Customer Information Database

I. Project Description:

The idea of this model is from a small delivery company which their service is to deliver any legal products in the US to my hometown, Vietnam. The owner decided to use Excel to store their customers’ information; therefore, I thought there would be a great idea to use database instead.

This model would store all information of the customer (in order words sender) including their previous recipients’ information, as well as the invoices and items associated with each recipient. The user could insert new customer and associated recipient, invoice and item list in the index page, update customers’ information, search for existed customers and delete customers’ information.

II. E/R Diagram:

Diagram

Description automatically generated

III. Database Schema:

Senders(senderID, fname, lname, phone, addr, email)

Receivers(senderID, receiverID, fname, lname, phone, addr, email)

Orders(senderID, receiverID, orderID, price, weight, orderDate)

Items(orderID, list, type)

IV. Sample data input SQL file:

[..\website\datas.py](../website/datas.py)

V. Source Code:

Front-end Website Application inside: [..\website\templates](../website/templates)

Back-end Develop inside: [..\website\](../website/__init__.py)

Run the project through: [..\main.py](../main.py)

VI. Screenshots: