

SQL Project

Members :

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Project Description :

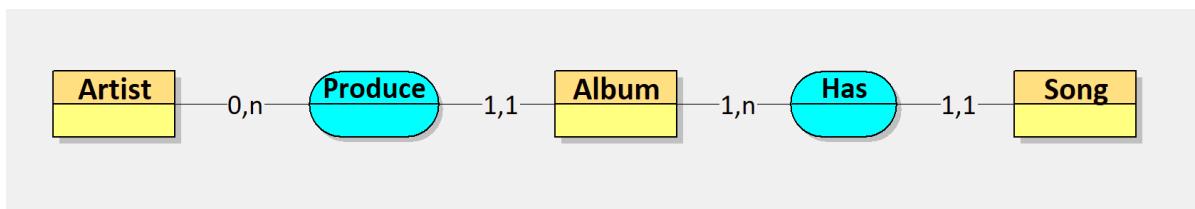
The Music Information System is a web-based application designed to provide detailed information about musical artists and their works. It allows users to search for artists, explore their albums and songs, and view metadata such as nationality, language, number of listens, and relationships between artists and productions.

Different Diagrams:

Table Structure Diagram :

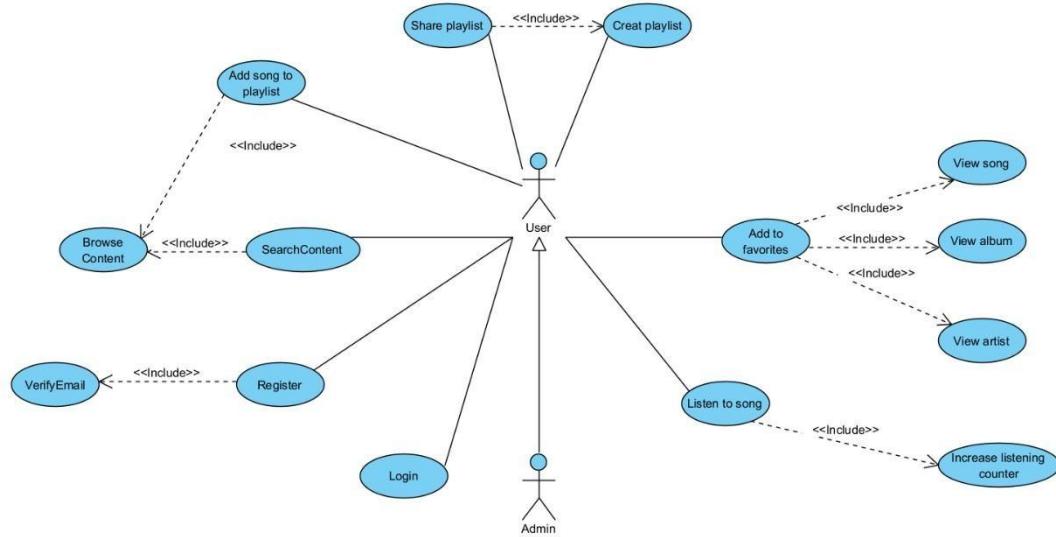
Artist		Album		Song	
PK	ID_Artist	PK	ID_Album	PK	ID_Song
	bigint		bigint		bigint
Name	varchar	Album_Title	varchar	Song_Title	varchar
Style	varchar	Album_Release_Date	date	Song_Release_Date	date
Country	varchar	Album_Type	varchar	Duration	time
Start_Date	date	Record_Company	varchar	Language	varchar
Gender	varchar	Collaborations	varchar	Nb_Listening	bigint
		ID_Artist	bigint	ID_Album	bigint

ER Diagram :

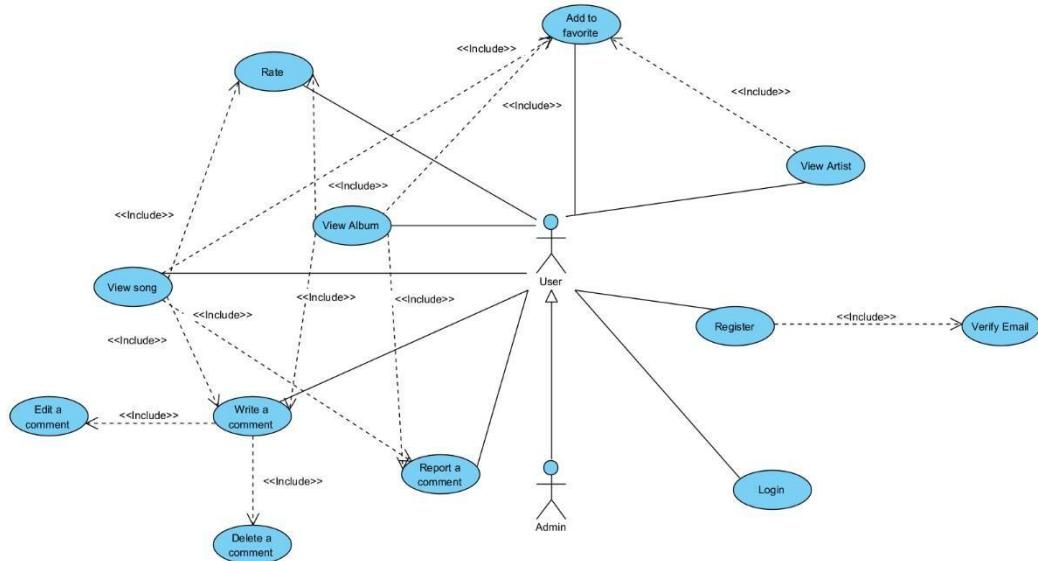


Use Case Diagrams :

