Africa Nazarene University

CSC 301 – IS Project

M-Soko Manual

Rupesh Kerai
17S01ABT001

Table of Contents

PROBLEM STATEMENT

During this day and age where working hours have been cut down by the curfew placed by the government due to the Covid-19 Pandemic. Stores and Shops tend to close the same time as business and those individuals that are working do not get enough time to shop for their day to day food requirements. This is therefore a problem to the working-class individuals working in the business sector who do not have the time to go do their shopping. This affect them as they will have to either take a leave from work to go do necessary shopping for their homes and end up buying high amounts of goods to stock up for a long time, this in turn also leading to a problem to the supermarkets as stores as they will run out of stock quickly.So ideal users of the system would be a customer, supermarket employee and administrator.

SOLUTION

There for the problem will be overcome by a system designed for the individuals, so that they are able to place orders of their shopping list within minutes from wherever they are and have them delivered to their preferred location. The system will automatically narrow down the preferred location of delivery and provided the closest stores that have the available products that the individual needs, to be able to conquer long delivery timings.

OBJECTIVES

1. Develop a system that will alow clients to login, select preferred delivery locations and preferred payment methods.
2. The system will allow for customers/clients to make payments online readily available systems after ordering the needed goods.
3. The system will allow for clients to review products and request to return damaged products.
4. The system will allow for users to track their goods from placing order to receiving the goods.
5. The system will allow for administrators to create reports for the increase or decrease in the number of orders over time, and also keep a record of the frequently purchased items.

CHALLENGES

The challenges that I faced when coming up with the system if firstly to start with is how the design of the page should look like. What appearance should my system have and how it should be designed. The solution I came up for that was to go browse for similar systems as mine and see the looks of them and be able to come up with a similar design.

The next challenge faced was the having to come up with a sign up page and login page as I was not sure on how to work with that, but I researched used resources online to come up with a successful working login and sign up page.

The challenge I faced after that was how give access to pages to users that have signed in and how to restrict users to access pages if they have not signed in, it took a while but I figured how to work with session and was able to complete that.

Moreover, I had fed all my product manually coded to the website to display on the webpage and where it got challenging was when I had to display the product in the cart and checkout page and receive the order the products had to be in a database and I haven't worked with databases to know how to deal with that, but I used video tutorial and e-learning sites to counter this problem and solve it.

Furthermore, another challenge I faced was creating a cart and checkout page to work with buttons and to a specific user, this took quite a while to figure as there was no specific way to do it as the resources I used had different structure of code compared to mine therefore I had to learn and improve my code accordingly to accomplish that.

