**Music listing and rating app**

This use case document outlines the main functionalities and interactions of the Music Listing and Rating Application for both admins and users.  
It provides a clear understanding of the different use cases and their preconditions, main flows, and postconditions.

Use Case: Admin Management   
Actors: Admin   
Description: This use case allows the admin to manage audio tracks in the application.

* 1. **Add Audio**

Description: The admin can add a new audio track to the application's listing.

Preconditions: Admin is logged in to the application.

Main Flow:   
The admin selects the option to add a new audio track.   
The admin provides the necessary details of the audio track (e.g., title, artist, genre).   
The system validates the information and adds the audio track to the listing.

Postconditions: The new audio track is successfully added to the application's listing.

**1.2 Edit Audio**  
  
Description: The admin can edit the details of an existing audio track.

Preconditions: Admin is logged in to the application and there is at least one audio track available.  
  
Main Flow:  
The admin selects the audio track to be edited.   
The admin modifies the details of the audio track.   
The system updates the information of the audio track in the listing.

Postconditions: The changes to the audio track details are successfully saved.

**1.3 Delete Audio**  
  
Description: The admin can delete an audio track from the application's listing.

Preconditions: Admin is logged in to the application and there is at least one audio track available.

Main Flow:

The admin selects the audio track to be deleted.   
The admin confirms the deletion.   
The system removes the audio track from the listing.

Postconditions: The selected audio track is successfully deleted from the application's listing.

**1.4 View Audio Details**

Description: The admin can view the detailed information of an audio track.

Preconditions: Admin is logged in to the application and there is at least one audio track available.

Main Flow:  
The admin selects the audio track to view its details.   
The system displays the detailed information of the audio track.  
  
Postconditions: The admin successfully views the detailed information of the selected audio track.

**2. Use Case: User Management**

Actors: User

Description: This use case allows users to interact with the application and explore audio tracks.

**2.1 View Audio Details**  
  
Description: Users can view the detailed information of an audio track.

Preconditions: User is logged in to the application and there is at least one audio track available.

Main Flow:  
The user selects the audio track to view its details.   
The system displays the detailed information of the audio track.

Postconditions: The user successfully views the detailed information of the selected audio track.

**2.2 Search Audio**

Description: Users can search for audio tracks based on specified criteria.  
Preconditions: User is logged in to the application and there is at least one audio track available.  
Main Flow:  
  
The user enters the search criteria (e.g., title, artist, genre) to search for audio tracks.   
The system retrieves and displays the audio tracks matching the search criteria.

Postconditions: The user successfully views the search results for the specified criteria.

**2.3 View Rating**

Description: Users can view the ratings and reviews of audio tracks provided by other users.

Preconditions: User is logged in to the application and there is at least one audio track available with ratings.

Main Flow:

The user selects the audio track to view its ratings and reviews.   
The system displays the ratings and reviews of the audio track.

Postconditions: The user successfully views the ratings and reviews of the selected audio track.

**2.4 Add Rating**  
  
Description: Users can rate and provide reviews for audio tracks

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Preconditions: User is logged in to the application and there is at least one audio track available.

Main Flow:

The user selects the audio track to rate and review.   
The user provides the rating and optional review comments.   
The system saves the rating and review for the audio track.

Postconditions: The user successfully adds the rating and review for the selected audio track.