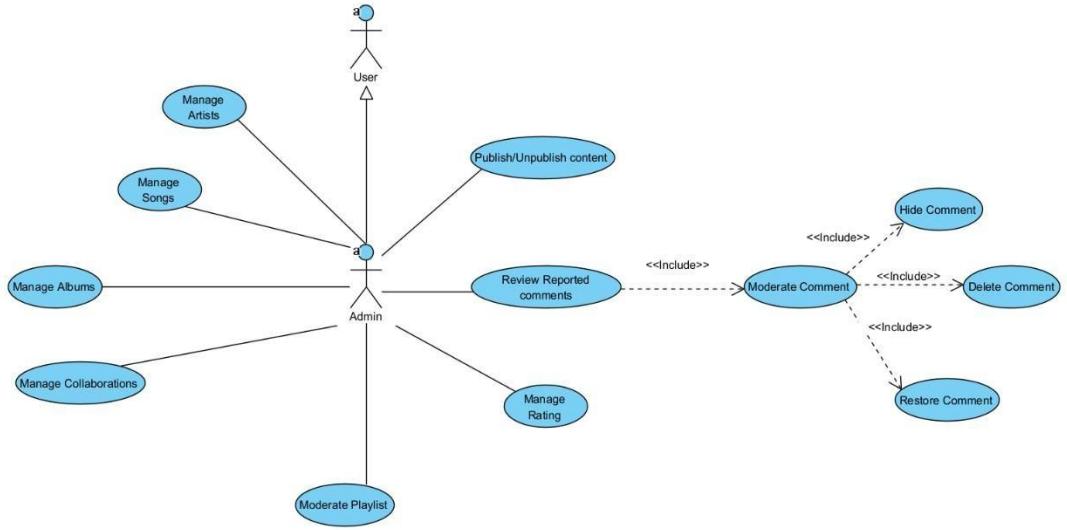
1) by Peio Castets



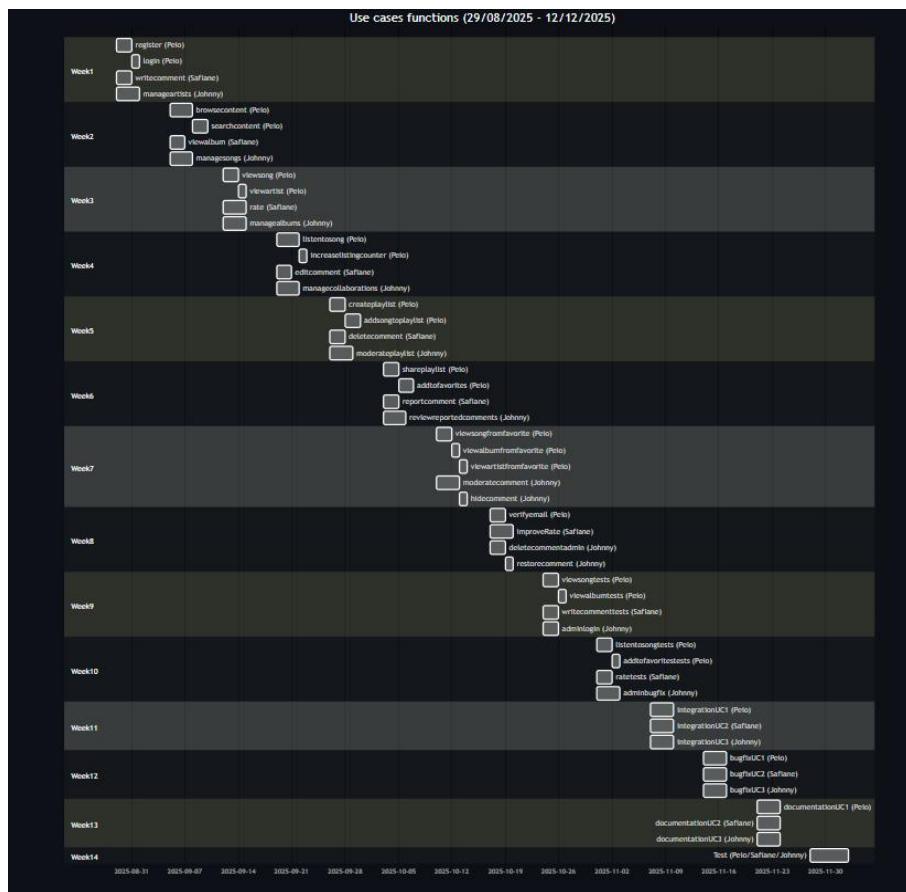
