

Electronics Vendor Relational Schema

customer(customer_id, first_name, last_name, email, phone, street, street2, city, state, zip)

online_customer(customer_id, username, password, date_of_birth) foreign key
customer_id references customer

credit_card(customer, option_number, name_on_card, cc_no, security_code, bill_street, bill_street2, bill_city, bill_state, bill_zip) fk customer references customer

business(business_id, name, balance, payment_due, payment_due_date, last_payment_received, last_payment_date, street, street2, city, state, zip)

business_contract(business, start_date, end_date, cont_first_name, cont_last_name, cont_phone, cont_email) foreign key business references business

product(product_id, name, manufacturer, category, price, description, no_in_stock, amt_sold)

package(package_id, name, price)

package_products(package, product) foreign key package references package, foreign key product references product

shopping_cart(customer, product, qty) foreign key customer references customer, foreign key product references product

order(order_id, customer, date, total, payment, shipping_option) foreign key customer references online_customer, foreign key shipping_option references shipping_option, foreign key payment references credit_card

order_products(order, product, qty) foreign key order references order, foreign key product references product

store(store_id, phone, street, street2, city, state, zip, warehouse) foreign key warehouse references warehouse

store_inv(store, product, qty) foreign key store references store, foreign key product references product

warehouse(warehouse_id, phone, street, street2, city, state, zip)

warehouse_inv(warehouse, product, qty) foreign key warehouse references warehouse, foreign key product references product

store_order(store_order_id, store, order_date, fill_date, warehouse) foreign key store references store, foreign key warehouse references warehouse

store_order_product(store_order, product, qty) foreign key store_order references store_order, foreign key product references product

business_order(order_id, business, date, total, shipping_option) foreign key business references business, foreign key shipping_option references shipping_option

business_order_products(order, product, qty) foreign key order references business_order, foreign key product references product

shipper(shipper_id, name, phone)

shipping_option(option_id, shipper, name, price) foreign key shipper references shipper

shipment(shipment_id, order, shipping_option, tracking_number, est_delivery,
delivery_date) foreign key order references order, foreign key shipping_option
references shipping_option

shipment_contents(shipment, order, product) foreign key shipment references
shipment, foreign key (order, product) references order_product

business_shipment(shipment_id, order, shipping_option, tracking_number, est_delivery,
delivery_date) foreign key order references business_order, foreign key
shipping_option references shipping_option

business_shipment_contents(shipment, order, product) foreign key shipment references
shipment, foreign key (order, product) references business_order_products