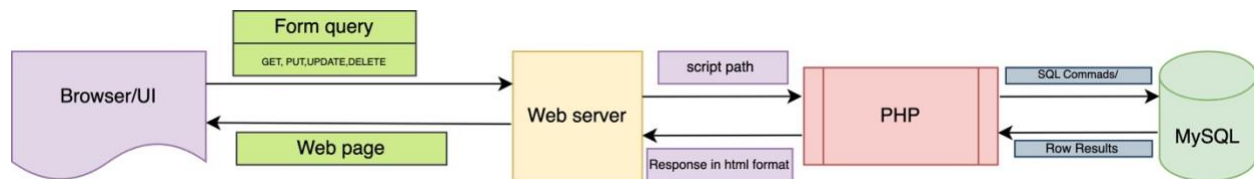


# *African Online Gift Store*

Database Design  
Milkias Haile  
25<sup>Th</sup> October 2023

## Overview

The backend of this online gift store webapp is php. Php will be leveraged used to add products to cart and searching functionality, calculate total price of items in the cart. All other CRUD functionality when adding products to the system by and administrator, user registration will also be achieved by php interaction with the database. See the Diagram below for general work flow or interaction of service layes.



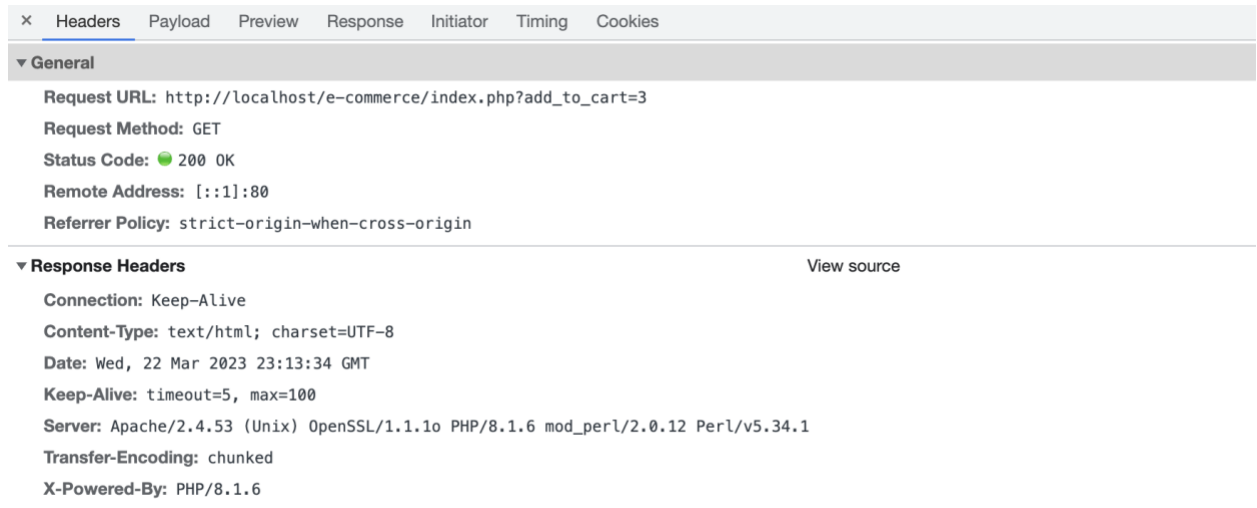
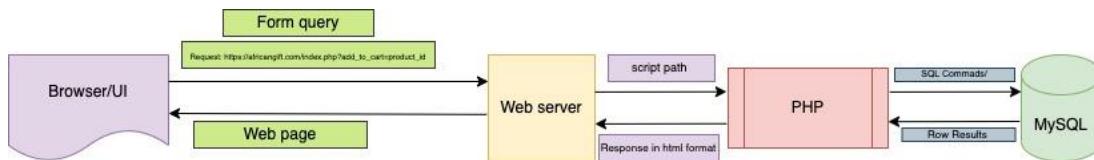
## Specifications:

### 1. Add to cart Request:

**Method:** Post

**Purpose:** Adding products/gifts to cart by a specific user

**URL:** Request: [https://africangift.com/index.php?add\\_to\\_cart=product\\_id](https://africangift.com/index.php?add_to_cart=product_id)

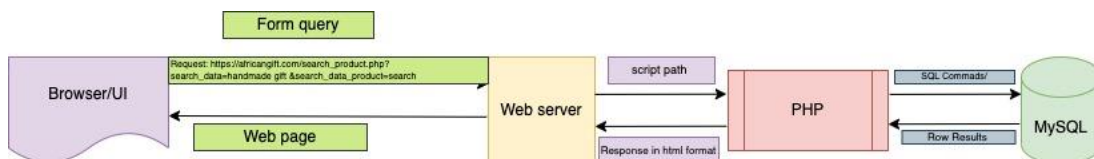


## 2. Searching Products:

**Method:** GET

**URL:** Request: [https://africangift.com/search\\_product.php?search\\_data=handmade&search\\_data\\_product=search](https://africangift.com/search_product.php?search_data=handmade&search_data_product=search)

**Purpose:** To let users search products on the webapp. This should return items that are sold on the webapp regardless of their availability. If they are not available it should give availability status on the GET response or result.



### ▼ General

**Request URL:** http://localhost/e-commerce/search\_product.php?search\_data=Handmade+Arts&search\_data\_product=Search

**Request Method:** GET

**Status Code:** 200 OK

**Remote Address:** [::1]:80

**Referrer Policy:** strict-origin-when-cross-origin

### ▼ Response Headers

[View source](#)