2) by Safiane Ras El Qdim



3) by Johnny Jin

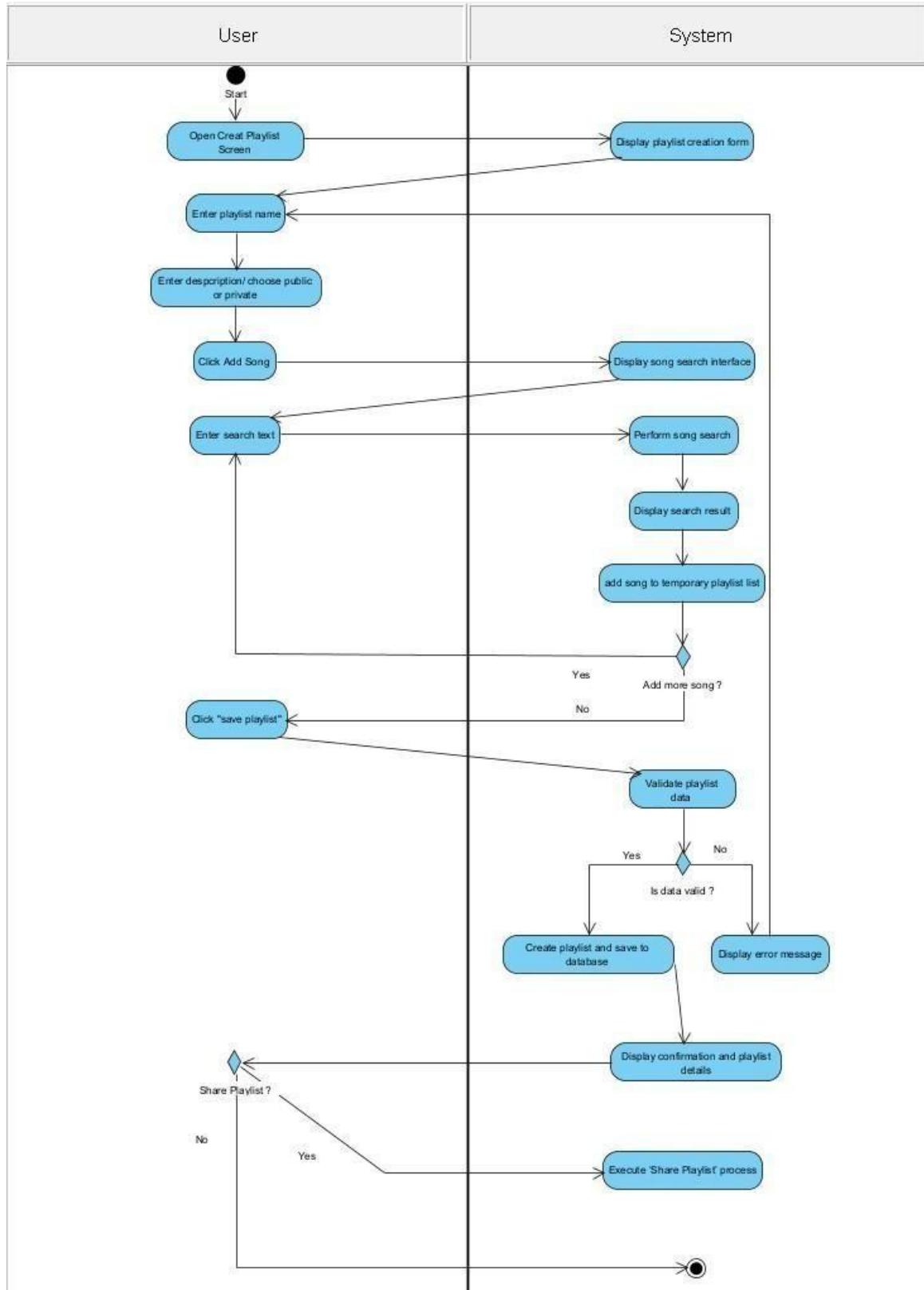


Gantt Diagram :

