**B. Description**

1. In this diagram the entities are Albums, Musicians , Songs , Instruments , Addresses.
2. Albums contains songs so they are connected by the relationship ‘Contains’.
3. Musicians performs songs. They are connected by the relationship ‘Performs’.
4. Musicians produces album, so they are connected by the relationship ‘Produces’.
5. A musician lives in an addresses. So musician and addresses are connected by the relationship ‘Lives’.
6. Musician plays instruments, so musician and instruments is connected by the relationship ‘Plays’.

**C. Attributes**

Albums: {A\_Id, A\_Name, Format,Copyright\_Date}

Songs: {Title , Author}

Musicians: {Ssn, Name }

Instruments: {Ins\_Name ,MusicalKey}

Addresses: {Ph\_no, FullAddress}

**4.Relationships**

a. Musicians-Addresses (N:1) comprises.

b. Musicians-Instruments (N:M) comprises.

c. Musicians-Albums (1:N) comprises.

d. Musicians-Songs (N:M) comprises.

e. Albums-Songs (1:N) holds.

**5.Relational Schema**

**Albums:**

Albums

<A\_Id>

Album title: <A\_Name>

Date of copyright : <Copyright\_Date>

Album format : <Format>

Producer id : <Ssn> (Forgien key from ‘Musicians’ table)

**Songs:**

Songs

<Title>

Author name : <Author>

Album id : <A\_Id> (Forgien key from ‘Albums’ table)

**Musicians:**

Musicians

<Ssn>

Musician name : <Name>

Musician contact number : <Ph\_No>

**Instruments:**

Instruments

<Ins\_Name>

Musical key type : <Musicalkey>

**Addresses:**

Addresses

<Ph\_No>

Musician address : <FullAddress>

**Plays:**

Plays

Instrument name : <Ins\_name> (Forgien key from ‘Instruments’ table)

Musician id : <Ssn> (Forgien key from ‘Musicians’ table)

**Performs:**

Performs

Musician id : <Ssn> (Forgien key from ‘Musicians’ table)

Song title : <Title> (Forgien key from ‘Songs’ table)

**6. Normalization of Relational Schema**