Group 20 Project

Bhavajna Kallakuri (202003046**)**

Divyansh Jain (202003047**)**

Lab 4 (Date: 10-09-2021**)**

Bus Management System

E-R Model to Relational Model

Following is the Relational model of Bus Management system

Entity-Relationship Diagram

Parcels

ParcelID	Product Type	Weight	BusID
PK			FK

Seat

SeatID	BusID	Status	BookingID
	FK		FK
PK			

Booking

Booking ID	ParcelID	Destination	Date of Booking	Source	Status	Total amount
PK	FK					

Payment

PaymentID	BookingID	Date of Payment	Amount Paid	Payment Gateway	Mode
PK	FK				

Customer

CustomerID	BookingID	PaymentID	UserID	Gender	DOB
PK	FK	FK	FK		

Bus

BusID	RouteID	Bus type	No. of seats available	Model	Total No. of seats	Bus Number
PK	FK					

User_login

UserID	Username	Password	Mobile No.	Email	FName	LName	Doornum	Landmark	District	State_name	Pincode	Category	AadharNo.
PK													

Connects

RouteID	StationID
FK	FK

Station

StationID	Name	District	State_name
PK			

Employee

EmployeeID	UserID	Role	Gender	DOB	BusID
PK	FK				FK

Route

RouteID	Source	Departure Time	Arrival Time	Destination	Distance	Scheduled date
PK						