**DESIGN AND IMPLEMENTATION OF AN ORDER REVIEW E-COMMERCE SYSTEM WITH PAYMENT ON DELIVERY SUPPORT**

BY

**OKEREKE** CHIMEMEZIEM DANIEL

BU/23A/IT/8106

The Faculty of Computing & Applied Sciences

BAZE UNIVERSITY

ABUJA

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**DESIGN AND IMPLEMENTATION OF AN ORDER REVIEW E-COMMERCE SYSTEM WITH PAYMENT ON DELIVERY SUPPORT**

Thesis Submitted in Partial Fulfillment of the Requirement for the Degree of

B. Sc.

In

Computer Science [INFORMATION SYSTEM MANAGEMENT]

By

**OKEREKE** CHIMEMEZIEM DANIEL

To

*The Faculty of Computing & Applied Sciences*

Baze University, Abuja

SEPTEMBER, 2025

**DECLARATION**

This is to certify that this project entitled **Design And Implementation Of An Order Review E-Commerce System With Payment On Delivery Support**, which is submitted by **Okereke Chimemeziem Daniel** in partial fulfilment of the requirement for the award of degree for B.Sc. in Information System Management to the Department of Computer Science, Baze University Abuja, Nigeria, comprises of only my original work and due acknowledgement has been made in the text to all other materials used.

Date: 09/ 2025 Okereke Chimemeziem Daniel:

**APPROVED BY** ……………………………

**Head**

Department of Computer Science

**CERTIFICATION**

This is to certify that this project entitled **Design And Implementation Of An Order Review E-Commerce System With Payment On Delivery Support**, which is submitted by **Okereke Chimemeziem Daniel** in partial fulfilment of the requirement for the award of degree for B.Sc. in Information Technology to the Department of Computer Science, Baze University Abuja, Nigeria is a record of the candidate’s own work carried out by the candidate under my/our supervision. The matter embodied in this project is original and has not been submitted for the award of any other degree.

Date: Supervisor: Dr. Usman Abubakar

**APPROVAL**

This is to certify that the research work, **Design And Implementation Of An Order Review E-Commerce System With Payment On Delivery Support** and the subsequent preparation by **Okereke Chimemeziem Daniel** with **BU/23A/IT/8106** has been approved by the Department of Computer Science, Faculty of Computing and Applied Science, Baze University, Abuja, Nigeria.

By

Dr Usman Abubakar Date/Sign

Supervisor

Dr Abubakar Idris Usman Date/Sign

Head, Department of Compuer Sciences

Prof Rufai Aliyu Yauri Date/Sign

Dean, Faculty of Computing and Applied Science

External Examiner Date/Sign

**DEDICATION**

[This is the dedication page.]

**ABSTRACT**

[The abstract provides a clear summary of the project, indicating both content and tone of the project. An abstract includes the method(s) used to analyze the problem, a brief description of the research design, a listing of the key results, a brief description of the significance of the results, selected key conclusions. First-person narrative should not be used in the abstract.]

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**LIST OF ABBREVIATIONS**

# CHAPTER FOUR

# RESULTS AND DISCUSSION

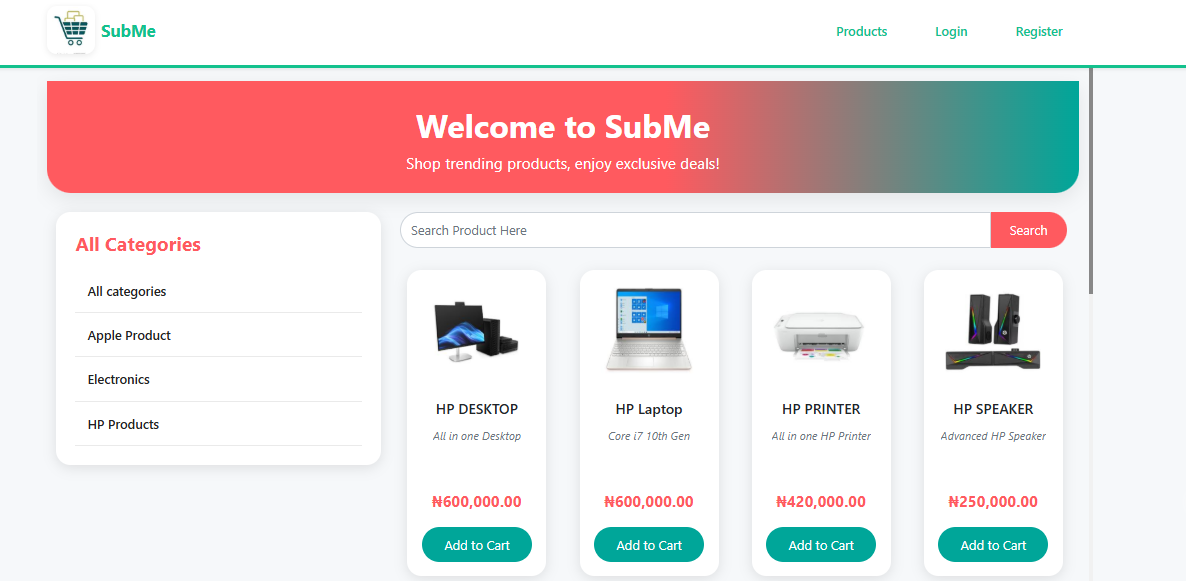
## 4.1 Design and Implementation Results