USER SCREEN WALKTHROUGH
Sitemap

```
                                    ┌──────────┐
                                    │  M-SOKO  │
                                    └────┬─────┘
   ┌──────────┬──────────────┬──────────┼──────────────┬──────────────┐
┌──────────┐ ┌──────────┐ ┌──────────┐ ┌──────────┐ ┌──────────┐
│Index.html│ │About.html│ │Contact.html│ │ Login.php│ │Signup.php│
└──────────┘ └──────────┘ └──────────┘ └────┬─────┘ └────┬─────┘
   ┌──────────┬──────────────┬──────────┘
┌──────────┐ ┌──────────┐ ┌──────────┐ ┌──────────┐
│Index.php │ │About.php │ │Contact.php│ │Shop.php  │
└──────────┘ └──────────┘ └──────────┘ └────┬─────┘
   ┌──────────┬──────────┬──────────┬──────────┬──────────┐
┌────────┐ ┌────────┐ ┌────────┐ ┌────────┐ ┌────────┐ ┌────────┐
│Bread.php│ │Drinks.php│ │Snaks.php│ │Candy.php│ │Credit.php│ │Cart.php│
└────────┘ └────────┘ └────────┘ └────────┘ └────────┘ └───┬────┘
                                                      ┌──────────┐
                                                      │Checkout.php│
                                                      └──────────┘
```
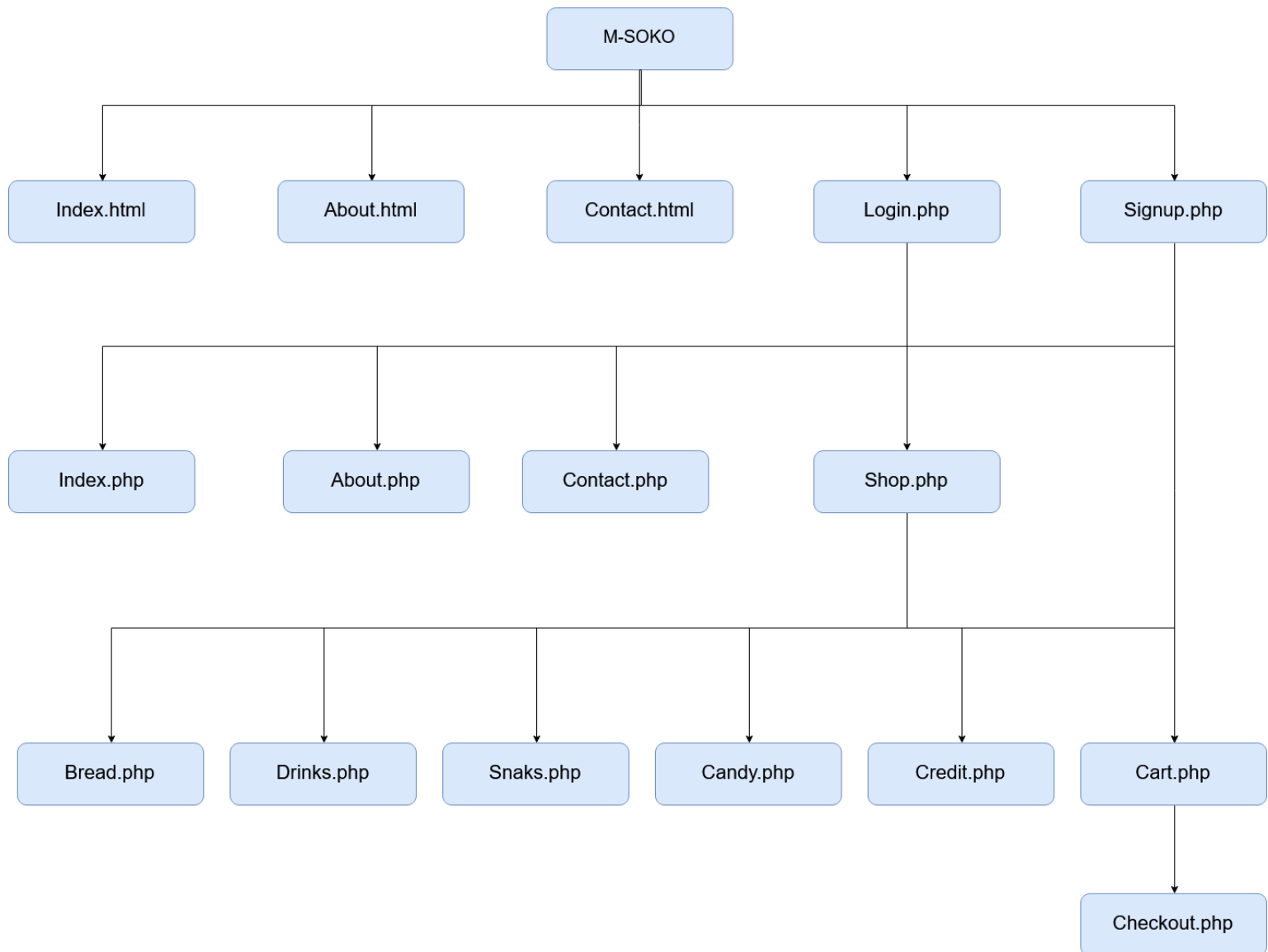
Walkthrough

Once you enter the site you are taken to the landing page which is index.html which then you can access the pages that are mention above such as about.html, contact.html, login.php and signup.php.

Users can only be able to access the shop and the products after they have logged in. Which includes the filtered pages and the shopping cart which then leads to the checkout page. If a user is not logged in then the shop link will take you to the login or signup page which then a user can make an account to access the shop.

The user's data is stored in a database where a script I used to give them access to the pages. Once the user logs in a session I created where the username is displayed on the top bar.