**Connection:** Keep-Alive

**Content-Length:** 5586

**Content-Type:** text/html; charset=UTF-8

**Date:** Wed, 22 Mar 2023 23:05:44 GMT

**Keep-Alive:** timeout=5, max=100

**Server:** Apache/2.4.53 (Unix) OpenSSL/1.1.1o PHP/8.1.6 mod\_perl/2.0.12 Perl/v5.34.1

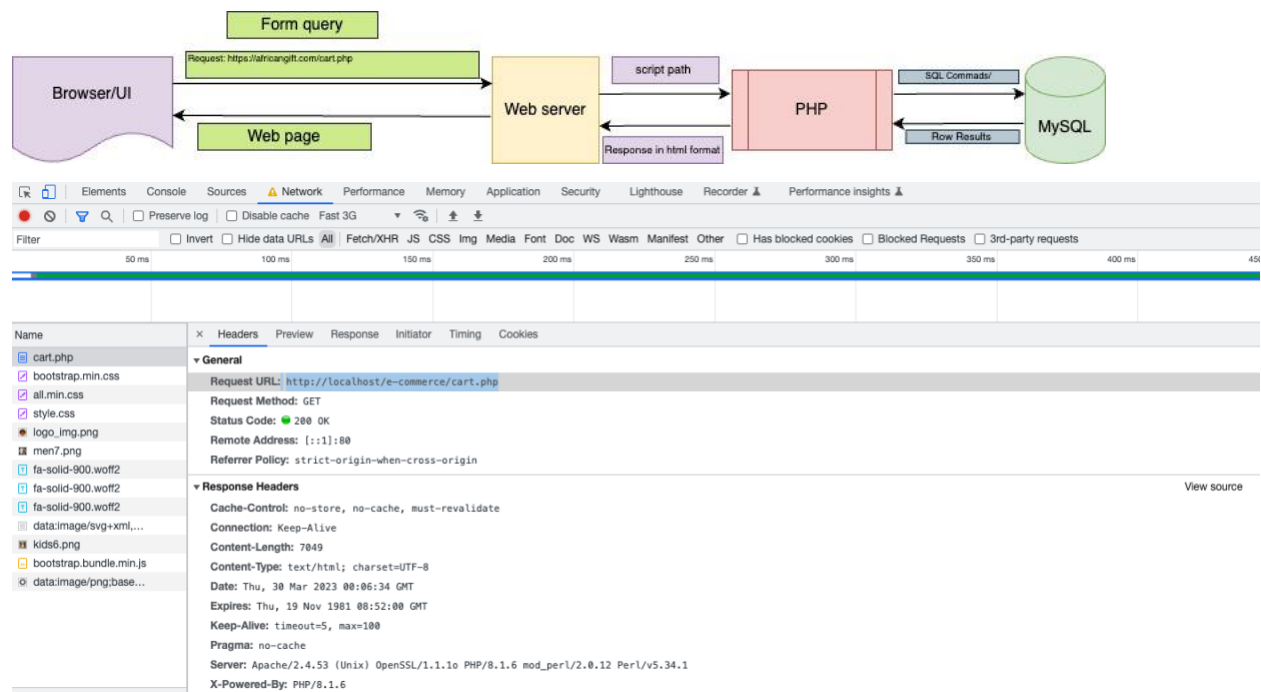
**X-Powered-By:** PHP/8.1.6

## 3.View Cart:

**Method:** GET

**URL:** Request: https://africangift.com/cart.php

**Purpose:** To view products added to cart.

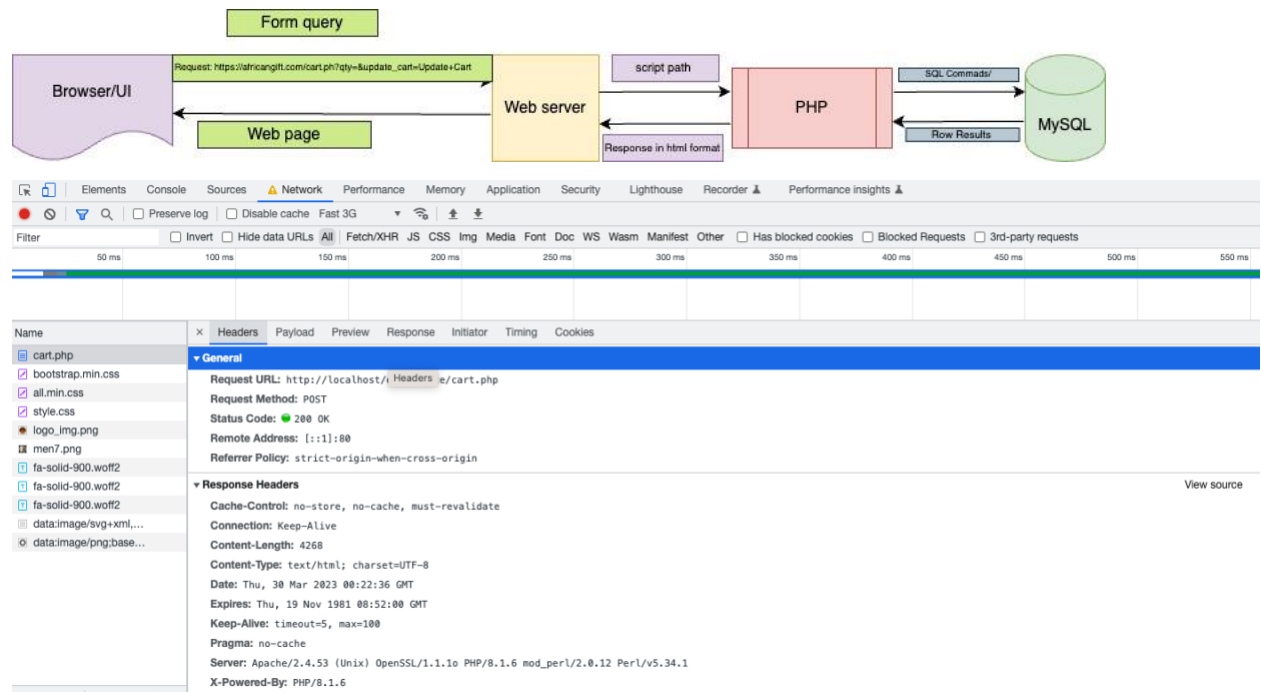


#### 4.Update product quantity.

**Method:** POST

**URL:** Request: Request: [https://africangift.com/cart.php?qty=&update\\_cart=Update+Cart](https://africangift.com/cart.php?qty=&update_cart=Update+Cart)

