# API Documentation – Sai Herng

## Data Schema

1) Product (id, name, img\_url, price, description)

2) Order (id, vendor\_id, customer\_id, total\_price)

3) OrderItem (id, order\_id, product\_id, quantity)

4) Customer (id, name, email, password, phone, address)

5) Vendor (id, name, email, password, phone, address)

## API Routes

## Product

**1) GET /product**

* Selects all products in the database.

**2) GET /product/<int:productID>**

* Select product by product id.

**3) POST /product/new**

* Gets all product details from HTML form.
* Creates new product object and maps into database.

**4) POST /product/<int:productID>/edit**

* Updates product using product id.

**5)** **DELETE /product/<int:productID>/delete**

* Deletes product using product id.

## Customers

**6) GET /customer**

* Selects all customers in the database.

**7) POST /customer/new**

* Creates new customer using details from HTML form.

## Vendors

8) **GET /vendor/<int:vendorID>/orders**

* Selects orders from vendors categorized by vendor.

**9) GET /vendor/<int:vendorID>/products**

* Selects products sold by vendors using vendor id.

**10) POST /vendor/new**

* Creates new vendor using details from HTML form.

## Order

**11) GET /orders**

* Get all orders categorized by vendor.

**12) GET /order/<int:orderID>**

* Select order by order id.

**13) POST /order/new**

* Create new order using html form.

**14) DELETE /order/<int:orderID>/delete**

* Delete order by order id.

## OrderItems

**15) GET /order/<int:orderID>/orderitem/<int:orderitemID>**

* Select order item by order id and order item id.

**16) GET /order/<int:orderID>/orderitems**

* Select all order items inside an order using order id.

**17) POST /order/<int:orderID/orderitem/new**

* Create new order item by order id.

**18) DELETE /ORDER/<int:orderID>/orderitem/<int:orderitemID>/delete**

* Delete order item by order id and order item id.