Furthermore, the products are stored in a database where they are displayed to the webpage and once the add to cart button is pressed by the user its added to the cart and a summary is shown in the cart page such as the value of the product and the name and the total amount of all products.

Which then there is a link to the checkout page which the user inputs the payments and delivery address and then the order is placed which is the stored in the orders database.

The orders database is then after accessed by the administrator who can access the details on their admin page/dashboard. The admin page also has a summary of the total users, total orders, the products.

The admin can add products to the database and have access to the user's data which they can delete or edit from the consent of the user. Moreover, the admin can also view the messages from the contact us page which they can reply accordingly.

User Screens

Users Landing Page

Admin Landing Page
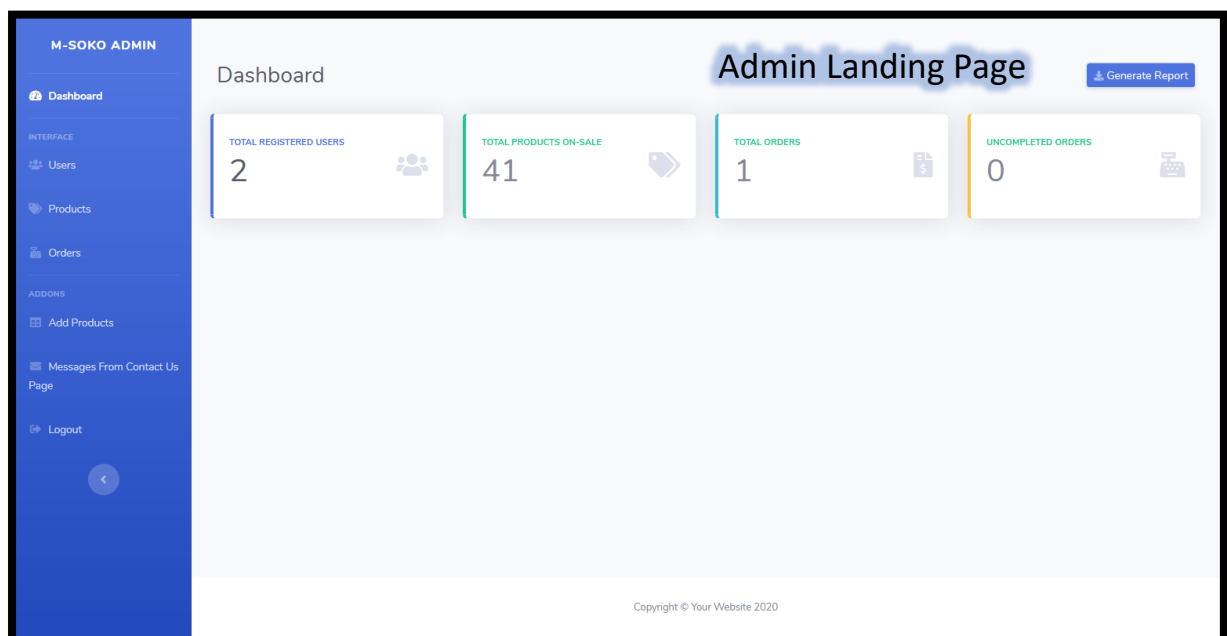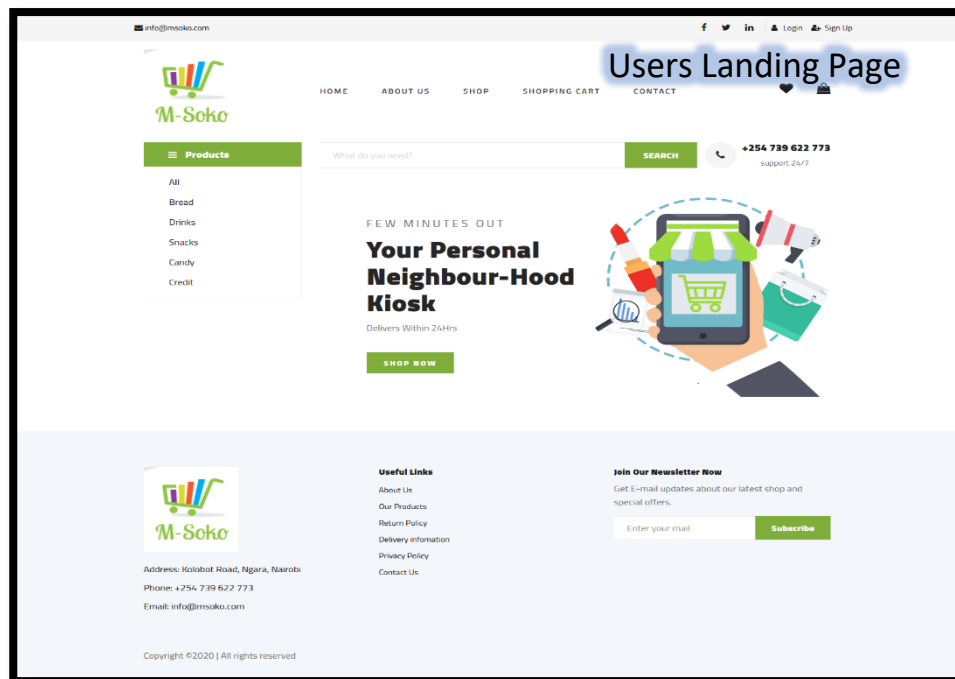
Admin Products Page

