Implementation and Analysis of Mood-based Music Recommendation System

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Abstract—**This paper presents probability based music mood model and implementation of music recommendation system using the mood model. We implement three types of mood-based music recommendation players, for PC and mobile devices, and web. We make users' satisfaction test through web-based music recommendation service for three months. This paper shows analysis result of users' satisfaction and mood reappearance test after listening to music, two months apart.**

Keyword—**music mood, music recommendation, arousal-valence, mood model**

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