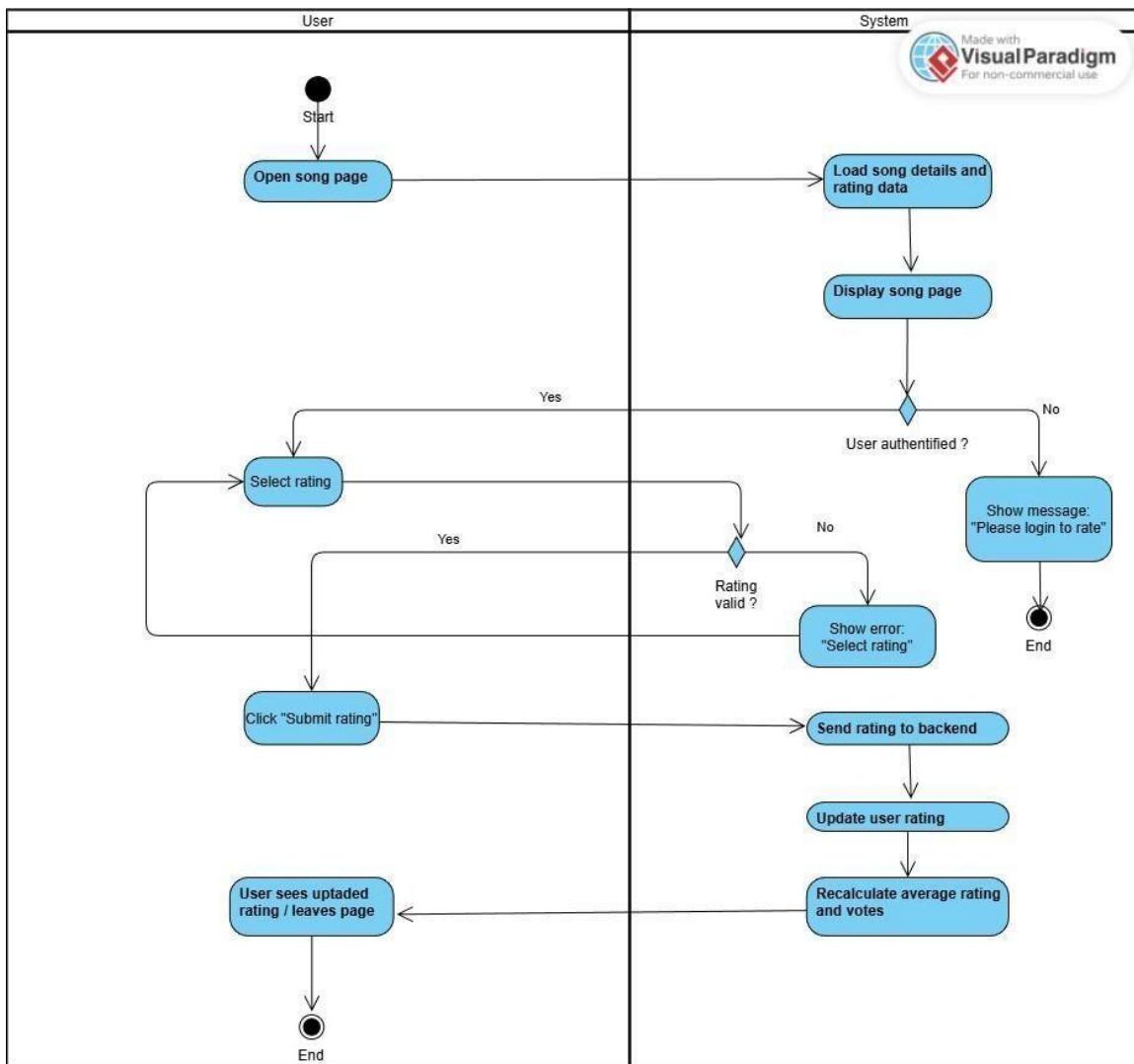


Activity Diagrams :

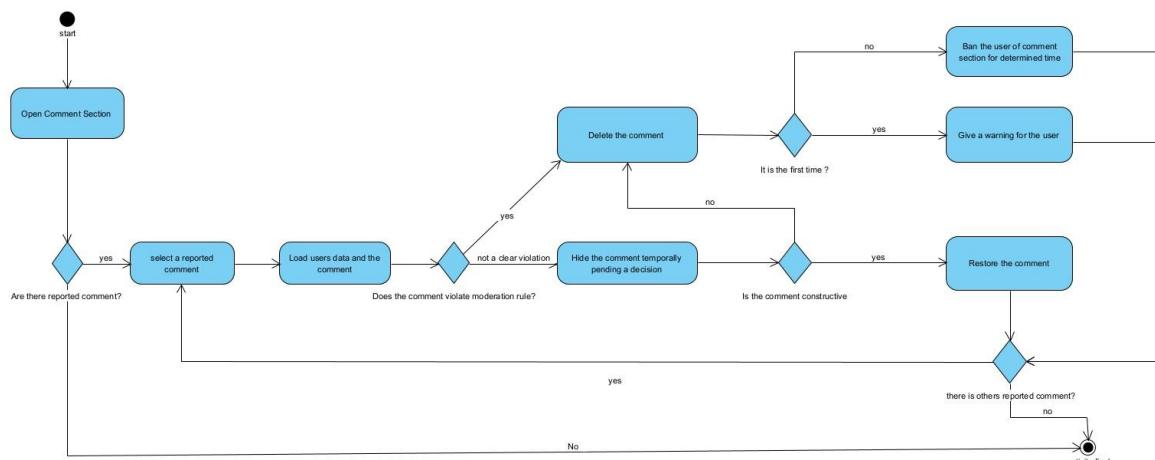
1) by Peio Castets



2) by Safiane Ras El Qdim



3) by Johnny Jin



Wireframe Diagram :

1) by Peio Castets

The wireframe shows a 'Create New Playlist' screen. At the top, there's a header bar with the app name 'My MusicApp' and navigation links for Home, Albums, Artists, and Songs. Below the header, the main title 'Create New Playlist' is displayed. A 'Playlist name' input field is followed by a 'Search songs' input field with a magnifying glass icon. A 'Description (optional)' input field is present. There are two radio buttons for 'Public' and 'Private'. A section titled 'Songs in this playlist' contains a message: 'No songs added yet, Use the search panel on right to find and add songs.' On the right side, there's a list of three songs: 'Song trae 1' (Artist name: 'Song trae'), 'Song trae 2' (Artist name: 'Song trae'), and 'Song trae 3' (Artist name: 'Song trae'). Each song entry has an 'Add' button next to it. At the bottom, there are 'Cancel' and 'Save Playlist' buttons.

2) by Safiane Ras El Qdim

The wireframe shows a 'Rate this song' screen. At the top, there's a header bar with the app name 'My MusicApp' and navigation links for Home, Albums, Artists, and Songs. Below the header, the title 'SICKO MODE' is displayed, along with the artist 'Travis Scott' and the album 'Astroworld'. The release date is listed as 'Release date 2018-08-03', duration as 'Duration 05:13', language as 'Language English', and the number of listenings as 'Number of listenings 3000 000'. A 'Play Preview' button is located at the bottom left. On the right, there's a rating section titled 'Rate this song' with a note that 'Current average rating: 4.3 / 5 (123)'. It features a row of five stars, some of which are filled. Below the stars is a 'Submit rating' button. A message 'Please login to rate this song' is displayed, along with a 'Login' button. At the bottom, there are 'Cancel' and 'Save Playlist' buttons.

3) by Johnny Jin

Comment Moderation Panel

Search

Comment #12345

User: JohnDoe Posted: 2025-01-13
Status: Visible

This song is horrible, you should delete it.

