

1) Project description

Our project converts playlists between Apple Music and Spotify. We will use both Apple Music's and Spotify's APIs in order to fetch playlists from one service and recreate them on the other.

2) Product requirements

Goal: Seamlessly convert playlists between Apple Music and Spotify, and that it is done accurately.

Non-goal: To not provide music streaming services directly or store users' personal music files

Non-functional requirements:

1. User friendly
 - a. Functional requirement: Ensure it is secure. We will be using OAuth for Spotify and MusicKit for Apple Music as authentication.
 - b. Functional requirement: Users should be able to convert playlists with a few clicks.
2. Accurate
 - a. Functional requirement: For songs that cannot be matched, provide users with this information
 - b. Functional requirement: We aim for a high accuracy when converting playlists.

3) Project management

Theme: Allow the user to seamless transfer playlists from Apple Music and Spotify automatically.

Epic: Working App

User Story 1: As a new user I want to be able to easily connect my two accounts to create a playlist on both apps easier.

Task: Successfully connect both Apple Music and Spotify API's to be able to speak with each other to create the playlists.

Ticket 1: Implement OAuth login for both Spotify and Apple Music

Ticket 2: Have a way for the API's to speak with each other

User Story 2: As a repeat user I want to be able to modify both playlists at the same time

Task: Let a change in one of the playlists be reflected in the other playlist by either automatically doing it, or with a refresh button of some sort

Ticket 1: Be able to track each playlist and the songs in it after the initial creation

Ticket 2: Let the user have the option whether they want to update the playlist or not