**COURIER SERVICE MANAGEMENT SYSTEM**

\*\*RELATIONAL SCHEMA\*\*

1.Shipment(shipmentID , officeID , deliveryManID , cost , status , customerID , pickupDate , deliveryDate)

PK : shipmentID

FK : officeID references office(officeID)

deliveryManID references deliveryBoy(deliveryManID)

customerID references customer(customerID)

\*\* shipmentID int,

officeID int,

deilveryManID int,

cost double,

status varchar(20),

customerID varchar(8),

pickupDate date,

deliveryDate date\*\*

2.location(shipmentID , pickupStreet , pickupCity ,pickupState , deliveryStreet , deliveryCity, deliveryState)

PK : shipmentID

FK : shipmentID references shipment(shipmentID)

\*\*pickupStreet varchar(30),

pickupCity varchar(30),

pickupState varchar(30),

deliveryStreet varchar(30),

deliveryCity varchar(30),

deliveryState varchar(30)\*\*

3.parcel(parcelID , weight , dimension , type)

PK : parcelID

FK : parcelID references shipment(shipmentID)

\*\*weight double,

dimension double,

type varchar(15)\*\*

4.deliveryBoy(deliveryManID , name , vehicleID , rating, phoneNumber )

PK : deliveryManID

FK : vehicleID references vehicle(vehicleID)

\*\*deliverBoyID int,

name varchar(20),

vehicleID int ,

rating double,

phoneNumber bigint\*\*

5.customer(customerID , customerName , phoneNumber ,email , password , gender)

PK : customerID

\*\*customerID varchar(8),

customerName varchar(25),

phoneNumber bigint,

email varchar(35),

password varchar(5),

gender varchar(6)\*\*

6.vehicle(vehicleID , vehicleName , registrationNo , cost , capacity , distance )

PK : vehicleID

\*\* vehicleID int ,

vehicleName varchar(30),

registrationNo varchar(20),

cost double,

capacity double,

distance int\*\*

7.office(officeID , contactNo , email , address)

PK : officeID

\*\* officeID int,

contactNo bigint,

email varchar(25),

address varchar(35)\*\*

OFFICE

|  |  |  |  |
| --- | --- | --- | --- |
| officeID | contactNo | email | Address |
| 0 | 4583749383 | |  | | --- | |  | |  | | Office1@gmail.com | |  | | shop1,MI road, jaipur |
| 1 | 9347852901 | office2@gmail.com | sector-21,GT road,New Delhi |
| 2 | 8293657402 | office3@gmail.com | 1st floor,pink square ,jaipur |
| 3 | 6930748528 | office4@gmail.com | shop23,borivali , Mumbai |

VEHICLE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| vehicleID | vehicleName | registrationNo | Cost(Rs) | Capacity(Kg) | Distance(Km) |
| 0 | Tata Winger 15 | HR26DQ5551 | 750000 | 300 | 5000 |
| 1 | Tata Magic Van | MH20DV2366 | 500000 | 250 | 4000 |
| 2 | Mahindra Supro Van | DL1N4368 | 875000 | 600 | 7000 |
| 3 | Mahindra Supro Mini Van | KA19P8488 | 325000 | 400 | 3000 |
| 4 | Force Traveller 17 | CH022002 | 425000 | 550 | 4500 |
| 5 | Force Trax Toofan 11 | DL4CAF4943 | 575000 | 450 | 8000 |
| 6 | Tata Magic | KA03MG2784 | 650000 | 500 | 5000 |
| 7 | Force Trax Toofan 11 | MH20FV4353 | 700000 | 650 | 6500 |

DELIVERY BOY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| deliveryManID | name | vehicleID | rating | phoneNumber |
| 0 | Mark | 0 | 2.5 | 1174592013 |
| 1 | Taylor | 1 | 4.5 | 1176348290 |
| 2 | Harry | 2 | 3 | 1176984116 |
| 3 | Jennifer | 3 | 3.5 | 1176009822 |
| 4 | Michael | 4 | 4.5 | 1174987221 |
| 5 | Daniel | 5 | 2 | 1123147789 |
| 6 | George | 6 | 4.5 | 1966947113 |
| 7 | John | 7 | 5 | 1123439899 |