**Purpose:** To update product quantity.

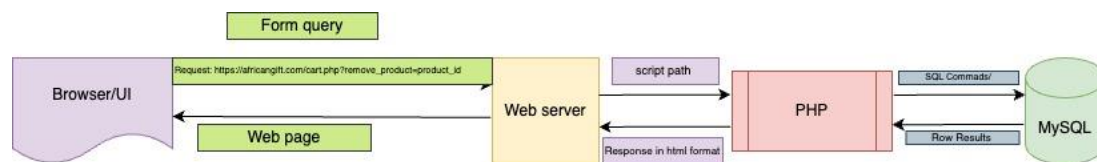


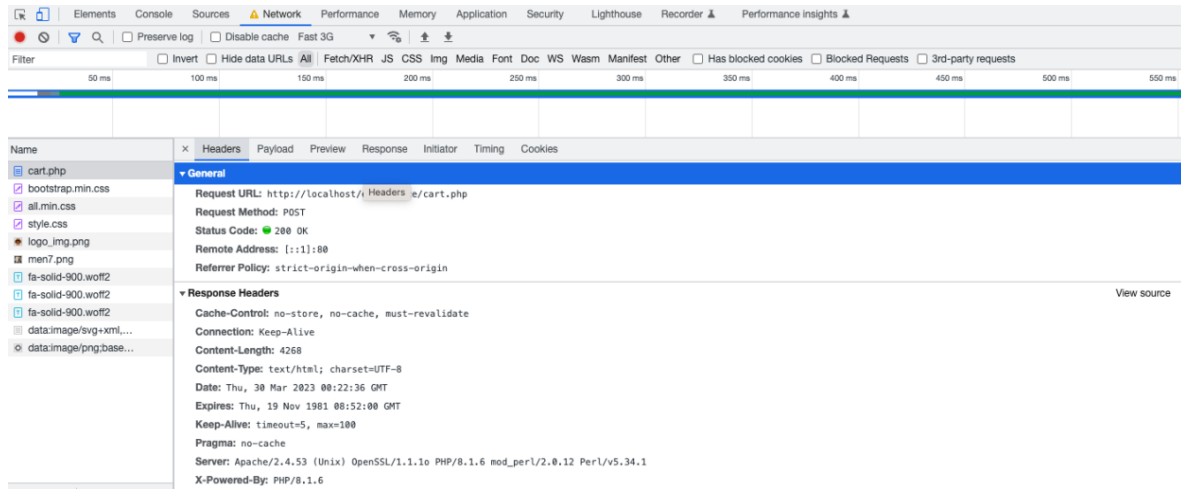
#### 4.Remove product from cart.

**Method:** POST

**URL:** Request: [https://africangift.com/cart.php?remove\\_product=product\\_id](https://africangift.com/cart.php?remove_product=product_id)

