VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

FAT LAB EXAM – April 2023

Programme	:	**M.Tech (Business Analytics) 5 Yr. Integrated**	Semester	:	**Winter 2022-2023**
Course Title	:	**Software Engineering**	Code	:	**CSE3036**
			Class Nbr(s)	:	CH2022235001934
Faculty(s)	:	**Dr. Prassanna.J**	Slot	:	**L29+L30**

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REG NO: 21MIA1075

QUESTIONS SET:1

1. The city music shop is planning to install a music kiosk in the waiting hall of its shop. The UI of the music kiosk provides the users with a one-stop music streaming station for all the music needs. The music lovers can easily search for any songs, stream and provide rating and reviews. The user can also download the songs, set it as their caller tune to their mobile devices. The application facilitates the user to identify and network the people with same musical interest by providing the logs of the users whoever searched, streamed and reviewed the songs earlier. It provides multi-featured search options for song selection and to network people.

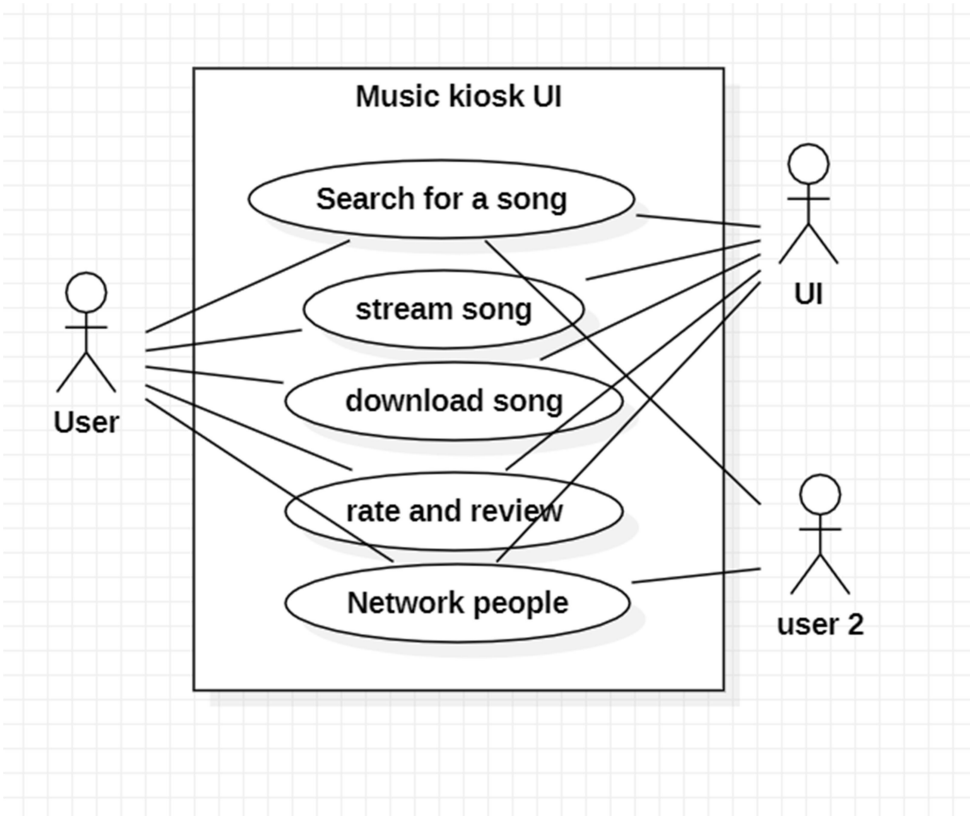
1. Draw use case and sub use case diagram for at least two modules of the project

2. Draw the Entity Relationship Diagram for the project

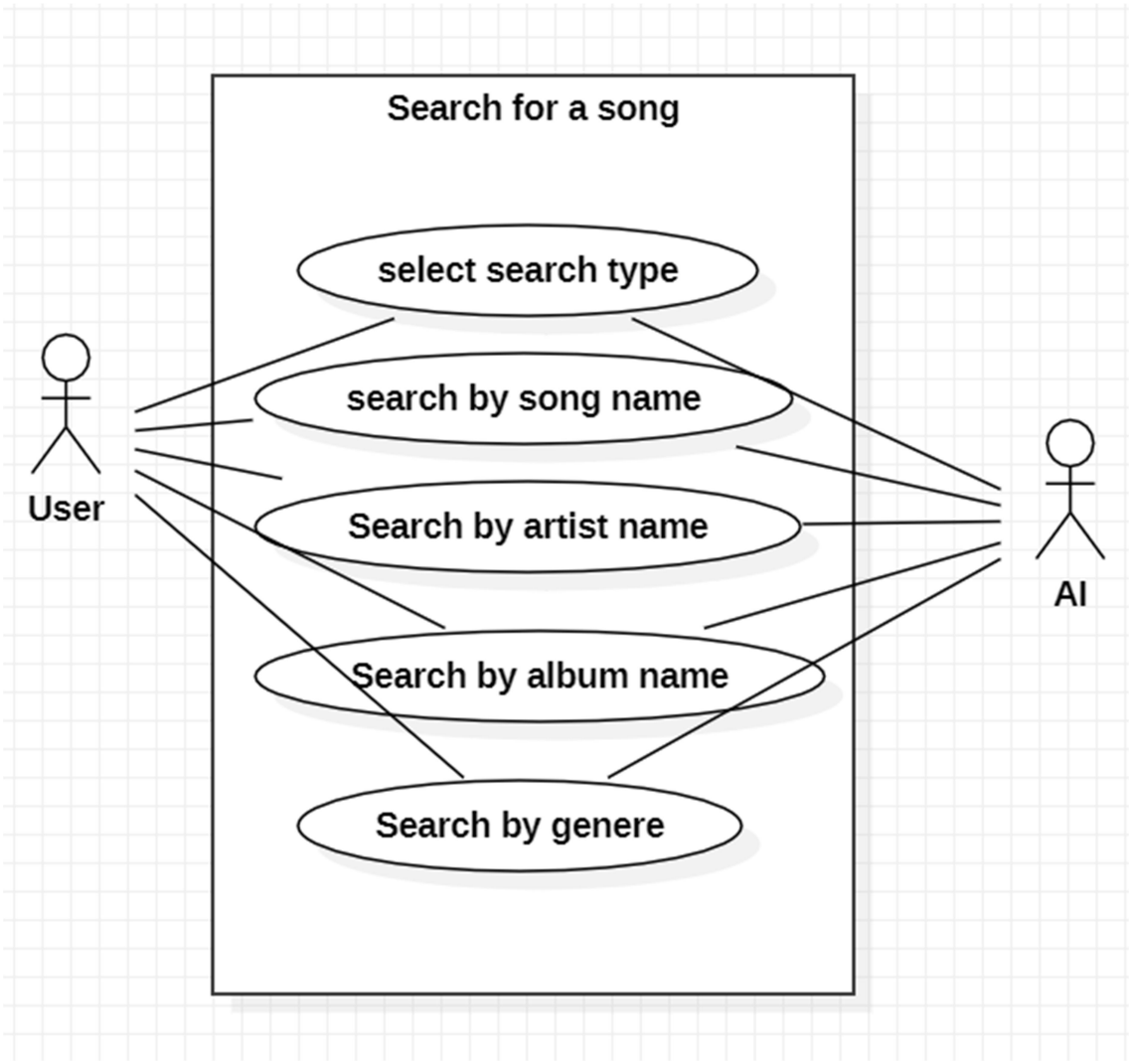
1).

1.1) Draw use case and sub use case diagram for at least two modules of the project.

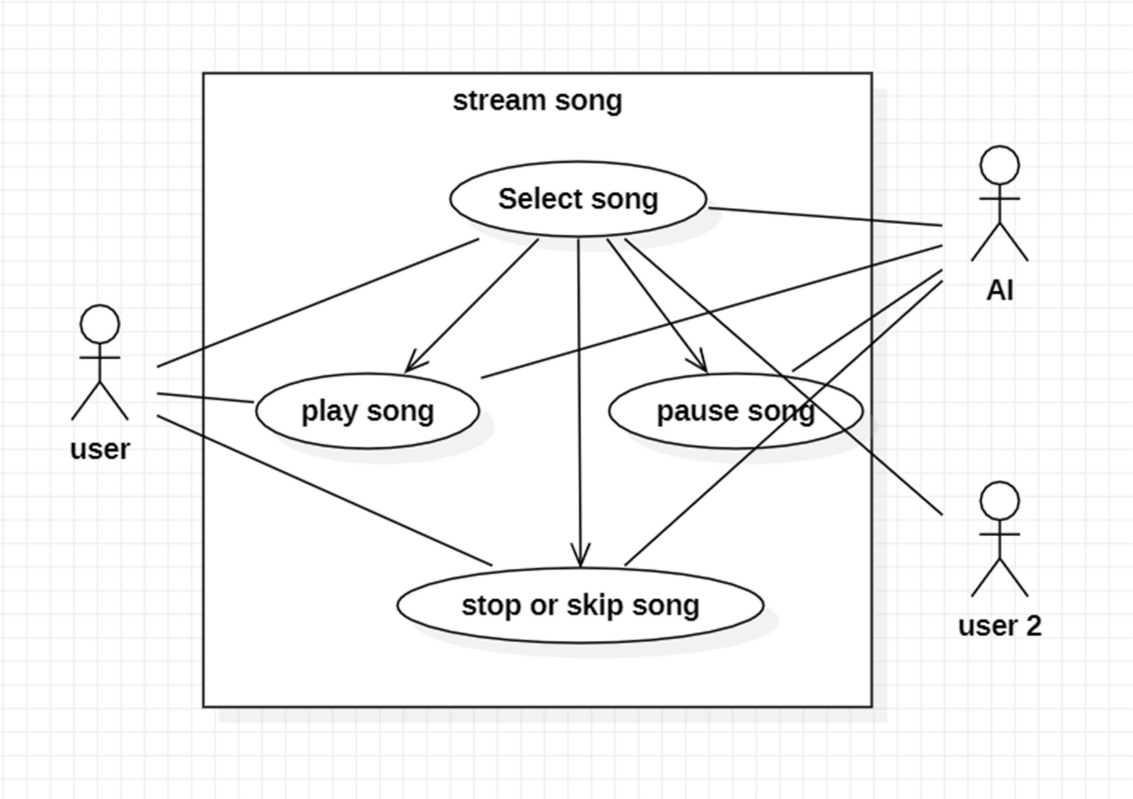
Use Case Diagram:



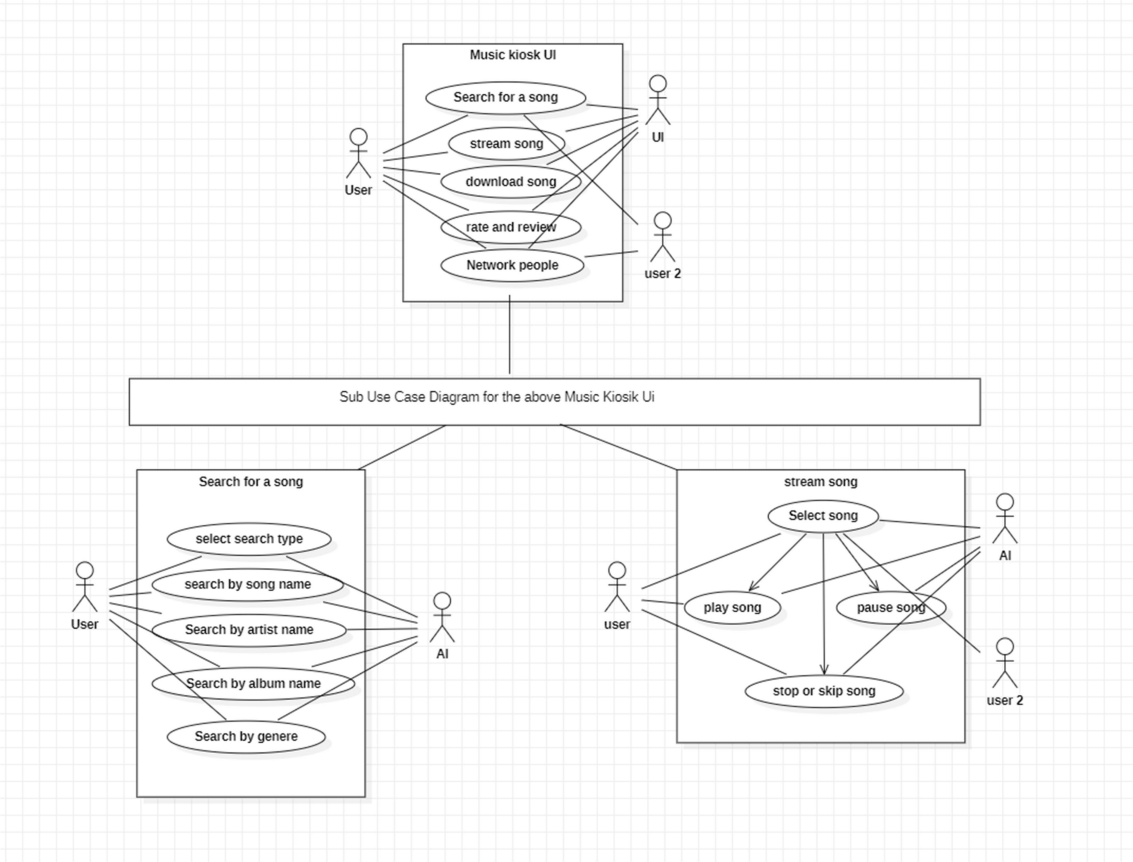
Sub Use case diagram for the module: Search for a Song



Sub Use case diagram for the module: Stream Song



OVERALL:


Music kiosk UI
Search for a song
stream song
download song
rate and review
Network people
User
UI
user 2
Sub Use Case Diagram for the above Music Kiosik Ui
Search for a song
select search type
search by song name
Search by artist name
Search by album name
Search by genere
User
AI
stream song
Select song
play song
pause song
stop or skip song
user
AI
user 2

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1.2)

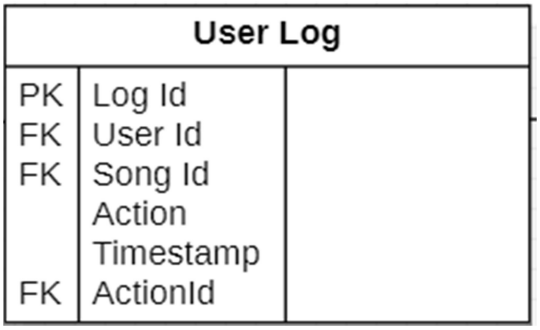
Entities Used In The ER diagram

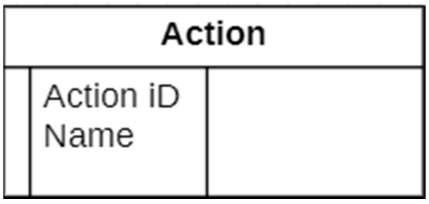
User		
PK	User Id password Email Contact Address	

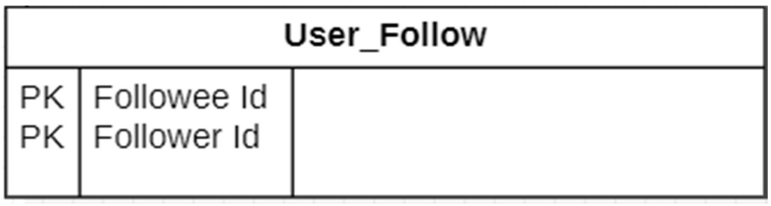
Song		
PK	Song Id Title Artist Album Duration Genre Rating	
FK	Gnere Id	

Genere		
PK	Genere Id Name	

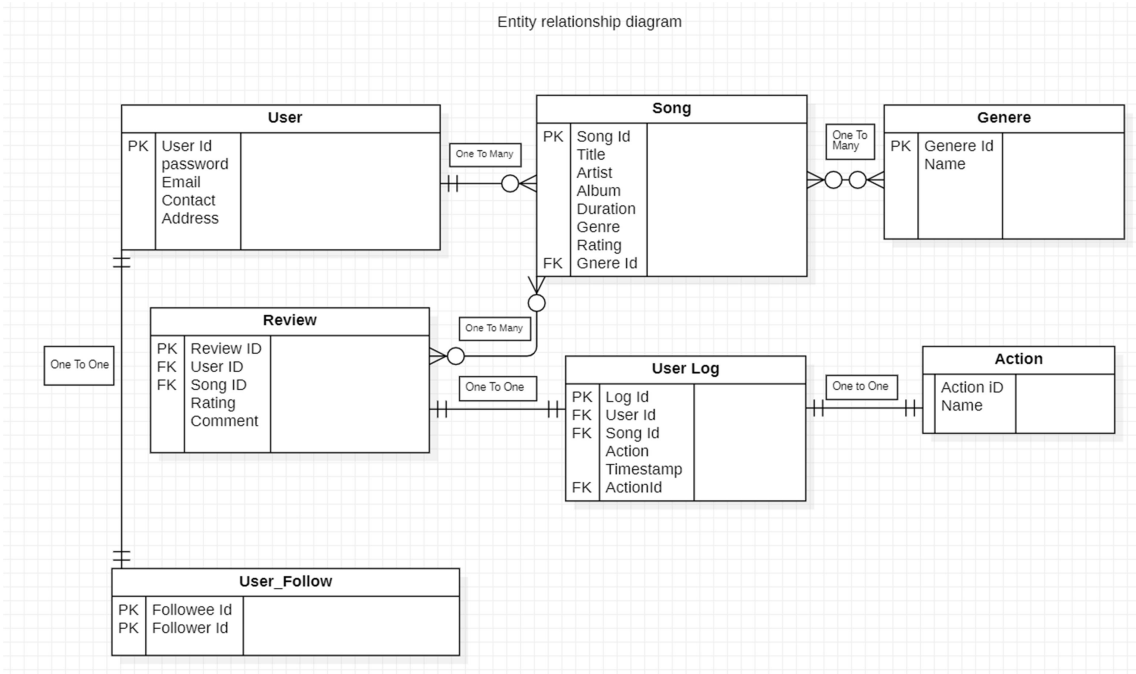
Review		
PK	Review ID	
FK	User ID	
FK	Song ID	
	Rating	
	Comment	







Overall ER Diagram:



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