M-SOKO ADMIN

🏠 Dashboard

INTERFACE

⚙ Users

🏷 Products

📋 Orders

ADDONS

🖥 Add Products

📧 Messages From Contact Us Page

⏻ Logout

Products

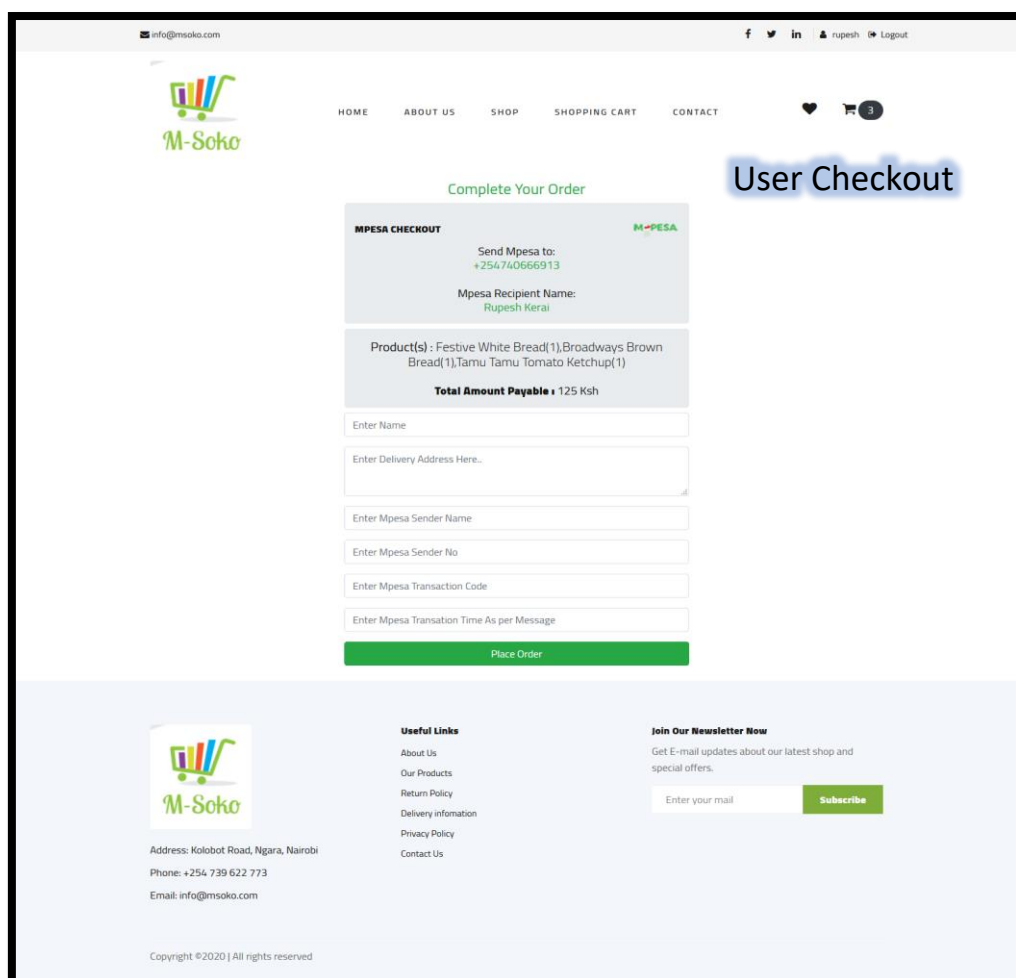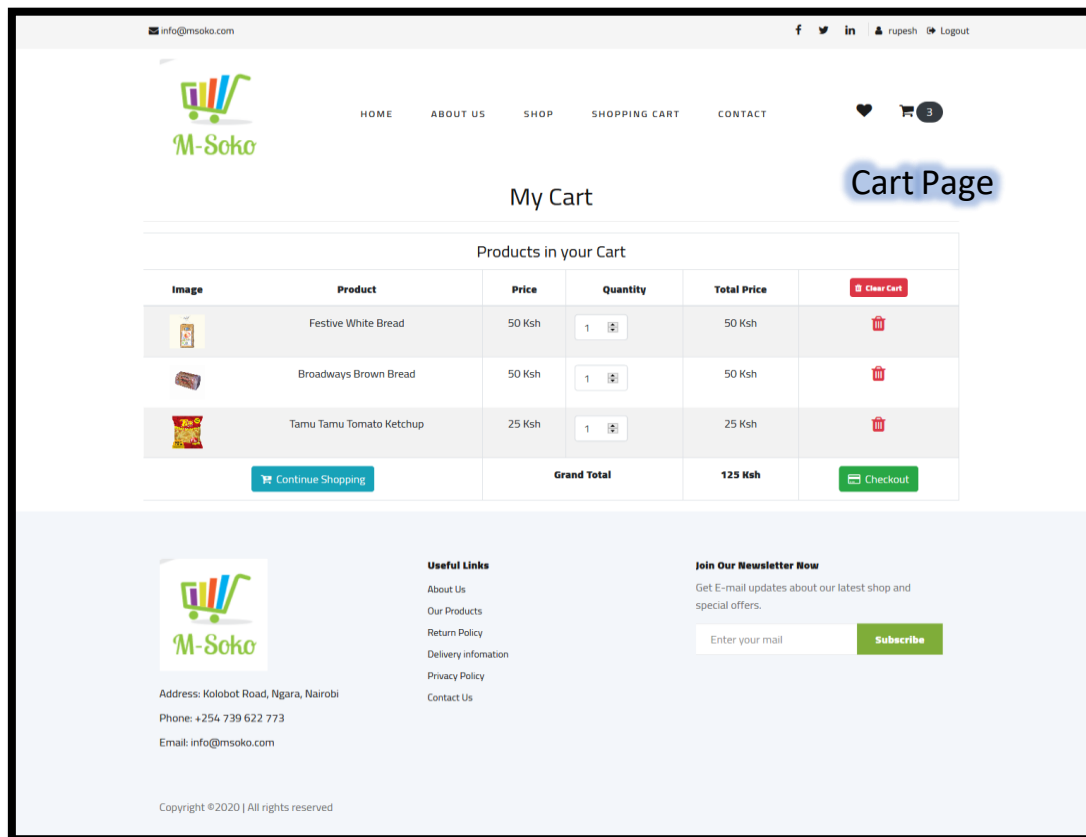| ID	Product Name	Product Price	Product Image	Product Category	Product Code	EDIT	DELETE
1	Festive White Bread	50	./img/festiveW.png	Bread	p001	EDIT	DELETE
2	Festive Brown Bread	50	./img/festiveB.png	Bread	p002	EDIT	DELETE
3	Butter Toast	50	./img/buttertost.png	Bread	p003	EDIT	DELETE
4	Broadways White Bread	50	./img/broadwaysW.png	Bread	p004	EDIT	DELETE
5	Broadways Brown Bread	50	./img/broadwaysB.png	Bread	p005	EDIT	DELETE
6	Fanta Orange 2L	200	./img/fanta-orange-2L.png	Drink	p006	EDIT	DELETE
7	Fanta Orange 500mL	60	./img/fanta-orange-500mL.png	Drink	p007	EDIT	DELETE
8	Fanta Orange 350mL	35	./img/fanta-orange-350mL.png	Drink	p008	EDIT	DELETE
9	Coke 2L	200	./img/Coke-2L.png	Drink	p009	EDIT	DELETE
10	Coke 500mL	60	./img/Coke-500mL.png	Drink	p010	EDIT	DELETE
11	Coke 350mL	35	./img/Coke-350mL.png	Drink	p011	EDIT	DELETE
12	Sprite 2L	200	./img/Sprite-2L.png	Drink	p012	EDIT	DELETE