[Hide Comment](#) [Delete Comment](#) [Restore](#)

Comment #12346

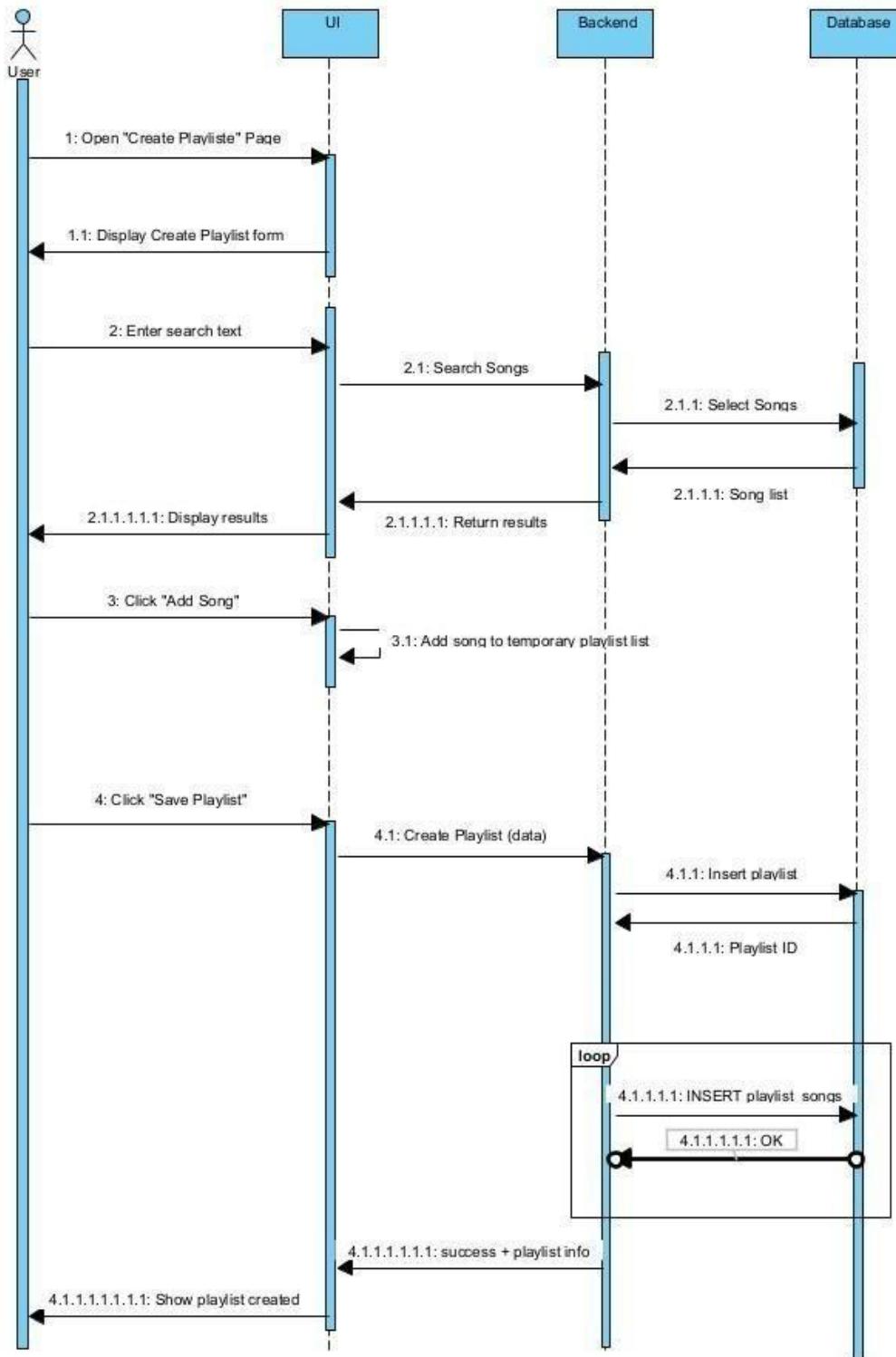
User: MusicFan88 Posted: 2025-01-12
Status: Hidden

