

REPUBLIC OF CAMEROON REPUBLIQUE DE CAMEROUN

PEACE - WORK - FATHERLAND PAIX - TRAVAUX - PATRIX

**INTERNET PROGRAMMING AND MOBILE PROGRAMMING TASK 2 AND 3**

**PROJECT TEAM**

| **LEWIS TEM BUEH** | **FE20A057** |
| --- | --- |
| **MOFAKO BELTUS** | **FE20A065** |
| **MUKOH PRINCEWILL AJECK** | **FE20A068** |
| **EYAAN ZEEYAN ANTHONY JONATHAN** | **FE19A033** |
| **NGULEFAC FOLEFAC FOBELLA** | **FE19A081** |

**DESIGN AND IMPLEMENTATION OF A MARKET MANAGEMENT SYSTEM**

**SYSTEM OVERVIEW**

We are to implement a market management system where customers can review the prices of certain items in the market, their availability , location and quantity. And sellers can display their products, prices, location and availability in the market. This system makes buyers aware of products and related information before going to the market and creates publicity for sellers which attracts customers right to their shades.

**PROJECT PURPOSE**

The purpose of this project is to design an implement market management system which brings awareness to customers the availability, price and location of products before they go to get it at the market and to sellers publicity which attracts customers almost effortlessly to their shades.

**PROJECT OBJECTIVE**

The objective of this project is mainly to bring awareness to customers about product projects before going to the market and also bring publicity to sellers.

**FUNCTIONAL REQUIREMENTS**

* System should be able to register and delete user accounts
* Enable Users(Sellers) to post and update information about products such as price, location, availability\_status, quantity and picture.
* Enable users(Buyers) review product information of products available in the market
* Allow admins to manage user accounts, user information and activities
* Should have a DBMS to store and manage product information

**NON FUNCTIONAL REQUIREMENTS**

* System should be able to verify the authenticity and identity of users(KYC)
* Should be scalable to support large number of users
* Should have cross platform compatibility
* Should record, monitor and log user activities
* Should restrict access to authorised users only
* Should protect personal data.

**POSSIBLE FEATURES**

* Enable a searching and sorting feature which will help find and sort products by name, price, location and availability.
* Want list which will contain list of recommended products for sellers to add to market based demand ( poll results from users)
* Login for customers, sellers and admins
* Friendly user interface

**STAKEHOLDERS AND ROLES**

* Sellers: They interact often with the system. Their role is to manage product inventory and details.
* BUyers: Also often interacts with the system. Their role is to review products and get shade location.
* Market\_sys Admin: whose role is to manage users, user information and activities