emo tagger

Music PLATFORM

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INTRODUCTION

🎯 ***Problem Statement:***
Music platforms lack effective tools to understand the emotional impact of songs on listeners.

🗂️ ***Background / Related Work:***
Existing systems focus on audio features or user preferences but rarely involve emotional tagging by users or communities.

💡 ***Solution Statement:***
Emo Tagger is a community-driven platform where users label songs with emotions. AI also offers additional automated analysis to enrich the emotional dataset.

🚀 ***Contribution:***
Emo Tagger creates a hybrid emotion-tagging system combining human insight and AI analysis, supporting research in music psychology, recommendation systems, and emotional computing.

LISTEN AND TAG !

ABSTRACT

Emo Tagger is a community-based platform designed to explore the emotional impact of music. While traditional music platforms focus on audio similarity or genre, Emo Tagger allows users to tag songs based on their emotional experience. Additionally, AI modules analyze audio content and offer automated emotion tagging as a complementary feature. By combining crowd-labeled data with AI insights, Emo Tagger generates a rich emotional dataset. This system supports research in music psychology, emotion-aware recommendations, and human-centered AI applications.

SOLUTION

Emo Tagger offers a hybrid approach to emotional music tagging by combining user-generated input with AI-powered analysis. Users listen to music and assign emotional labels based on their personal experiences. In parallel, artificial intelligence modules analyze the audio content and generate additional emotional tags. This dual system allows for richer emotional data collection, improves accuracy, and supports deeper insights into how music affects listeners. The web-based platform also includes gamification elements to encourage user participation and community engagement.The system was developed using ASP.NET MVC,PostgreSQL,HTML,CSS,JavaScript and integrates AI modules for audio-based emotion prediction.

RESULTS

📌 Hundreds of tagged songs by users across diverse emotional categories.
🤝 Strong community interaction through shared emotional experiences.
🧠 AI-generated tags align with user inputs in many cases, enhancing trust.
🎯 System supports emotional trend analysis and personalized recommendations.

OUR TEAM