**Purpose:** To remove product from cart



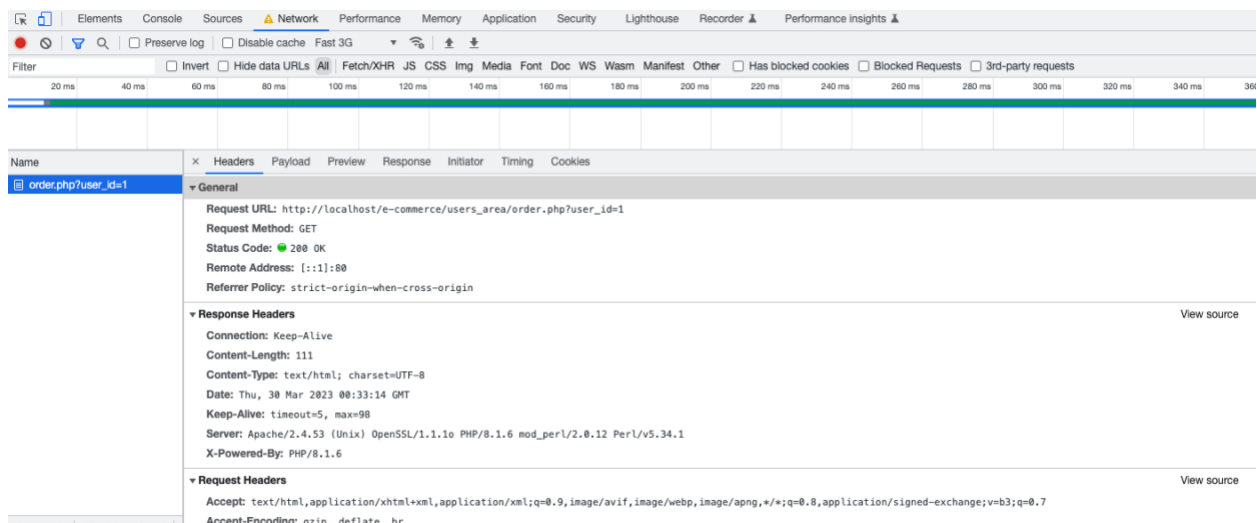
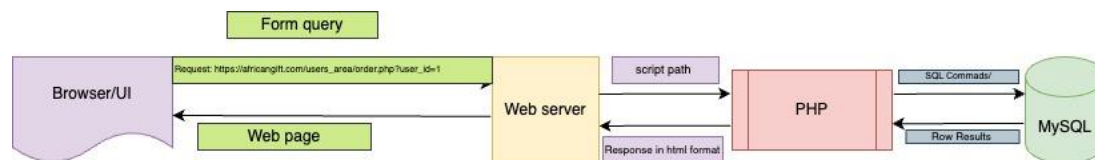


## 5. Pay or checkout

**Method:** POST

**URL:** Request: [https://africangift.com/users\\_area/order.php?user\\_id=1](https://africangift.com/users_area/order.php?user_id=1)