This section presents the design and implementation of Subme online application for making orders online.

## 4.2 Homepage

The homepage for the design subme consists of the following features; Products, Cart, My Orders, register, all categories and the Search tabs, as presented in Figure 4.1.

The functions of each of these tabs are hereby explained in the succeeding subsections that follows.

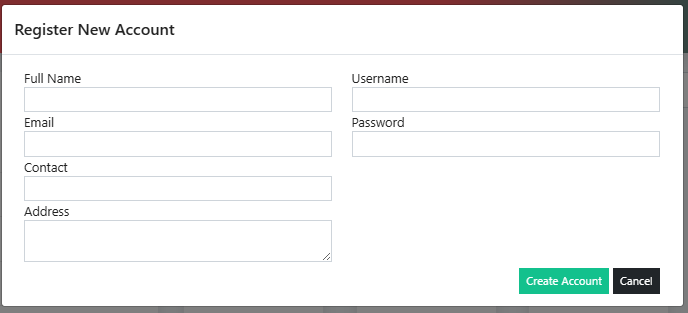


**Figure 4.1** Homepage

## 4.2 The Register Tab

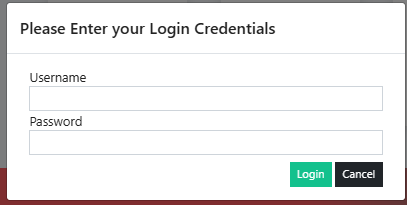
The register tab presented in Figure 4.2, enables new clients/user who will like to make use of the Subme platform for purchase to register first, thereafter, the client/user can explore the full features of Subme.

New client/user need to provide the following details to register on the Subme platform; full name, username, email, password, contact and address. Thereafter, the new client/user can click on create account for such client/user to become active.



**Figure 4.2** Register Tab

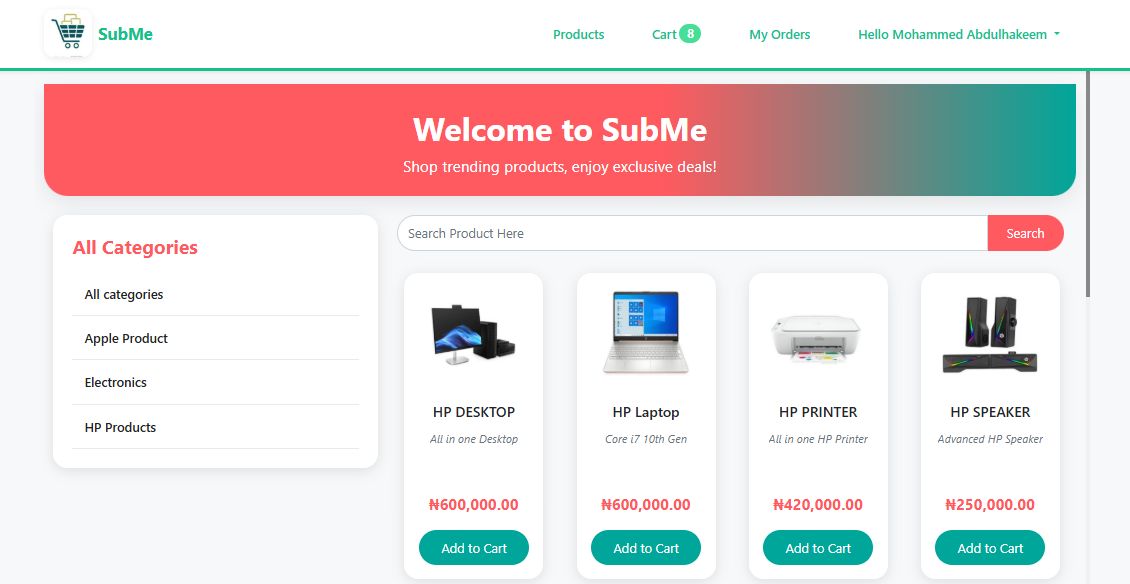
A successful registered client/user will now need to provide login details before he/she can now login to Subme platform, Figure 4.3 presents the interface credential Login page for client/user to provide login details, such as username and password before the client/user can now click on Login to get access.



