

# Ebenezer Blecher Keniger

EBK DATA BASE

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# Overview

The Ebenezer blecher Keniger foundation (EBK) is paradigm for the promotional music industry in a post lucrative music industry. Meaning, we live in a world where music can only profit from ticket sales and music streaming services.

EBK is a platform for small artist to advertise themselves to potential investors and promoters alike. The clients would be looking into filing ticket sales or filling commercial contract roster.

The EBK is a heavily reliant on demographics based on locality



# Introduction

The music industry is made up of producer companies and people who earn from writing new songs which they sell in live concerts and shows. The music industry is a general terms for putting together all the stakeholders participating in the creation, presentation, recording, advertising and managing.

Increase in digital piracy has threatened to bring down the music industry and has made it even tougher for rising musicians. The stiff competition between top artists have left rising stars in a desperate position of trying to gain exposure. The Ebenezer Keniger foundation (EBK) is a great advertising, marketing and managing system that will ensure both rising and expert musicians and producers earn from their music.



# Introduction

EBK targets the small artists and aims to expose them to potential investors and promoters while popularizing their work of art. With a great reliance on demographics, EBK will ensure users get the music based on locations hence becoming a great resource for people who love music from their locality; for example, culture based music.

EBK aims to not only help artists rise but also to create a user friendly experience for EBK system users.



# Entities

Music\_label

Music\_label\_history

Country

Region

Artist

Artists\_work

Manager

Clients

Artists\_work

Works\_sales

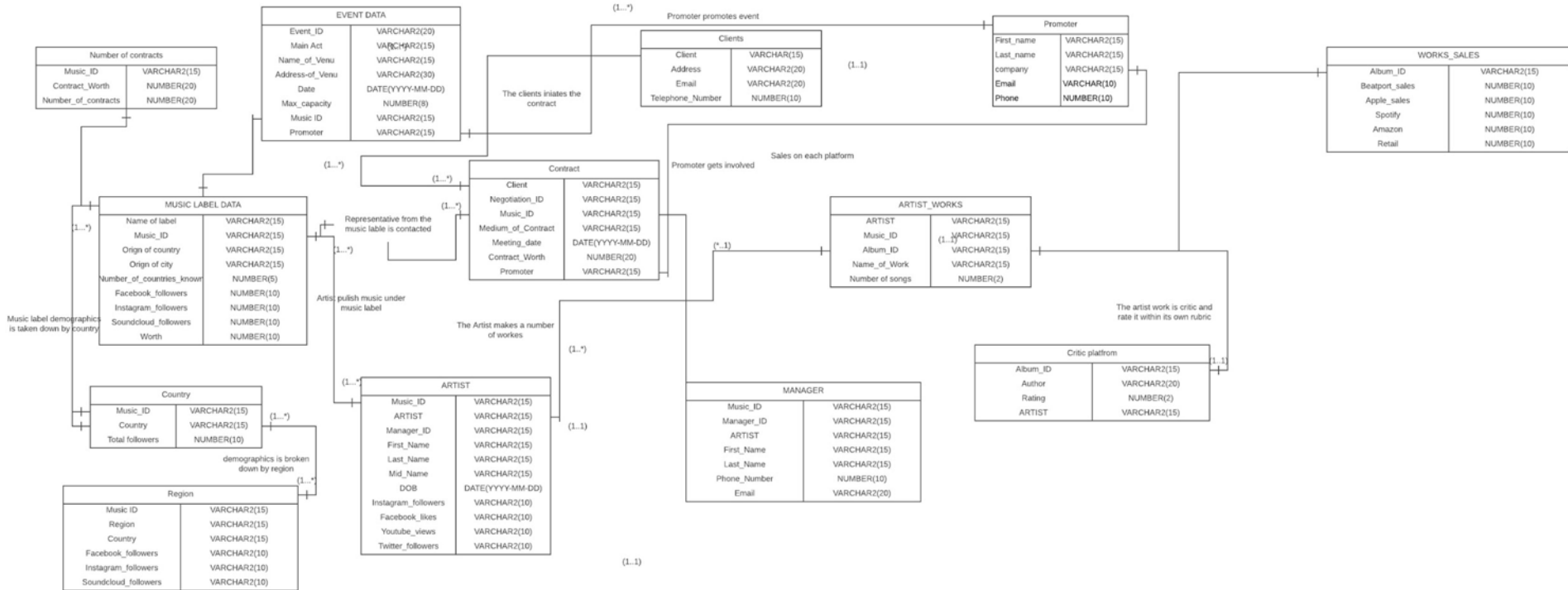
Critic\_platform

Promoter

Event\_data

Contract

# Entity Relation Diagram







# CREATE STATEMENT

```
CREATE TABLE Artist (  
    Music_ID varchar2(15) NOT NULL,  
    Artist varchar2(15) NOT NULL,  
        Manager_ID varchar2(15) NOT NULL,  
        First_Name varchar2(15) NOT NULL,  
    Last_Name varchar2(15) NOT NULL,  
    Mid_Name varchar2(15) ,  
    DOB date NOT NULL,  
    Instagram_followers varchar2(10) ,  
    Facebook_likes varchar2(10),  
    Youtube_views varchar2(10),  
    PRIMARY KEY(Artist, Music_ID),  
    FOREIGN KEY(Manager_ID) REFERENCES Manager(Manager_ID) ON DELETE  
    CASCADE  
);
```







# VIEWS

/\* View containing information about artist and their managers who have a following greater than 1M on Facebook and Youtube \*/

```
CREATE VIEW 1M_Plus AS
```

```
SELECT A.Artist, A.First_Name, A.Last_Name, A.Instagram_followers, A.Facebook_likes,  
A.Youtube_views, M.First_Name, M.Last_Name, M.Email
```

```
FROM Artist A, Manager M
```

```
WHERE A.Facebook_likes > 1,000,000
```

```
AND A.Youtube_views > 1,000,000
```

```
AND M.artist = A.artist;
```



# TRIGGERS

```
/*Trigger to update Music Label History when a new contract is created */
```

```
CREATE TRIGGER updateLabel
```

```
AFTER INSERT ON Contract
```

```
FOR EACH ROW
```

```
BEGIN
```

```
    UPDATE Music_Label_History s
```

```
        SET s.contract_total = s.contract_total + 1
```

```
        SET s.contract_total_worth = s.contract_total_worth +  
new.Contract_Worth
```

```
    WHERE s.Music_ID = new.Music_ID;
```

```
END;
```



ENJOY YOUR BREAK!