CREATE TABLE TrackStatus(

Id INT NOT NULL auto\_increment,

Code VARCHAR(2) NOT NULL,

Description VARCHAR(50) NOT NULL,

Status VARCHAR(50) NOT NULL,

PRIMARY KEY(Id)

);

INSERT INTO TrackStatus(Code, Description, Status)

VALUES("AC", "Accepted", "N/Y"),

("IT", "In Transit", "N/Y"),

("DE", "Delivered", "N/Y"),

("EX", "Exception", "N/Y"),

("UN", "Unknown", "N/Y"),

("AT", "Delivery Attempt", "N/Y"),

("NY", "Not Yet In System", "N/Y");

INSERT INTO Carrier(Name, Code)

VALUES("U.S.", "Postal Service usps"),

("Stamps.com", "stamps\_com"),

("FedEx" ,"fedex"),

("UPS", "ups"),

("DHL Express", "dhl\_express"),

("DHL ECommerce", "dhl\_global\_mail"),

("Canada Post", "canada\_post"),

("Australia Post", "australia\_post"),

("First Mile", "firstmile"),

("Asendia", "asendia"),

("OnTrac", "ontrac"),

("APC", "apc"),

("Newgistics", "newgistics"),

("Globegistics", "globegistics"),

("RR Donnelley", "rr\_donnelley"),

("IMEX", "imex"),

("Access Worldwide", "access\_worldwide"),

("Purolator Canada", "purolator\_ca"),

("Sendle", "sendle");

CREATE TABLE Customer(

Phone VARCHAR(255) NOT NULL,

Name VARCHAR(255),

Country VARCHAR(255) NOT NULL,

City VARCHAR(255) NOT NULL,

Address1 VARCHAR(255) NOT NULL,

Address2 VARCHAR(255),

PostalCode INT NOT NULL,

PRIMARY KEY(Phone)

)

CREATE TABLE Shipment(

Id INT NOT NULL auto\_increment,

TrackingNumber INT NOT NULL,

FromPhone VARCHAR(255) NOT NULL,

ToPhone VARCHAR(255) NOT NULL,

CarrierId INT NOT NULL,

StatusId INT NOT NULL,

ShipDate VARCHAR(30) NOT NULL,

ArrivalDate VARCHAR(30) NOT NULL,

EstimatedArrivalDate VARCHAR(30) NOT NULL,

PRIMARY KEY(Id, TrackingNumber),

FOREIGN KEY(FromPhone) REFERENCES Customer(Phone),

FOREIGN KEY(ToPhone) REFERENCES Customer(Phone),

FOREIGN KEY(CarrierId) REFERENCES Carrier(Id),

FOREIGN KEY(StatusId) REFERENCES TrackStatus(Id)

);

CREATE TABLE Package(

Id INT NOT NULL auto\_increment,

ShipmentId INT NOT NULL,

Weight FLOAT NOT NULL,

Height FLOAT,

Width FLOAT,

PRIMARY KEY(Id),

FOREIGN KEY(ShipmentId) REFERENCES Shipment(Id)

)