13	Sprite 500mL	60	./img/Sprite-500mL.png	Drink	p013	EDIT	DELETE
14	Sprite 350mL	35	./img/Sprite-350mL.png	Drink	p014	EDIT	DELETE
15	Krackles Barbeque	40	./img/crips-barbq.png	Snack	p015	EDIT	DELETE
16	Krackles Cheese & Onion	40	./img/crips-cheeseonion.png	Snack	p016	EDIT	DELETE
17	Krackles Bang Bang Chilli	40	./img/crips-chilli.png	Snack	p017	EDIT	DELETE
18	Krackles Perfectly Salted	40	./img/crips-salted.png	Snack	p018	EDIT	DELETE
19	Krackles Tomato	40	./img/crips-tomato.png	Snack	p019	EDIT	DELETE
20	Tamu Tamu Tomato Ketchup	25	./img/Tamu-Tamu-Tomato.png	Snack	p020	EDIT	DELETE
21	Tamu Tamu Tutti Fruity	25	./img/Tamu-Tamu-Tutti.png	Snack	p021	EDIT	DELETE
22	Ginger Snap Biscuits	100	./img/ginger.png	Snack	p022	EDIT	DELETE
23	Nice Biscuits	100	./img/nice.png	Snack	p023	EDIT	DELETE
24	Manji Digestive Biscuits	120	./img/digestive.png	Snack	p024	EDIT	DELETE
25	Nuvita Biscuits	30	./img/nuvita.png	Snack	p025	EDIT	DELETE
26	KSL Tropical Mint	10	./img/ksl.png	Candy	p026	EDIT	DELETE
27	Gomba	10	./img/gomba.png	Candy	p027	EDIT	DELETE