Spam link: www.fake-spam.com

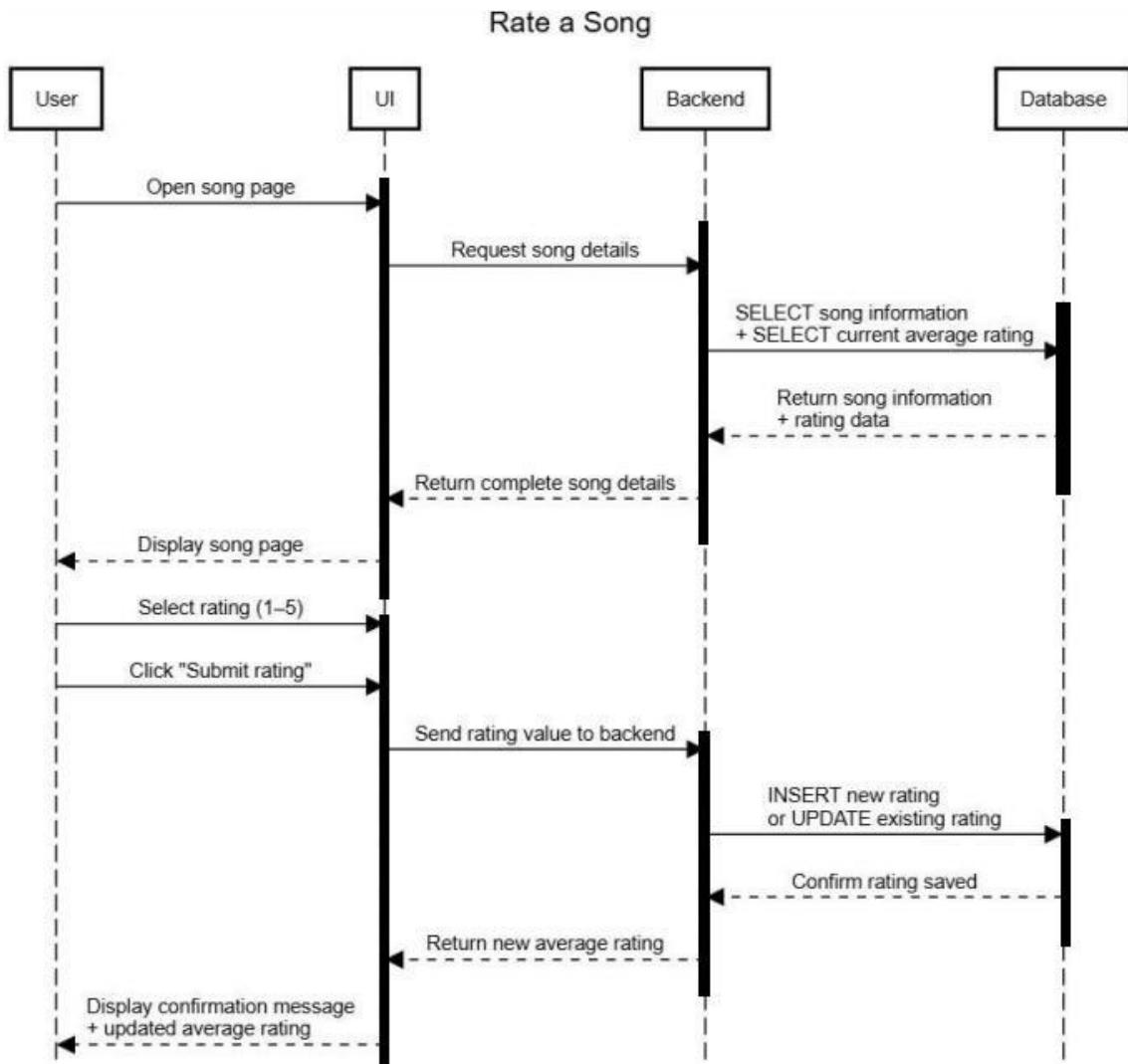
[Restore Comment](#) [Delete Permanently](#)

Sequence Diagrams :

