**TJ ART TECH**

**Software Development, Web-Designing, Computer Equipment Sales & Repair**

**Computer Training, Computer Accessories, IT Consultant, General Contractor.**

July 7th, 2020

Director General

Central Medical Store

Ekiti State University Teaching Hospital

Ado-Ekiti

Dear sir,

**PROPOSAL FOR SOFTWARE DEVELOPMENT**

Sir, we wish to notify you and request your approval on our intent to develop Store Management System with high integrated report management portal to all concerned departments in your MDA.

Our company has deemed it fit to come up with a solution that will manage store management system.

Attach herewith is our proposal details and all the functionalities of the software.

We hope our proposal will be favourably considered.

……………………………………………

**For TJARTS Technologies**

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**LAGOS OFFICE: 38, Odunsami Street, Behind Excellence Hotel, Ogba, Lagos State.**

**Tel: 08034429423, 08034421038**

**A PROPOSAL**

**PRESENTED TO THE**

**CENTRAL MEDICAL STORE EKSUTH ADO EKITI**

****

**ON**

**WEB-BASED MEDICAL STORE MANAGEMENT SYSTEM**

**OFFLINE/ONLINE VERSION, MSM 2.0**

***BY***

**TJ HART TECHNOLOGIES**

***January 14th, 2020***

**TABLE OF CONTENT**

Cover Lever 1

Title Page 2

Table of Content 3

1.0 Introduction 4

2.0 Aim and Objective 4

3.0 Methodology 5

4.0 The Project Significance 5

5.0 Basic Features of the Application 6

6.0 Other Benefit of the Application. 6

7.0 Project Owner: 8

13.0 Maintenance: 8

14.0 Training: 8

15.0 Deployment phase 9

16.0 Cost Analysis 9

15. Conclusion 10

**1.0 Introduction**

We are going to build a robust web-based store management system. Which we work both offline and online thereby solving the problem of network fluctuations and possible network error that could occur during data processing. Also solve any manual computation.

However, The manual methods being employed suffer a number of set-backs which includes; computational miscalculation and many unavoidable human errors among others are high turnover time for processing, difficult retrieval of data and so on, making the process to be time consuming and prone to error.

**2.0 Aim and Objective**

1. Design a software for managing store online/offline
2. Proper management of Medicine Store
3. Proper Management customer.
4. Report Management System

**3.0 Methodology**

The application will be developed in the form of a database, using a Relational Database Management System (RDBMS). The decision to implement the application in the form of a database was informed by the consideration that various types of data would need to be held, and a database approach would be more appropriate due to the advantages that the database file system has over other forms of file systems.

A database management system permits organizations to efficiently create databases for different applications by database administrators (DBAs) and any of other specialists reiterated that Database management system allows many user applications programs to simultaneously access the same database that is called concurrency.

Basic HTML, CSS, Bootstrap React and JavaScript will be used to create User Interface and to write the codes.

MYSQL (My Structured Query Language), a Relational Database Management System (RDBMS) will be used to create the database tables.

While Personal Home Page Pre-Processor (PHP), a Scripting language will be used to communicate with and manipulate the database.

The primary features of the PHP are that it is object-oriented and a cross platform language. By cross platform, it means that the programs can run across several platforms such as Microsoft Windows, Apple Macintosh, Linux, and so on.

**5.0 Basic Features of the Application**

**Store management system**

1. Stock Management
2. Invoice Management
3. Customer Management
4. Report management System
5. Training of users of the application.

**6.0 Other Benefit of the Application.**

*The entire process will be immensely benefit the Ministry of Education, Science and Technology in the following ways:*

1. Boosting the creditability of the entire Central Medical Store

2. Data Management

3. Information storage is secured both on computer’s memory and on the cloud storage.

4. It saves time and operate more effectively allowing every users to work remotely and user friendly.

5. It reduces human error that could arise during the processing of information

It will encourage student use computer to their own advantage.

**7.0 Project Owner:** Central Medical Store

**8.0 Software Companys: Ebunsoft Technologies**

***Technical Team (Developers)***

1. Yinka Olubunmo - Software Developer
2. Tunji Omogbemile - Software Developer
3. Tolulope Adesola - Software Developer

**Function to be performed by each people**

i. Director General Central Medical Store (Super Admin Access)

* + - * General portal administration
      * Given final approval for operations
      * Frequently double check on activities on the portal
      * Responds to feedback/suggestion from communities
      * Assign/Delegate responsibilities
      * Assign/Delegate responsibilities
      * Report Management
      * Add/Remove Stock

ii. Admin Access

* + - * Manage data and upload data records
      * Add New Invoice
      * Add Medicine
      * Add Customer
      * Coordinates and Organize every activities
      * Print reports on request
      * All administration assigned by the constituted authority.

iii. User

* + - Create Invoice
    - Other assignment as directed by the (Admin)

**13.0 Maintenance**: The server resides with the CMS on localhost and online server respectively, however upgrades will be made available whenever the needs arise.

**14.0 Training**:

Our software is famously easy to use. 1 week before your go-live date we'll come in and do training. Naturally, there will be a few little things which your staff will point out. These are incidentals and will be sorted by the time you go live.

We will always make sure the training will be an interactive conversation with structure rather than a big-room training session feel.

**15.0 Deployment phase**

Our Web-Based Solution will be deployed in Phases

1. Phase 1 :- Installation/Deployment of offline portal store management system
2. Phase 2:- Testing
3. Phase 2 :- Design, Hosting and installation of the project
4. Phase 3 :- Deployment of online portal store management system

**16.0 Cost Analysis**

**Two options will be made available in order to deploy this application.**

**Option A**

|  |  |
| --- | --- |
| **SOLUTION/SERVICES** | **PRICE** |
|  |  |
| Store Management System Software with 1 year Full Support | 1,700,000 |
| Online Domain and Hosting 2years with SSL | 200,000 |
|  |  |