PROJECT PHASE THREE ANALYSIS DOCUMENT 2022

CMPG 223 Phase 3

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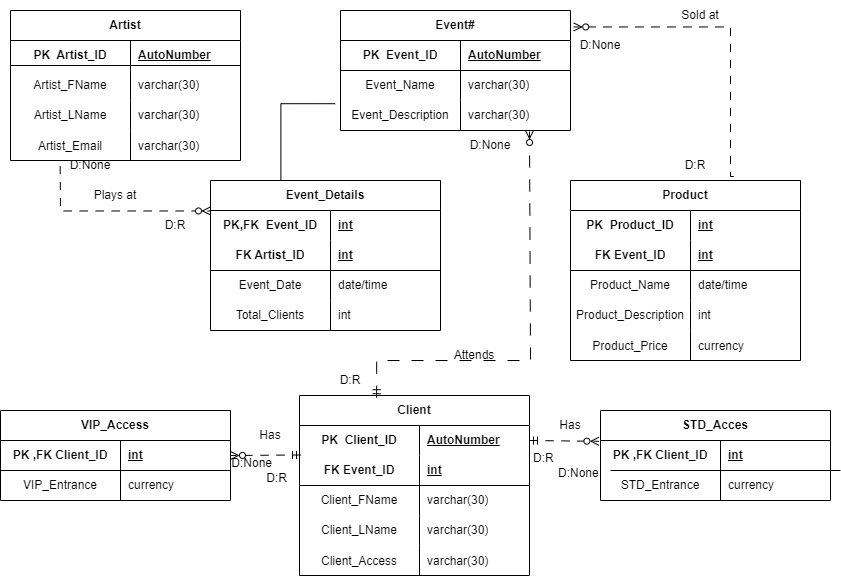
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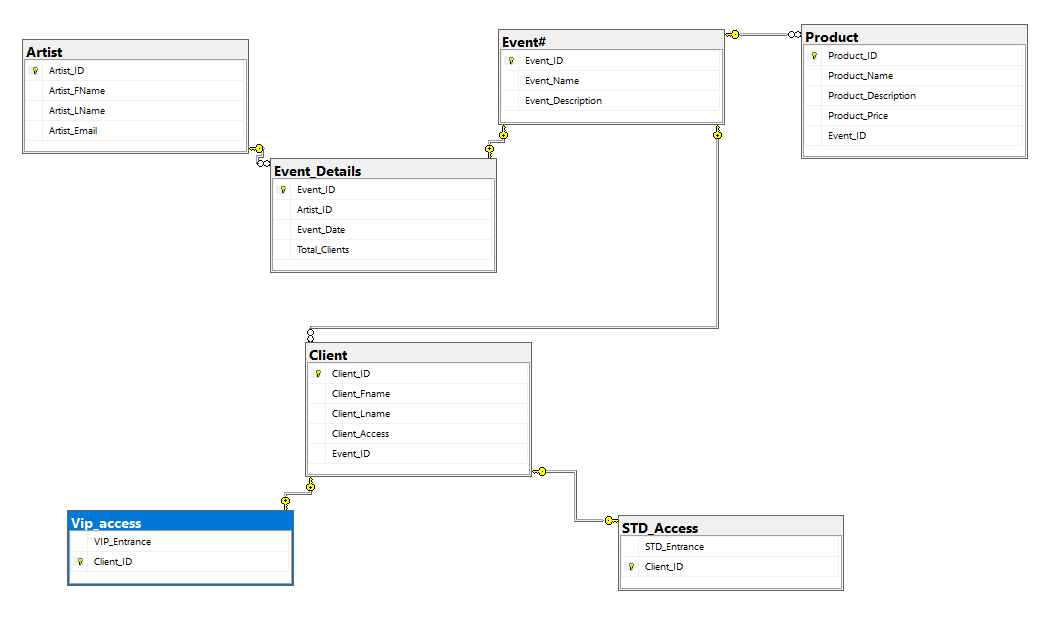
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# Physical Data Model



# Physical Process Models

# Entity Relationship Diagram



# All SQL Code

## Creating Database

Drop database if Exists NightShift;

Go

Create database NightShift;

Go

## Creating Tables

Use NightShift

Go

Create Table Product

(

    Product\_ID int Identity(1,1) Primary Key,

    Product\_Name varchar(30),

    Product\_Description varchar(30),

    Product\_Price money,

    Event\_ID int Foreign key references Event#(Event\_ID)

);

Create table Artist

(

    Artist\_ID int Identity(1,1)primary key,

    Artist\_FName varchar(30),

    Artist\_LName varchar(30),

    Artist\_Email varchar(30)

);

Create Table Event#

(

    Event\_ID int identity(1,1) Primary Key,

    Event\_Name varchar(30),

    Event\_Description varchar(30)

);

Create table Client

(

    Client\_ID int Identity(1,1) Primary Key,

    Client\_Fname varchar(30),

    Client\_Lname varchar(30),

    Client\_Access  varchar(30),

    Event\_ID int Foreign key references Event#(Event\_ID)

);

Create Table Event\_Details

(

    Event\_ID int Primary Key references Event#(Event\_ID),

    Artist\_ID int Foreign key references Artist(Artist\_ID),

    Event\_Date date not null,

    Total\_Clients int

);

Create Table STD\_Access

(

    STD\_Entrance money,

    Client\_ID int Primary Key references Client(Client\_ID)

);

create table Vip\_access

(

    VIP\_Entrance money,

    Client\_ID int Primary Key references Client(Client\_ID)

);

## Insert, Delete, and Update of Event

## Insert, Delete, and Update of Artist

## Insert, Delete, and Update of Product

## Insert, Delete, and Update of Client

## Insert, Delete, and Update of Event\_Details

## SQL for Reports

# Reports – screen prints

# User Manual

# Diary of work