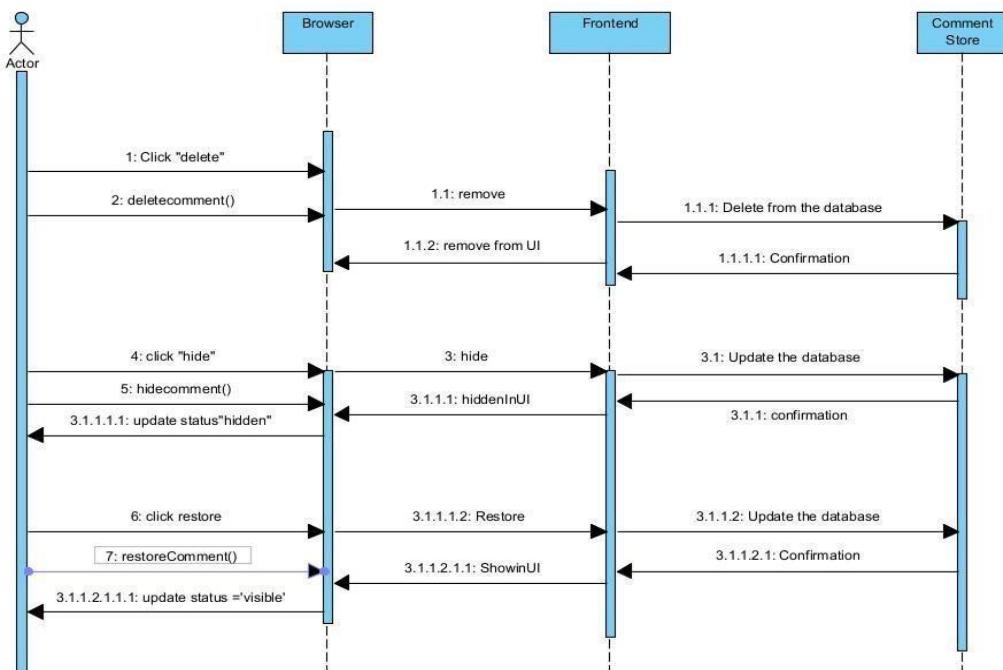
1) by Peio Castets



2) by Safiane Ras El Qdim

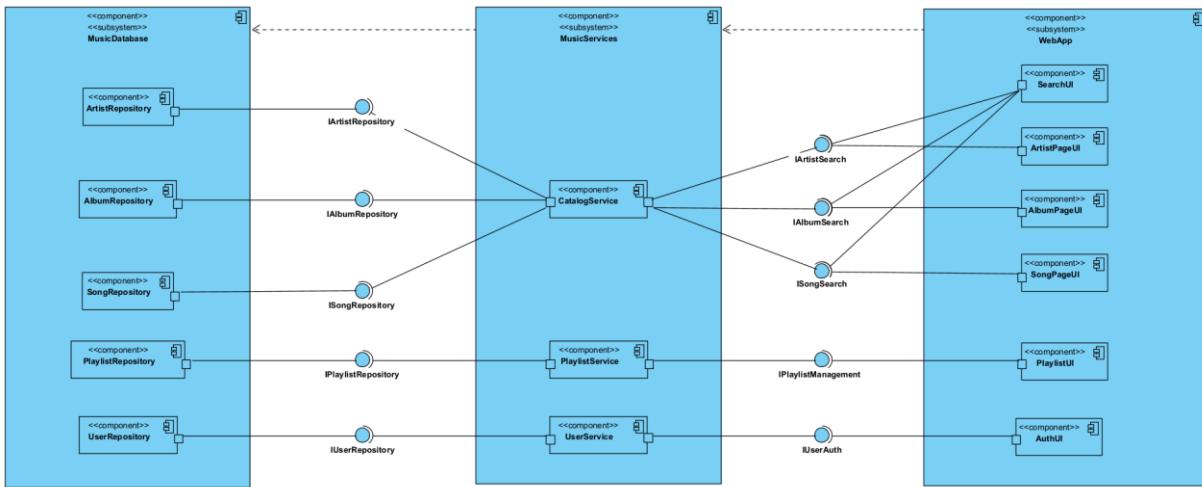


3) by Johnny Jin

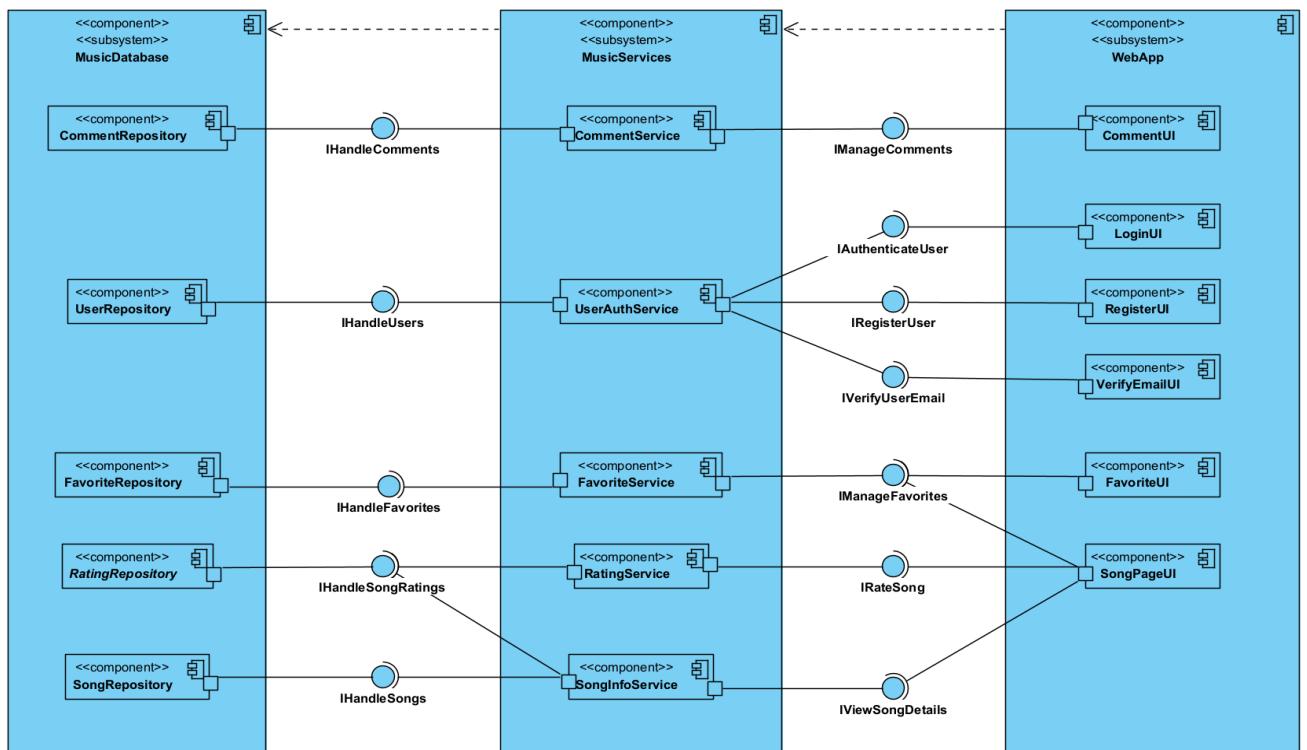


Component Diagram :

