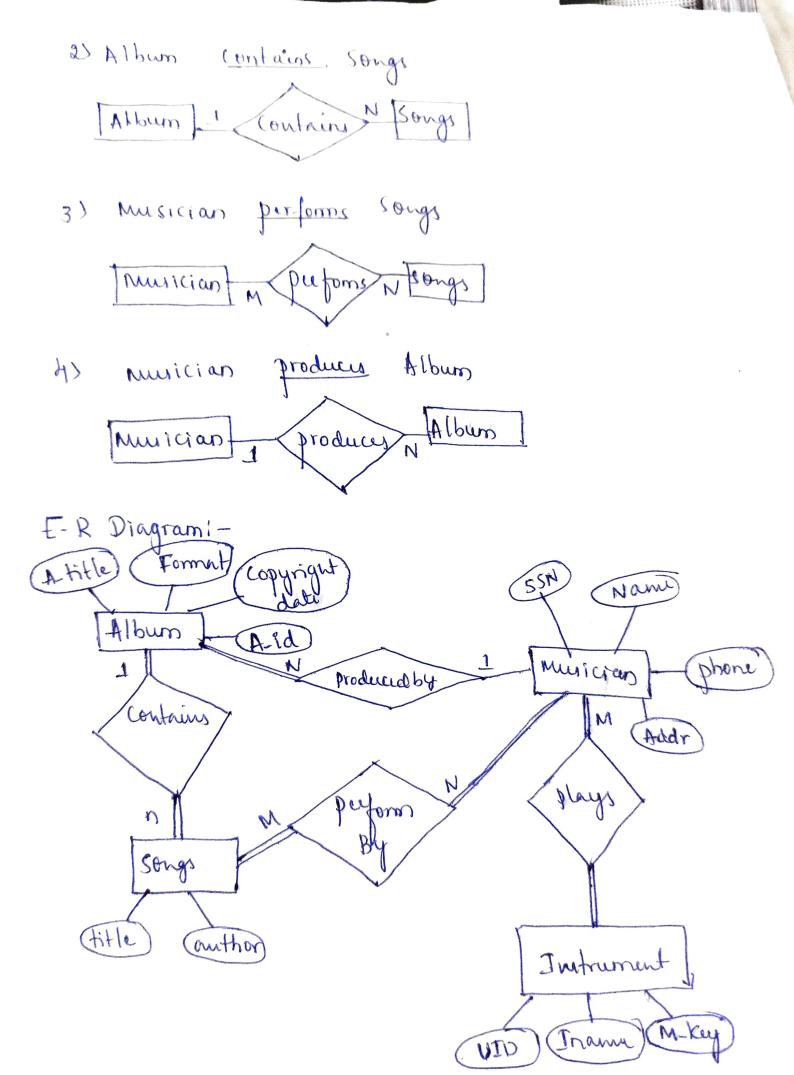
R.V. COLLEGE OF ENGINEERING OBSERVATION / DATA SHEET

Date	Name Anula	Marijuarath Raykas
Dept./Lab DRMC	Class MUAT	V
Title Music Database		
Entity And attributeri-	,	
1) Musician		
Attributu: SSN, Name	, Adrus, Phone	number
2) Intruments: Attributes: - Uniquen	ŕ	
3) Albuman Attributus 1- UniqueAll	rumno, title,	copyrightdate, format
4) Song Attributes: - SongID	title, Author	•
Relationships:- 15 Musician plays	N/T	a trument /
Musician M P	ays In	

Signature of Teacher incharge



R.V. COLLEGE OF ENGINEERING OBSERVATION / DATA SHEET

Date	N			
Dept./Lab	Name		Expt./No	
Pelational Schema:				
Musician				
SSN Name	Addrs	phone		
Playing		1 1		
JO SSN			·	
Instrument		-descendent management		
I id Iname	M-K	ey		
Puforms	anamentus en la proposición de la constitución de l	ACCOUNT OF THE BUILDING TO ACCOUNT OF A STREET, AND ASSESSMENT OF A STREET, AND A STRE		
SSH T9t	le			
Song	подражения в при			
T9He Auth	or Aid	4		
Albun				4
And Title	ldate	Format	produce-SSN	No elsongs
			Signatu Teacher in	re of charge

```
MariaDB [anusha]> select * from instrument;
+----+
| id | name
+-----
| i100 | piano |
| i200 | flute |
| i300 | violin |
| i400 | guitar |
+----+
4 rows in set (0.00 sec)
MariaDB [anusha] > select * from musician;
+----+
| ssn | name | dob | contactnumber |
+----+
| m100 | arun | 0200-01-01 | 987654332 |
| m200 | amruta | 2000-01-01 |
                 987654332
| m300 | amruta | 1999-01-01 | 87654332 |
| m400 | deepika | 1999-11-01 | 87654332 |
+----+
4 rows in set (0.00 sec)
MariaDB [anusha]> select * from album;
+-----
+-----
| 1999-08-08 | d
                         | m100 |
             | 1999-08-08 | d | m100 |
+-----
4 rows in set (0.00 sec)
```

```
MariaDB [anusha]> select * from play;
| ssn | instrumentid |
| m100 | i100
m100 | i200
 m100 | i300
m100 | i400
| m200 | i400
| m400 | i400
6 rows in set (0.00 sec)
MariaDB [anusha]> select * from song;
+-----
| songid | title | author | albumid |
+----
| s01 | srrama | rehman | a01 |
+----+
1 row in set (0.01 sec)
MariaDB [anusha]> select * from perform;
ERROR 1146 (42S02): Table 'anusha.perform' doesn't exist
MariaDB [anusha]> select * from performs;
+----+
| songid | ssn |
| s100 | m100 |
 s200
       m100
 s300 | m100
s400 | m100 |
 -----+
4 rows in set (0.00 sec)
```

1)list musician name, title of the song which he has played the album in which song has occured

2)list the musician who have not produced any album

2 rows in set (0.01 sec)

```
MariaDB [anusha]> select m.ssn,m.name from musician m where m.ssn not in(select m.ssn from musician m, album a where m.ssn=a.ssn);
+-----+
| ssn | name |
+-----+
| m200 | amruta |
| m300 | amruta |
| m400 | deepika |
+-----+
3 rows in set (0.00 sec)
```

3)list the details of the song which are performed by more than 2 musicians

MariaDB [anusha]> select s.* from song s where s.songid in(select songid from performs group by songid having count(songid)>=2);
+-----+
| songid | title | author | albumid |
+-----+
| s300 | aaa | anusha | a01 |
| s400 | aaa | anusha | a01 |
+-----+

4)list the different instrument played by the musician and the average no of musicians who play the instrument

5)Retreive album title produced by the producer who plays guitar as well as flute and has produced no of songs greater than the average songs produced by all producers

6)list the details of the musician who can play all the instruments present