**Figure 4.3** Credential Login Page

## 4.3 Login Welcome Page

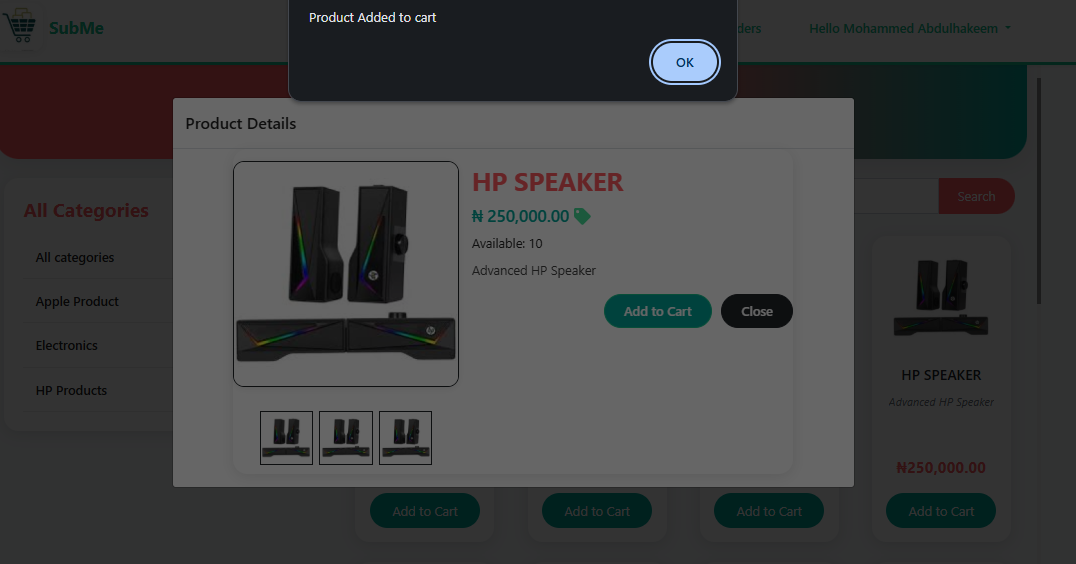
The Login Welcome page presented in Figure 4.4, compose of the following features; the registered tab now changed to the name of the registered new client/user with the “Hello” word attached to the client/user name. The client/user can now have access to view, select, add and make order of products.



**Figure 4.4** Login Welcome Page

### 4.3.1 Add to cart

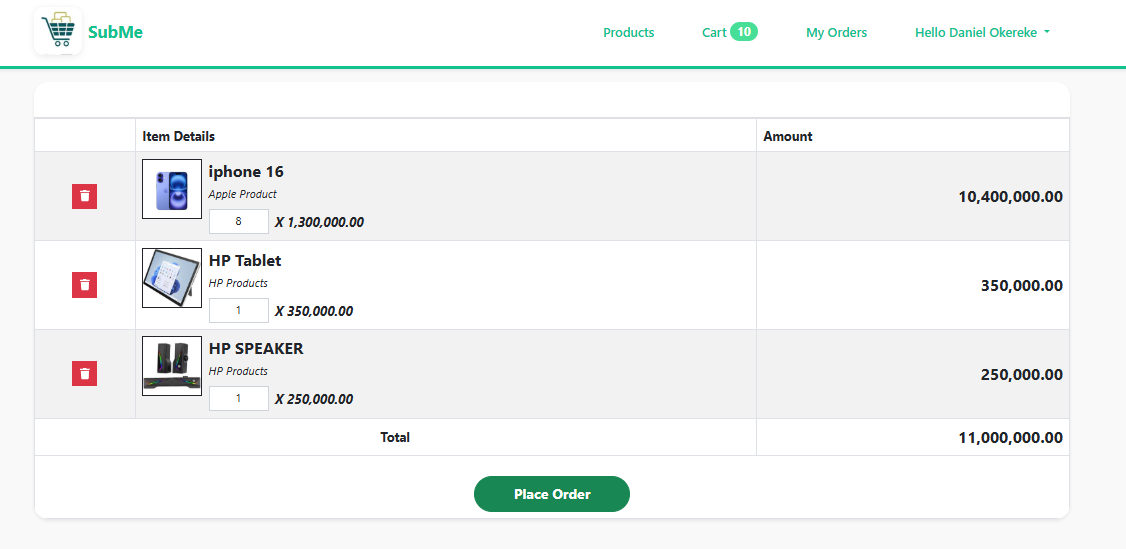
The Add to Cart is a feature that enable registered client/user to select product(s) of choose and add to cart, for forward onward delivery. In this interface, product name can be view, alongside the specification as well as the cost. After the registered client/user click on Add to Cart, a confirmation popup appears and then the registered client/user can click on ok. Figure 4.5 present the Add to Cart interface.



