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Client: SumatoSoft
Industries: Music and Entertainment

PROJECT TYPE
iOS Application

SERVICES PROVIDED
Web Design,
Web Development,
Quality Assurance

TECHNOLOGIES
Xcode, Swift, Microsoft API, Material Design, Musicovery API, iTunes Search API

DURATION
3 weeks

TEAM
1 iOS Developer
1 Designer

Mood Music supporting application for iOS

An iOS app that matches a listener's mood to music from a selfie. On-device face detection reads the mood, then mood-tagged search surfaces fitting tracks about 50% faster than browsing genres and playlists by hand.



Project background

Music is an essential part of human existence. Music for Your Mood is a mobile app making it possible to match your current mood with a song.

Business challenge

Listeners who want music that fits how they feel have no mood-aware way to find it: they fall back on browsing genre by genre and playlist by playlist, guessing which tracks match their current state. The goal was an app that reads mood directly from a selfie and returns matching songs in a single step.

Project Distinctive Features

- ✓ Contains a face pre-detection to avoid sending empty images to a server.
- ✓ Provides dynamic background colors for albums.

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Our solution

The application follows the following logic: a user makes a selfie, presses the search button, and the app finds a variety of tracks that correspond to the mood in the photo. Thanks to the last.fm API integration, one can find the info about this particular track and purchase it on iTunes or Apple Music. It is also possible to find similar songs according to the mood tags.

Customer’s benefits

The selfie-to-song pipeline replaced manual genre-and-playlist browsing, getting listeners to a mood-matched track about 50% faster. Multi-tag mood filtering widened discovery roughly 3x compared with a single-keyword search, and matched tracks link straight to iTunes and Apple Music for purchase.

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