



## **PHONE CALLS HANDLING MANAGEMENT SYSTEM PROPOSAL**

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## **1. INTRODUCTION**

This is an engineered system developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can both make outgoing phone calls and receiving incoming phone calls as well as viewing blocked phone calls by using a computer.

A system enable a user to do all of the mentioned above functionalities at a very low cost. The only thing which is required is to use the lowest normal airtime bundle charges for either making outgoing calls, receiving or viewing the blocked phone calls.

## **2. TECHNOLOGIES USED**

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

- Interactive Voice Response (IVR),
- 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. PRODUCT FEATURES**

### **3.1 System Dashboard**

- A system is very user friendly since it contains impressed features for him/ her to deal with a certain functionality on the dashboard. It appears as follow system is a very user friendly since a system user can easily deal with several functionalities in a scalable and effective ways of implementation. Therefore, a system tends to make an easy functionality option on what service that a system user intended to view or get from the dashboard.
- Also, a system gives an analysis displayed on the dashboard for all outgoing phone calls, incoming calls and blocked phone calls by using the statistical ways of data analysis. It appears as follow



3+

7

Dashboard

Outgoing Calls

Incoming Calls

Blocked Calls

# Phone Calls Handling Management System

Enter phone number

CALL

RECEIVE

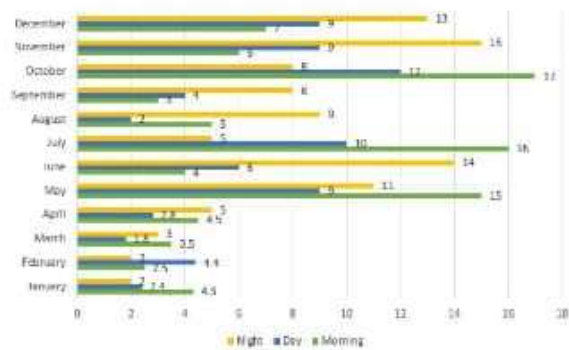
## Outgoing Calls Statistics





- Overall statistics for Outgoing Calls recorded in the system database.

### Incoming Calls Statistics



- Overall statistics for Incoming Calls recorded in the system database.

### Blocked Calls Statistics



- Overall statistics for Blocked Calls recorded in the system database.



### 3.2. Outgoing Calls

- On this section, a system user can make the outbound phone calls to a certain phone number by only typing on the blank space named **“Enter phone number”** on the system dashboard section. Then, he will click on the red button named **“CALL”**. It appears as follow



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Dashboard

Outgoing Calls

Incoming Calls

Blocked Calls

# Phone Calls Handling Management System

Enter phone number

CALL

RECEIVE

## Outgoing Calls Statistics





- 
- Dashboard
-  Outgoing Calls
-  Incoming Calls
-  Blocked Calls

3+ 7

# Phone Calls Handling Management System

## Recorded Outgoing Calls

« 1 2 3 »

- 0769567423
- 0688465741
- 0712354659
- 069282645

### 3.3. Incoming Calls

- Also, a system user is able to receive incoming phone calls made to a certain number by only clicking on the green button named **“RECEIVE”** and then the system user will be able to continue with his dialogue by using a computer. It appears as follow



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Dashboard

Outgoing Calls

Incoming Calls

Blocked Calls

# Phone Calls Handling Management System

Enter phone number

CALL

RECEIVE

## Outgoing Calls Statistics



- Dashboard
- ✉ Outgoing Calls
- ✉ Incoming Calls
- ✉ Blocked Calls

# Phone Calls Handling Management System

## Recorded Incoming Calls

« 1 2 3 »

0683168429

0755483647

0713826484

0672354657



### **3.4. Blocked Calls**

Here a system user can view the several blocked phone calls made to the system where the list of all phone numbers rejected on a certain phone number will appear from the database. It appears as follow

Dashboard

Outgoing Calls

Incoming Calls

Blocked Calls

# Phone Calls Handling Management System

## Recorded Blocked Calls



0712546374

0716475890

0623465732

0712647583

#### 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

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