**Figure 4.5** Add to Cart Interface

### 4.3.2 Cart Interface

The Cart interface presented in Figure 4.6 is the feature that shows product(s) that have been selected and added to the cart by the registered client/user. The number of products ordered can be seen displayed at the Cart tab, of which from the Figure 4.6, it can be seen as 1, the amount of the product can also be seen. The registered client/user can now proceed to click on checkout, which servs as the final confirmation of the ordered product, registered client/user still have the option of deleting the product using the delete icon tab, if such client/user no longer wish to proceed with the ordered product.

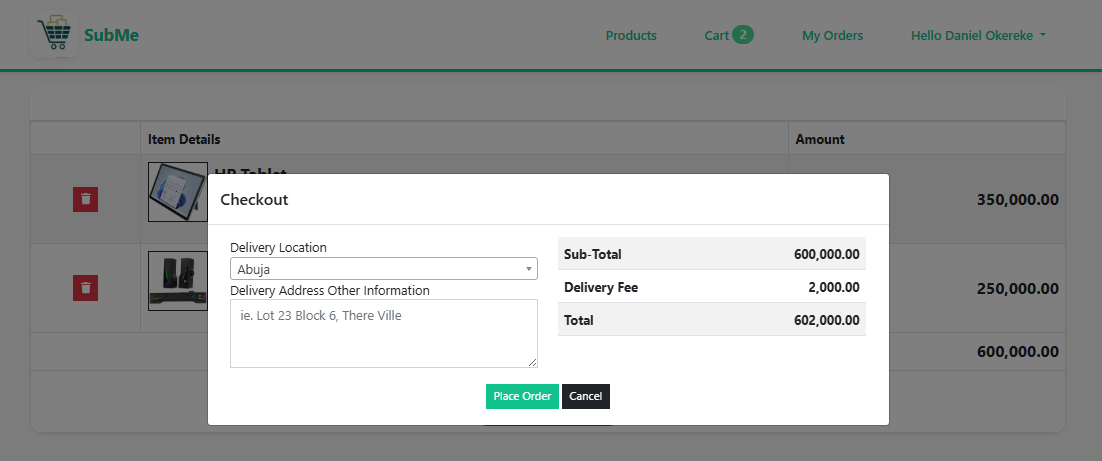


**Figure 4.6** Add to Cart interface

### **4.3.3** Checkout Interface

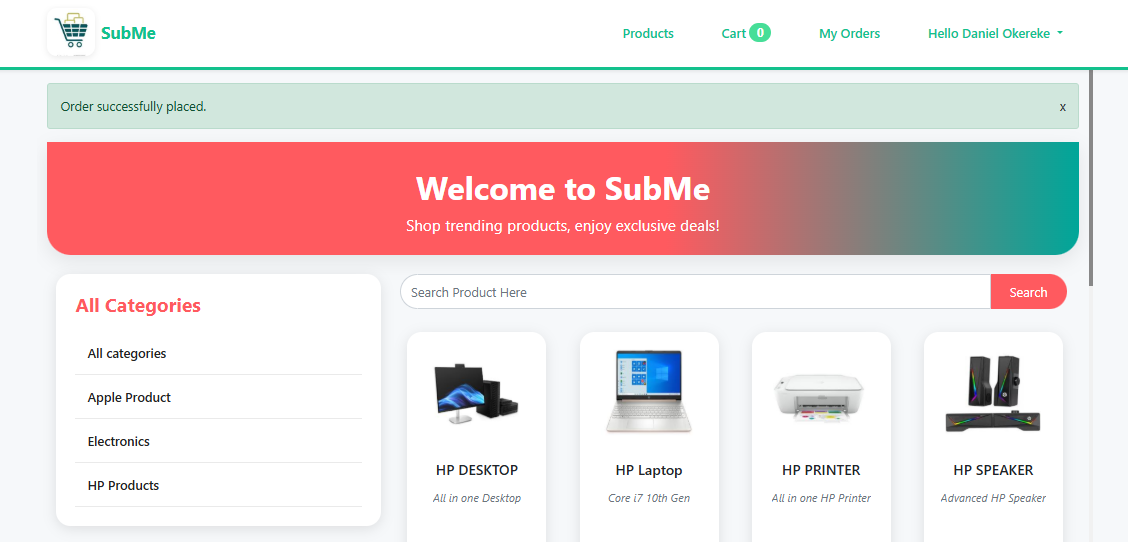
The Checkout interface precede the Cart interface have the features of Delivery Location, from which the registered client/user can select where the ordered product can be delivered, and then the Delivery Address Other Information which is the detailed point of locating the registered client/user.

