
Group02

Beatify
Use-Case Specification: Add Playlist

Version 1.0

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| Beatify | Version: 1.0 |
| Use-Case Specification: Add Playlist | Date: 13/11/2024 |
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Revision History

| Date | Version | Description | Author |
|------------|---------|--|----------------|
| 12/11/2024 | 1.0 | Initial version. Created use-case specifications for Add Playlist including necessary fields, basic and alternative flows, and specific preconditions and postconditions | Nguyễn Duy Bảo |
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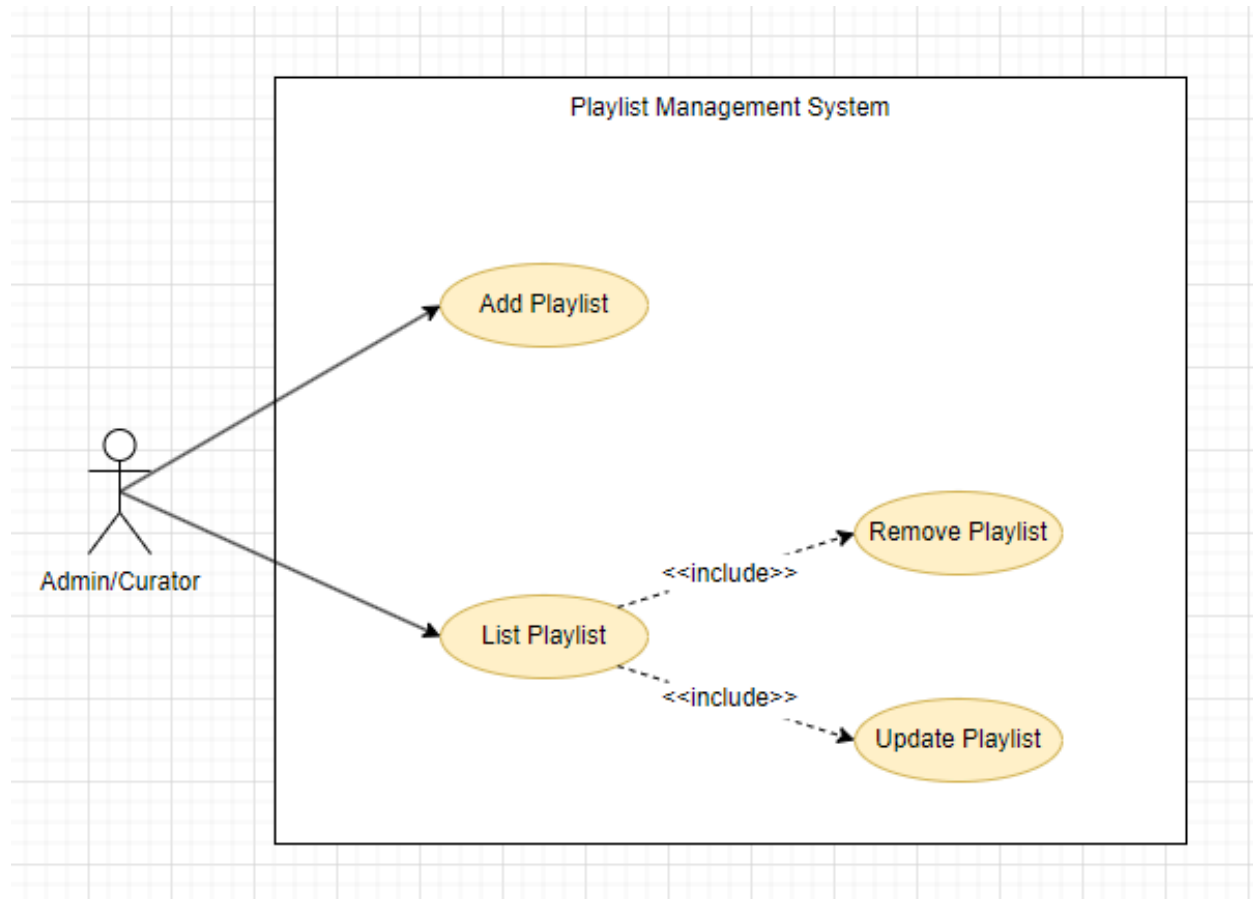
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Use-Case Specification: Add Playlist

1. Use-Case Name : Add Playlist



1.1 Brief Description

This use case allows an admin or curator to add a new playlist to the system. The user provides the playlist's information, including name, description, background color, and cover image.

2. Flow of Events

2.1 Basic Flow

1. The admin/curator initiates the "Add Playlist" action.
2. The system prompts the user to enter Playlist details.
3. The admin/curator inputs the playlist's name, description, and background color and selects a cover image file to upload.
4. The admin/curator clicks on the "Add" button to save the Playlist.
5. The system saves the new playlist record in the database.
6. The system confirms that the playlist has been added.

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2.2 Alternative Flows

2.2.1 Database Save Failure

- If the system encounters an issue saving the playlist's data to the database, the system captures the error and returns an error message to the user, indicating that the playlist was not added successfully.

3. Special Requirements

- The request should be validated to ensure the user is authorized (admin or curator) to add a playlist
- All image uploads must be optimized to reduce file size without compromising quality to ensure performance
- The system should validate the playlist data for completeness and format

4. Preconditions

- The admin/curator is authenticated and authorized to add a playlist
- The required playlist data (name, description, background color, and cover image) is available

5. Postconditions

- A new playlist is added to the List Playlist
- The playlist is properly stored in the database with all its attributes
- In case of a failure, appropriate error logs and messages are generated for troubleshooting

6. Extension Points

None.