions or require assistance, please refer to the app's support resources or contact our customer support team.