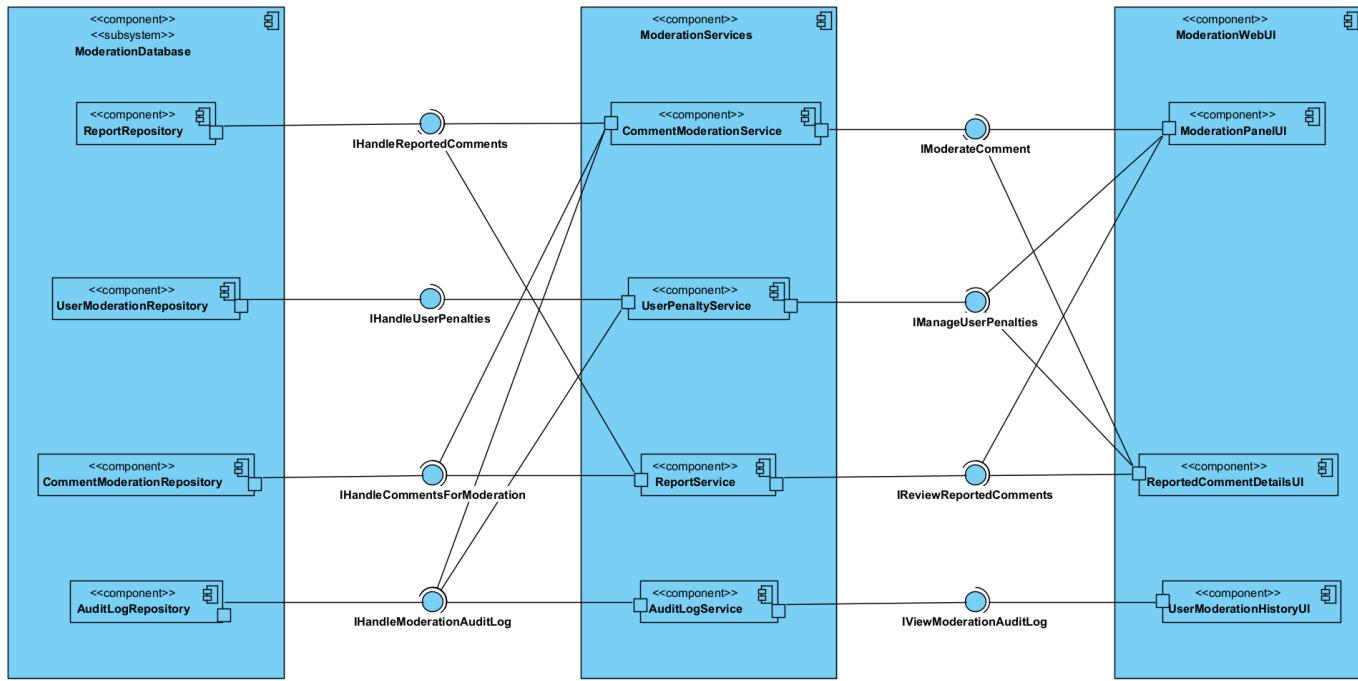
1) by Peio Castets



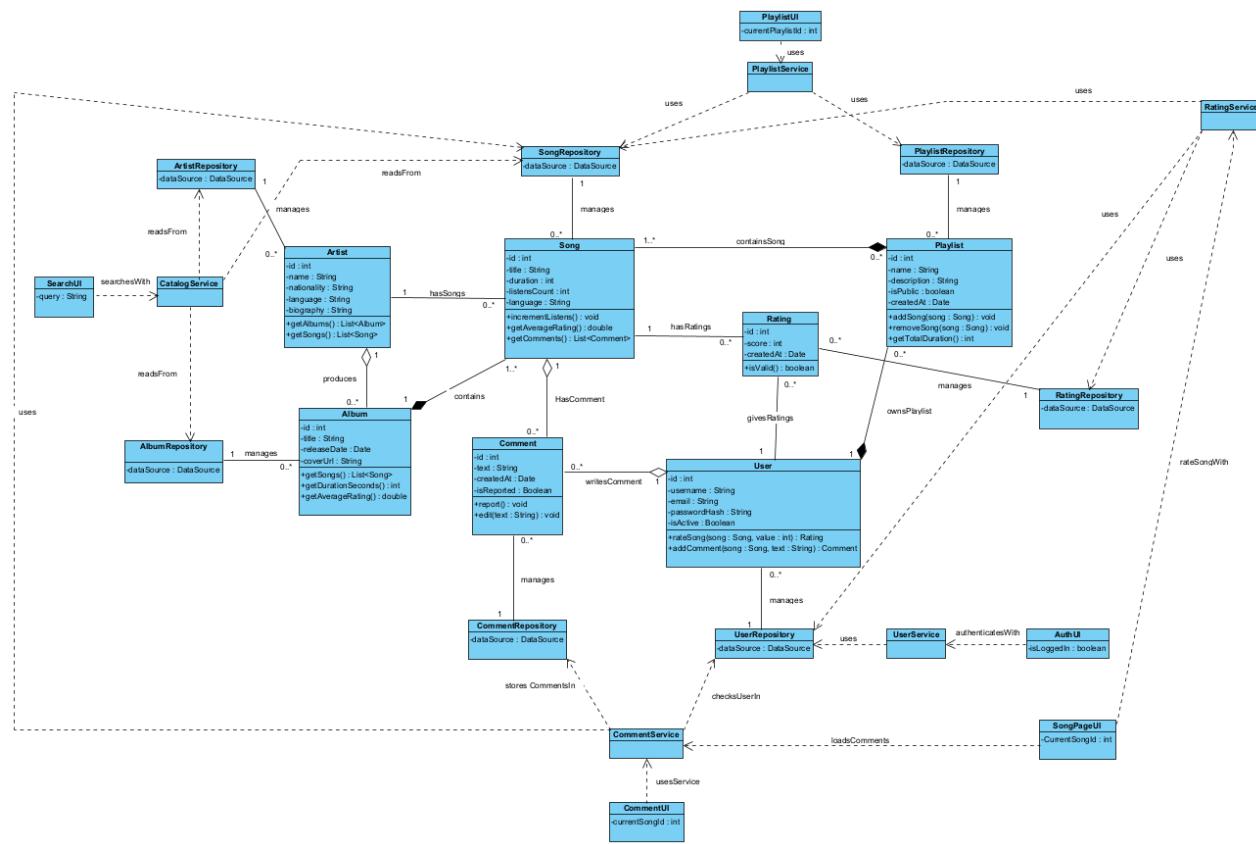
2) by Safiane Ras El Qdim



3) by Johnny Jin



Class Diagram :



Final Gantt Diagram

