



ONLINE GAS SELLING MANAGEMENT SYSTEM PROPOSAL

Prepared by: FRIDOLIN MPIZA, Tanzania Network and
Software Engineer

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1.0 INTRODUCTION

This is Bi-modal Languages Automated Engineered System developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can make an online Gas Booking wherever He / She is in a such a way that a Gas supplier can distribute a service to the physical location of his customer. Also, a system tend to show the nearby Gas shops depends on the location of the customer. Therefore, a system save the customer's information as a reference for the logistic process to be done by the supplier.

A system designed in a very user friendly mode of interaction where a system user can easy understand as well as using a system without any difficulties or complications in the user manual.

2.0 TECHNOLOGIES USED

A system was developed by using the following technologies to make sure that functionalities tend to operate effectively;

- Cryptographic Algorithms,
- Application Programming Interface (API)
- Security hashes
- JavaScripts (Js) and Cascading Style Sheet (CSS)
- HTML (Hyper Text Mark Up Language)
- Mysql Database

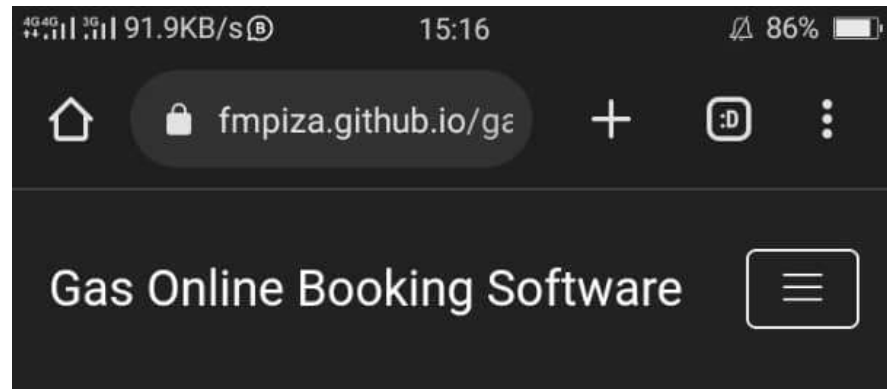
All of these technologies were used to make sure that the whole system is going to undertake the intended functionalities while it is used.

3.0 SYSTEM DASHBOARD



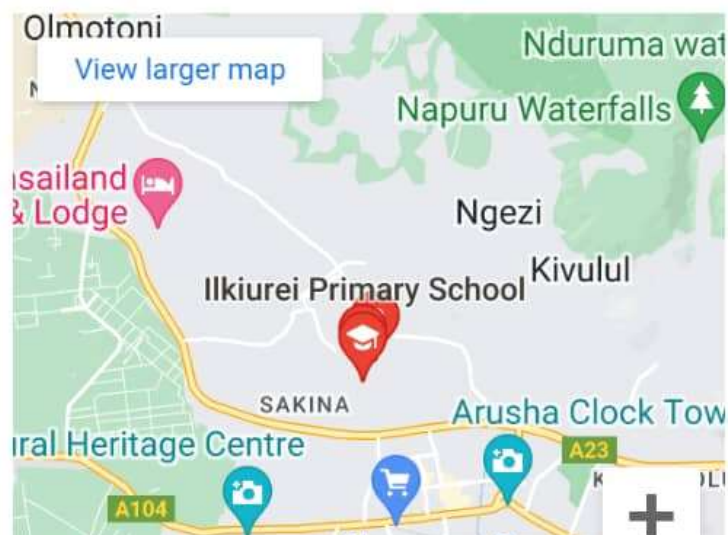
3.1 Locate Nearby Gas Shops

- This is a system section where user can look for all nearby Gas shops depend on his actual physical location. Therefore, he or she can see a Map marked with Gas Shops as Icons to determine here shops are located with corresponding to the real location of customer. It appears as follow



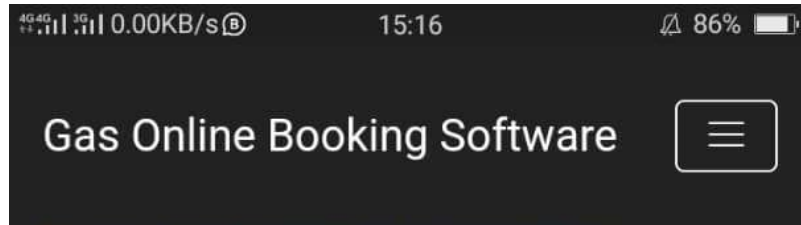
Gas Shops

A system is full accessed to the all available gas shops from the regions wide ranked to the street and house numbers locations corresponding to the required kinds of customers Also, a customer can easily see Map locations of available gas shops for an easy recognition of their nearby available requirement access from the regional wide to street wide ranked as arranged systematically



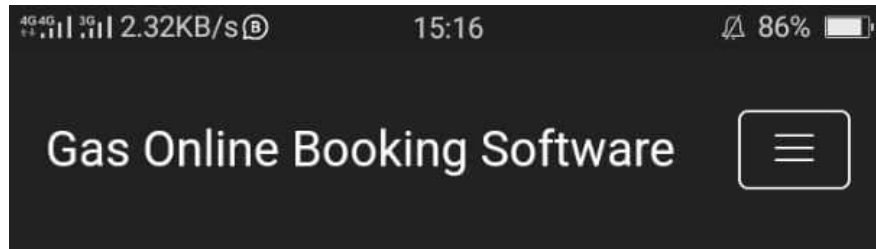
3.2. Customer Registration

- On this section, a system user can make a self-registration in order to complete the process of booking. Here there are some of details that a system user will be required to fill such as a Full name, Phone number, House Number, Amount and a type of service. It appears as follow



3.3. Payment for Service

- On this section, a system user can see different modes of making payment for a service that He/ she needs. Therefore, different payment approaches such as Airtel Money, TigoPesa or HaloPesa can all be used by the customer to make payment for a type of service that He needs. After the payment to be successfully done and received then a customer will see a confirmation message as a proof. It appears as follows



Modes of Payment

- Airtel Money : 0683 168 429, Name : TAIFA GAS
- Tigo Pesa : 0713 826 484, Name : MANJIS GAS
- M-Pesa : 0764 543 811, Name : ORYX GAS

Please Check your Email After Payment and Confirmation of your particulars

4G 4G 3G 0.00KB/s 15:17 85%

Home fmpiza.github.io/gas + :D

Gas Online Booking Software

Select Service ▾

Amount

Street Name

House Number / Owner Name

Confirm

Pages

Gas Shops

Register

3.3. Booking Section

- On this section, a system user can make a Booking for service in a very easy mode of interaction to the system. Therefore, a system user can finalize a process by only clicking a Button to Book for service and then He will receive for a service from the supplier.

4. SOLUTION ONLINE

Eng. Fridolin, will build software by using an advanced technologies in corresponding to the current global development of science and technology as well as by ensuring the high level of security and scalability. Also, it will allow you to do any updates on page content and images once it is launched and it make an easy integration with analytics software to track page and site performance.

5. EXECUTION TIMELINE

- System execution timeline including several task as follow till making sure that the system is complete to operate.

→ Initial Design as per discussion to meet client's needs.

→ Functional Prototype

→ Application development and Complete Testing

6. PROJECT COSTS

| Task | Price (USD) | Price (Tsh) |
|-------------------------|-------------|-------------|
| Initial Invoice | 85 / = | 200,000/= |
| Approved Design Invoice | 128/ = | 300,000/= |
| Final Invoice | 128/ = | 300,000/= |
| TOTAL AMOUNT | 300 USD /= | 800,000/= |