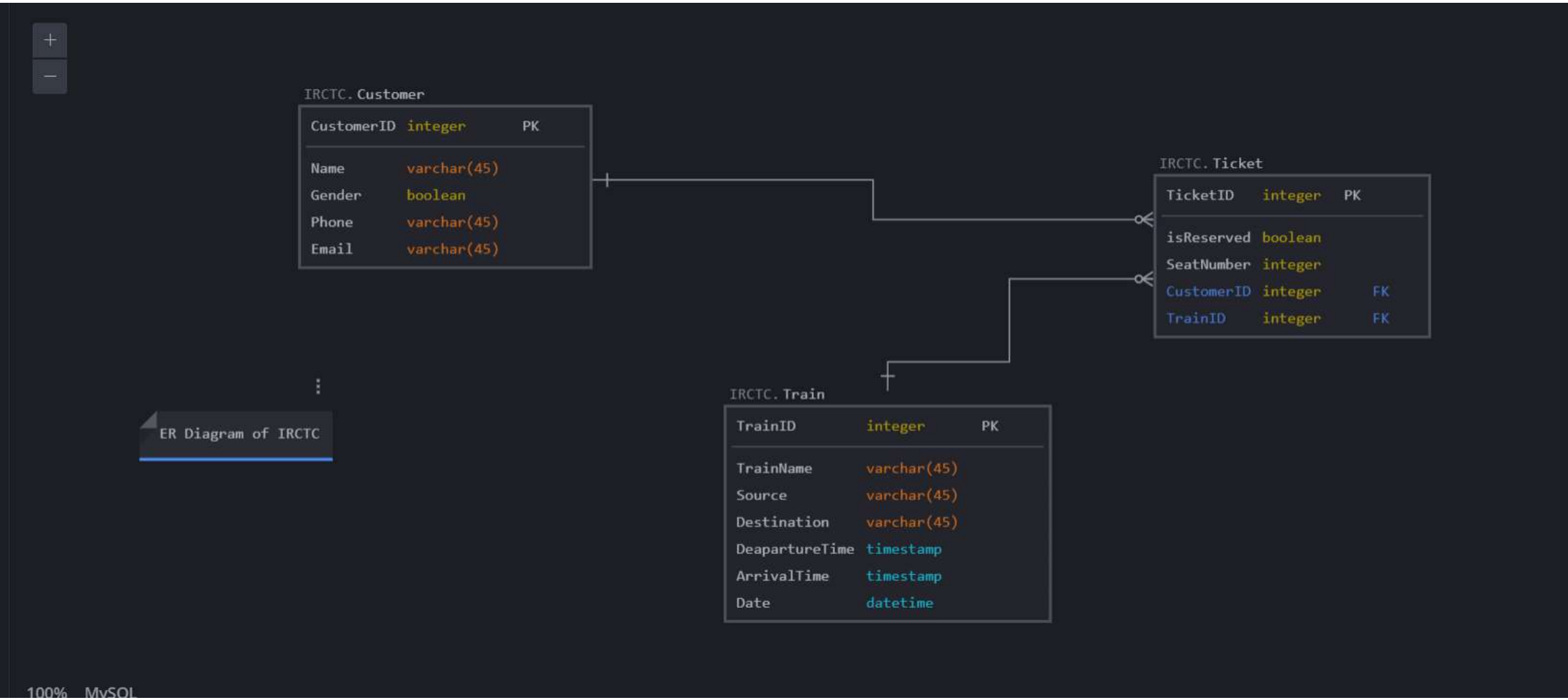
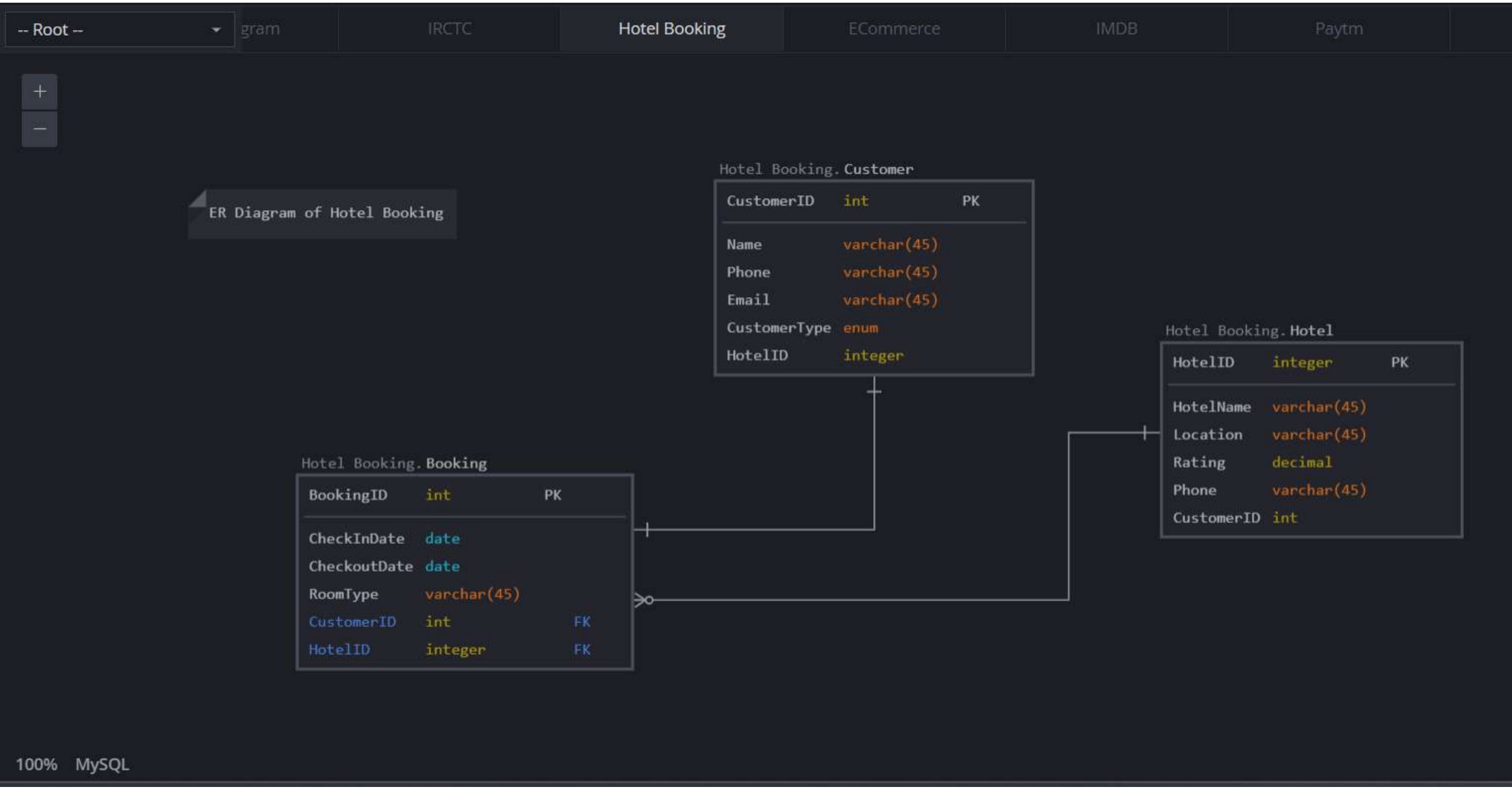
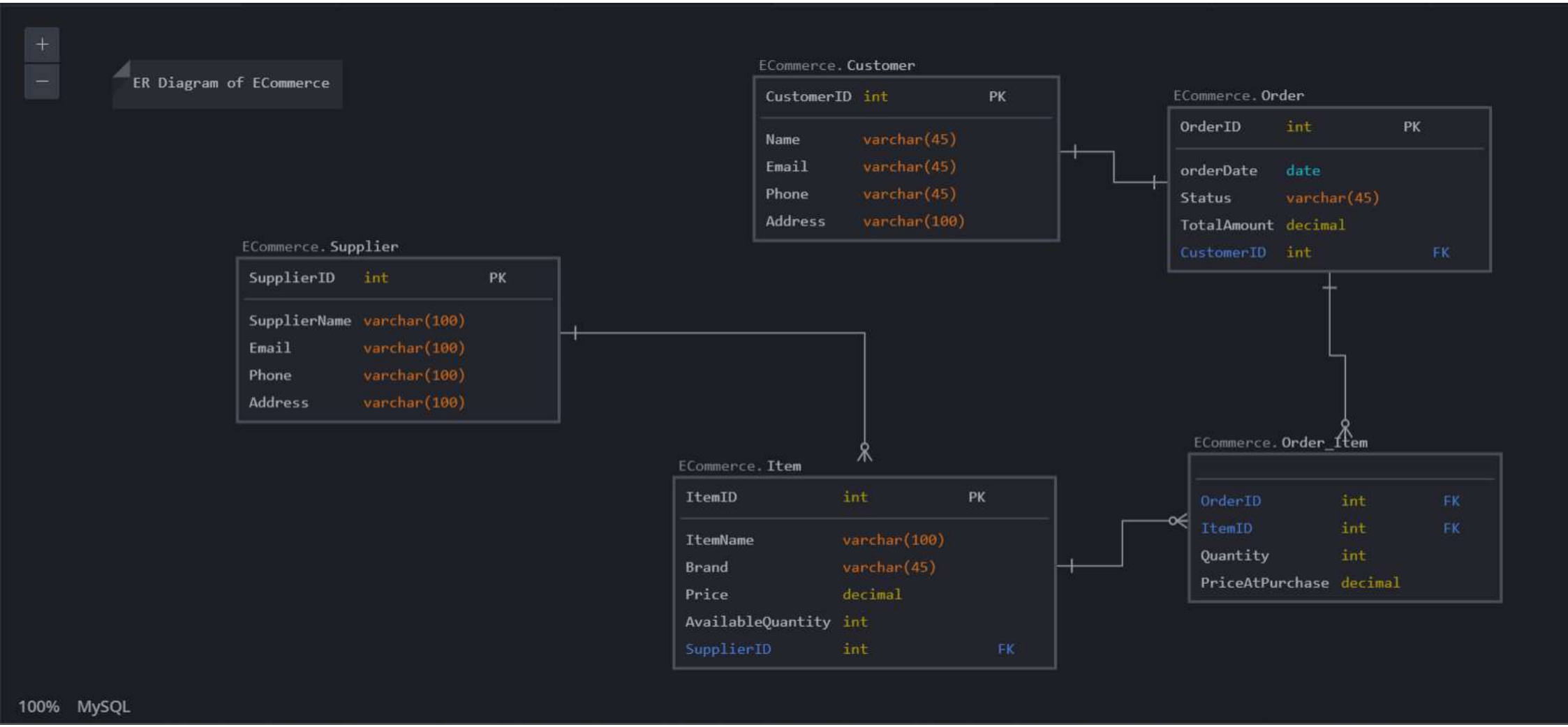
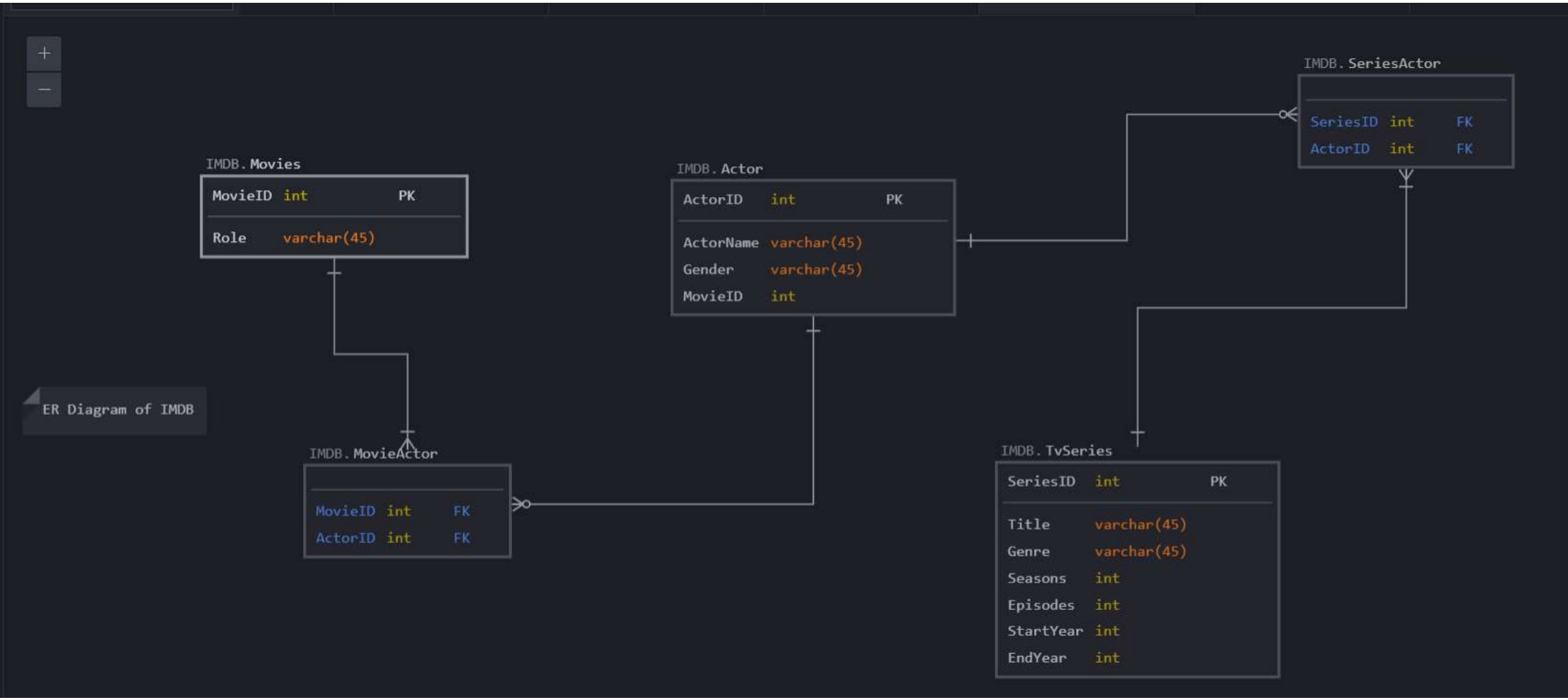
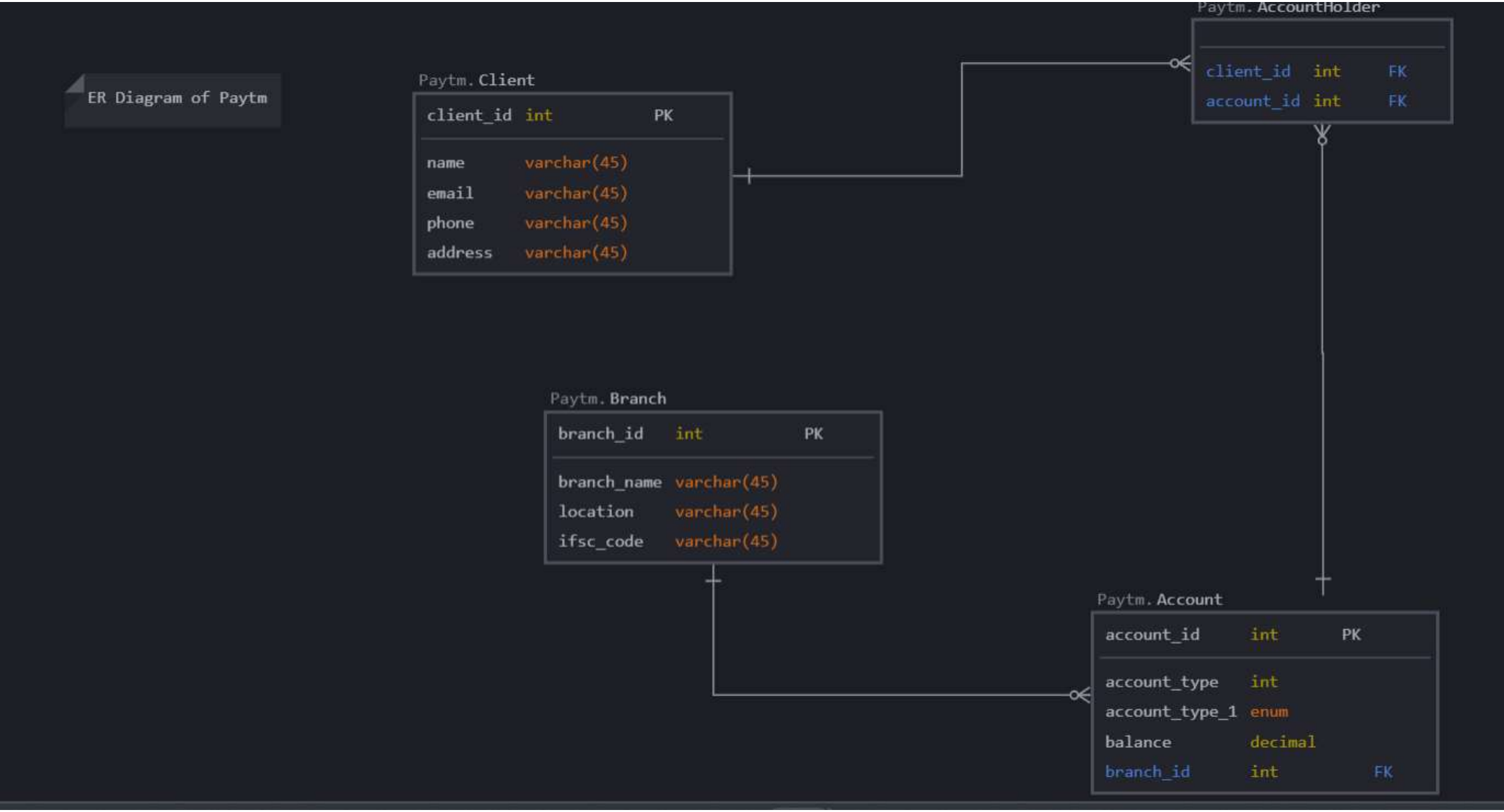

IRCTC. Customer
CustomerID integer PK
Name varchar(45)
Gender boolean
Phone varchar(45)
Email varchar(45)
IRCTC. Ticket
TicketID integer PK
isReserved boolean
SeatNumber integer
CustomerID integer FK
TrainID integer FK
IRCTC. Train
TrainID integer PK
TrainName varchar(45)
