***African Online Gift Store***

**Database Design**

**Milkias Haile**

**25Th 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.

Diagram

Description automatically generated

**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>

Diagram

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

1. **Searching Products:**

**Method**: GET

**URL**: Request: https://africangift.com/search\_product.php?search\_data=handmad Arts &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.

Diagram

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**3.View Cart:**

**Method**: GET

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

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

Diagram

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**4.Update product quantity.**

**Method**: POST

**URL**: Request: Request: https://africangift.com/cart.ph?qty=&update\_cart=Update+Cart

**Purpose**: To update product quantity.

Diagram

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**4.Remove product from cart.**

**Method**: POST

**URL**: Request: https://africangift.com/cart.php?remove\_product=product\_id

**Purpose**: To remove product from cart

Diagram

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**5. Pay**

**Method**: POST

**URL**: Request: https://africangift.com/users\_area/order.php?user\_id=1

**Purpose**: To make Payment

Diagram

Description automatically generated

Graphical user interface, application

Description automatically generated

**6. Register user**

**Method**: POST

**URL**: Request: https://africangift.com/users\_area/users\_login.php

**Purpose**: user registration

Diagram

Description automatically generated

**Graphical user interface, text, application

Description automatically generated**

**7. Login**

**Method**: POST

**URL**: Request: https://africangift.com/users\_area/users\_login.php

**Purpose**: Registered user login.

Diagram

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**8. Logout**

**Method**: POST

**URL**: Request: https://africangift.com/users\_area/logout.php

**Purpose**: Logout after signing in.

Diagram

Description automatically generated

Graphical user interface, application

Description automatically generated