28	Big G	10	./img/bigG.png	Candy	p028	EDIT	DELETE
29	Juicy Fruit	15	./img/juicy.png	Candy	p029	EDIT	DELETE
30	PK	15	./img/pk.png	Candy	p030	EDIT	DELETE
31	Chupa Chups	10	./img/chupa-chups.png	Candy	p031	EDIT	DELETE
32	Airtel Airtime 50bob	50	./img/airtel50.png	Credit	p032	EDIT	DELETE
33	Safaricom Airtime 50bob	50	./img/safcom50.png	Credit	p033	EDIT	DELETE
34	Airtel Airtime 100bob	100	./img/airtel100.png	Credit	p034	EDIT	DELETE
35	Safaricom Airtime 100bob	100	./img/safcom100.png	Credit	p035	EDIT	DELETE
36	Airtel Airtime 250bob	250	./img/airtel250.png	Credit	p036	EDIT	DELETE
37	Safaricom Airtime 250bob	250	./img/safcom250.png	Credit	p037	EDIT	DELETE
38	Airtel Airtime 500bob	500	./img/airtel500.png	Credit	p038	EDIT	DELETE
39	Safaricom Airtime 500bob	500	./img/safcom500.png	Credit	p039	EDIT	DELETE
40	Airtel Airtime 1000bob	1000	./img/airtel1000.png	Credit	p040	EDIT	DELETE
41	Safaricom Airtime 1000bob	1000	./img/safcom1000.png	Credit	p041	EDIT	DELETE

Copyright © Your Website 2020

User Shop Page

Cart Page

User Checkout

Admin Orders Page

Admin Contact Messages Page

Admin Add Products Page