Thereafter, the registered client/user can now click on Place Order or Cancel tab to conclude the Checkout process.



**Figure 4.7** Checkout Interface

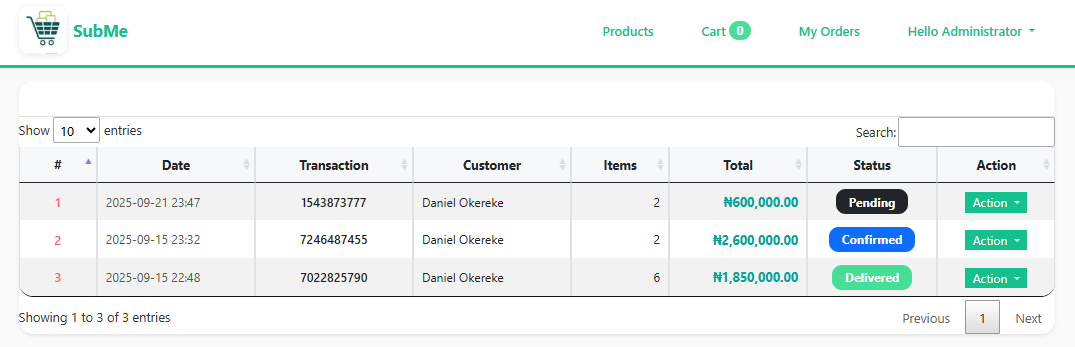
A successful checkout will lead the registered client/user to the next page “Order successfully placed.” as presented in Figure 4.8, and next is the Order List and Order Detail interface.



**Figure 4.8** Order Successfully Placed Interface

## 4.4 Oder List Interface

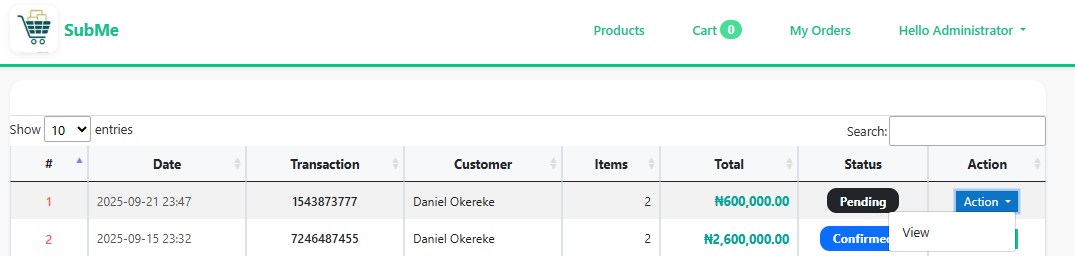
The Order List interface gives the registered client/user a preview of product ordered with details like DateTime Created, Transaction Pode, Customer Name, Items, Total Amount, Status and Action. Giving information about when product order was initiated, the transaction identification number, the registered client/user name, number of products ordered, summary of the product cost, the delivery state and the action which enable the ordered detail view respectively. Figure 4.9 present the Order List interface.