**Purpose:** To make Payment

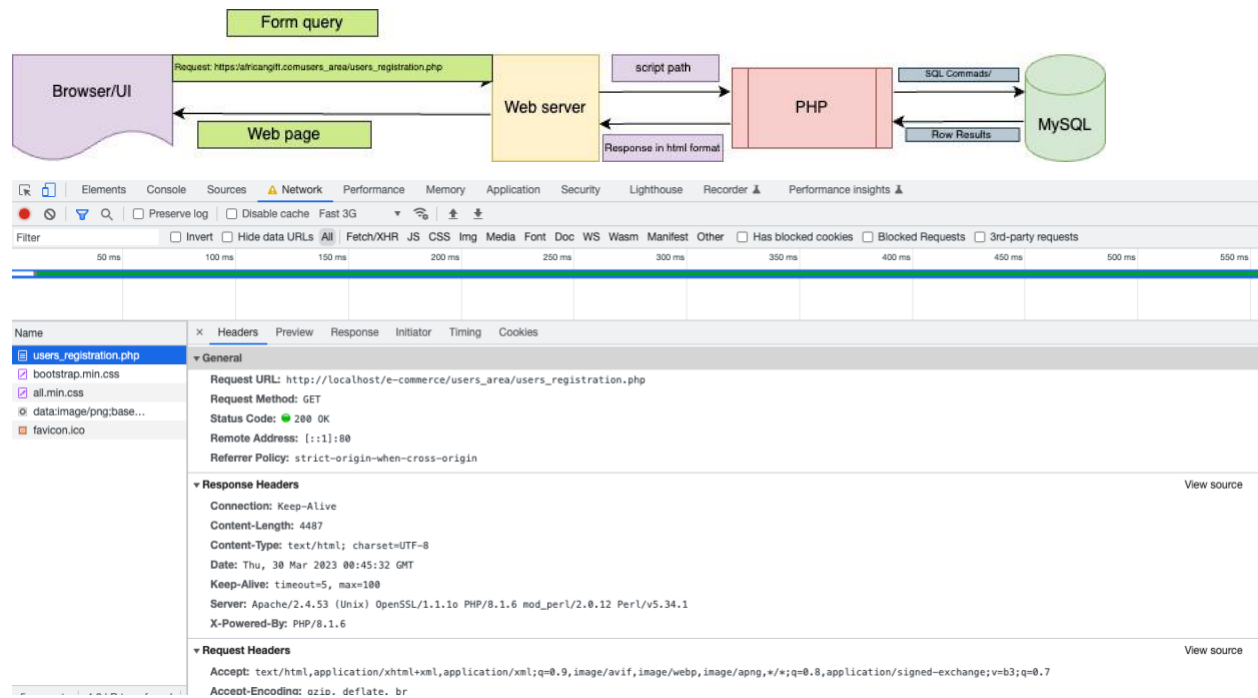


## 6. Register user

**Method:** POST

**URL:** Request: [https://africangift.com/users\\_area/users\\_registration.php](https://africangift.com/users_area/users_registration.php)

**Purpose:** user sign up or registration

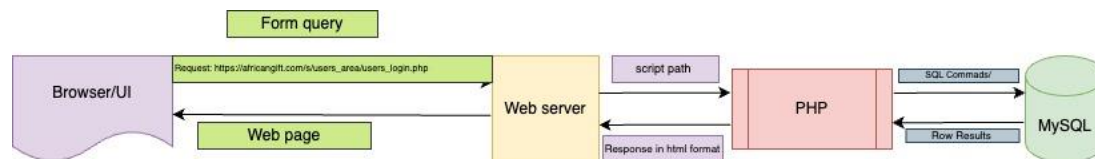


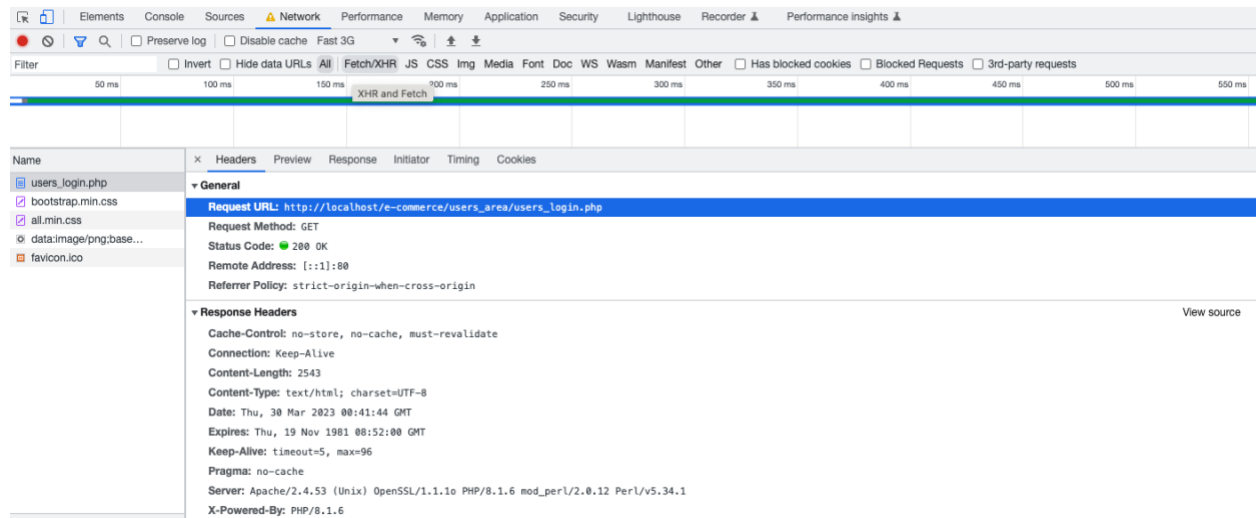
## 7. Login

**Method:** POST

**URL:** Request: [https://africangift.com/users\\_area/users\\_login.php](https://africangift.com/users_area/users_login.php)

**Purpose:** Registered user login.





## 8. Logout

**Method:** POST

**URL:** Request: [https://africangift.com/users\\_area/logout.php](https://africangift.com/users_area/logout.php)

**Purpose:** Logout after signing in.