Source varchar(45)
Destination varchar(45)
DeapartureTime timestamp
ArrivalTime timestamp
Date datetime
ER Diagram of IRCTC
100% MySQL


-- Root --
gram
IRCTC
Hotel Booking
ECommerce
IMDB
Paytm
ER Diagram of Hotel Booking
Hotel Booking.Customer
CustomerID int PK
Name varchar(45)
Phone varchar(45)
Email varchar(45)
CustomerType enum
HotelID integer
Hotel Booking.Hotel
HotelID integer PK
HotelName varchar(45)
Location varchar(45)
Rating decimal
Phone varchar(45)
CustomerID int
Hotel Booking.Booking
BookingID int PK
CheckInDate date
CheckoutDate date
RoomType varchar(45)
CustomerID int FK
HotelID integer FK
100% MySQL


ER Diagram of ECommerce
ECommerce.Customer
CustomerID int PK
Name varchar(45)
Email varchar(45)
Phone varchar(45)
Address varchar(100)
ECommerce.Order
OrderID int PK
orderDate date
Status varchar(45)
TotalAmount decimal
CustomerID int FK
ECommerce.Supplier
SupplierID int PK
SupplierName varchar(100)
Email varchar(100)
Phone varchar(100)
Address varchar(100)
ECommerce.Item
ItemID int PK
ItemName varchar(100)
Brand varchar(45)
Price decimal
AvailableQuantity int
SupplierID int FK
ECommerce.Order_Item
OrderID int FK
ItemID int FK
Quantity int
PriceAtPurchase decimal
100% MySQL


IMDB.Movies
MovieID int PK
Role varchar(45)
IMDB.Actor
ActorID int PK
ActorName varchar(45)
Gender varchar(45)
MovieID int
IMDB.SeriesActor
SeriesID int FK
ActorID int FK
ER Diagram of IMDB
IMDB.MovieActor
MovieID int FK
ActorID int FK
IMDB.TvSeries
SeriesID int PK
Title varchar(45)
Genre varchar(45)
Seasons int
Episodes int
StartYear int
EndYear int


ER Diagram of Paytm
Paytm.Client
client_id int PK
name varchar(45)
email varchar(45)
phone varchar(45)
address varchar(45)
Paytm.AccountHolder
client_id int FK
account_id int FK
Paytm.Branch
branch_id int PK
branch_name varchar(45)
location varchar(45)
ifsc_code varchar(45)
Paytm.Account
account_id int PK
account_type int
account_type_1 enum
balance decimal
branch_id int FK