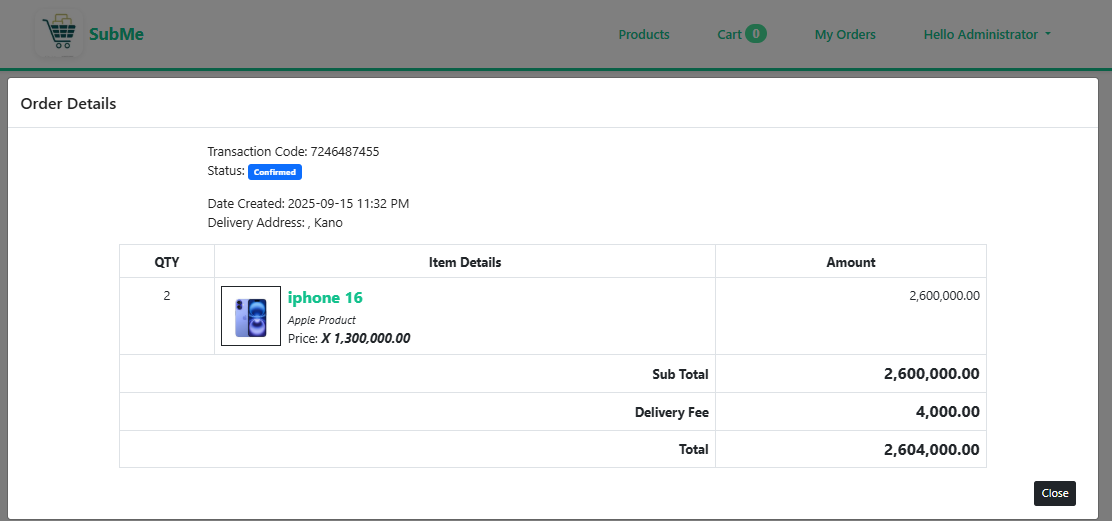
**Figure 4.9** Order List Interface

### 4.4.1 The Action Tab

The Action tab which has the View dropdown feature as presented in Figure 10, gives access to the registered client/user full summary of the product (Order Details) been ordered such as the Transaction Pode, the Status, Date Created and Delivery Address as discussed in the preceding subsections. Other information that can be seen are the Quantity (QTY) of ordered product, the specification (Item Details) as well as the cost of the product ordered (Amount). Figure 4.11 depicts the View dropdown detail from the Action tab.



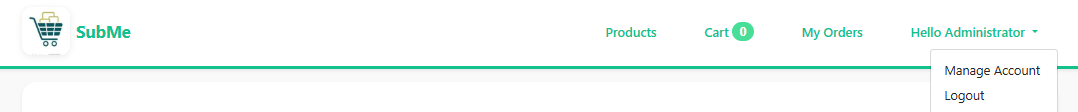
**Figure 4.10 T**he Action Tab



**Figure 4.11** The View Dropdown Detail from the Action Tab.

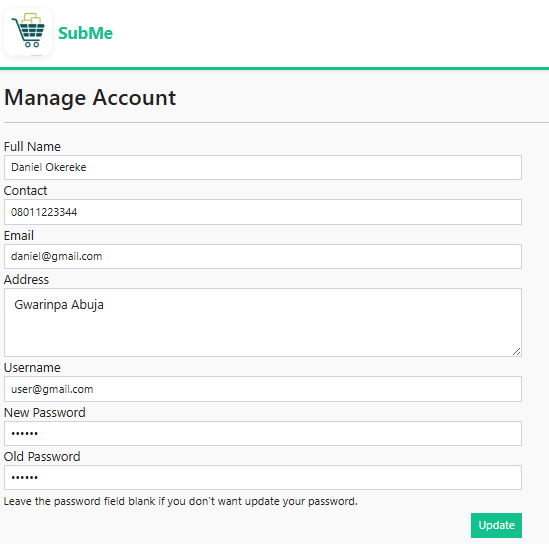
### 4.4.2 Manage Account Tab

The Manage Account Tab Figure 4.12 has the dropdown feature of Logout, that is to exit the Subme platform.



**Figure 4.12** Manage Account Tab

The Manage Account Function allows the registered client/user to update their details such as Full Name, Contact, Email, Address, and Username, as shown in Figure 4.13. The registered client/user can also decide to make changes to his or her password in this interface as well, after all operation are done successfully, the registered client/user can now click on update tab to complete the process of updating his or her information on the Subme platform.



**Figure 4.13** The Manage Account Function Interface

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