

# 2018

## COMPANY PROFILE



### FRIDOLIN'S TECHNOLOGY COMPANY

Website | Mobile Application Development |  
Ethical Hacking | Biometrics | Cyber Security |  
ICT Consultation | Computer Forensic |  
Cryptographic Ciphers Coding | Digital Coding  
Algorithm



## COMPANY PROFILE

# Fridolin's Technology Company

Website | Mobile Application Development | Ethical Hacking | Biometrics | Cyber Security | ICT  
Consultation | Computer Forensic | Cryptographic Ciphers Coding | Digital Coding Algorithm

**2018**

## About Us



### Brief on Fridolin's Technology Company

Is a Tanzanian Owned Company established in 2018 under the general supervision of Chief Executive Officer and Founder, namely **Fridolin A. Mpiza (C.E.O)**

The company was first established with a purpose of ensuring the different social challenges can be well solved by using the technological basis in corresponding to the current global development of Science and Technology under the optimal level of expertise.

### Offered Services

The Company offers several services including Website and Mobile Applications Development, Cyber Security, Biometrics, Ethical Hacking, ICT Consultation, Cryptographic Ciphers Coding, Network Configuration, Computer Forensic and

Digital Coding Algorithms under the highest level of expertise.

### Our Motto

The Company offers its services to the customers by only believing in their Motto sentenced as following;

***"We trust in Technology then Technology guides Us"***

### Our Commitment

A Company is committed to offer its services under the consideration of first reaching to the customer's satisfaction and reasons for working with a company at the optimal point of expertise due to the highest reasonable experience on the mentioned services.

## **Our Vision and Mission**



### ***See Our Vision and Mission***

#### ***Our Vision***

The Company offers its services to their customers under the leading vision to be the first global market leader on respectively quoted services by using the highest level of experience and expertise.

#### ***Our Mission***

The Company aimed at providing the best and the highest quality technological services to their customers under the usage and deployment of the highest experienced expertise on the mentioned offered services by the deep thinking and consideration of the best practice and innovation modes of offering the services to their customers.

## Company Summary

***Company Name:***

Fridolin's Technology Company

***Company Type:***

Private Owned Company

***Registered Office Location***

**Country:** Tanzania

**Region:** Arusha

**District:** Arusha

**P.o.Box:** 6990, Arusha

**Website:** [fmpiza.github.io/webfridolin](https://fmpiza.github.io/webfridolin)

**Email:** [fridolinmpiza82@gmail.com](mailto:fridolinmpiza82@gmail.com)

***Mobile Phone Number:***

+255 (0) 683 168 429

+255 (0) 713 826 484

**Skype:** fridolinmpiza82

***Business Activity:***

- Developing and designing Website Applications
- Developing and designing Mobile Applications
- Implementation of Cyber Security activities
- Implementation of Ethical Hacking activities ( Penetration Testing)
- Implementation of Biometric Technologies (Sensors verification and Authorization)
- Cryptographic Ciphers coding
- ICT Consultation
- Implementation of Computer Forensic
- Implementing and structuring of Digital Coding Algorithms

## Management

The Company consist of the Management which tends to accomplish the customer's satisfaction on their offered services including the following;



**Fridolin A. Mpiza** (C.E.O) Chief Executive Officer and Founder,

**Network and Software Engineer**

7+ Years Experienced in Network and Software Engineering.

**Education:** Masters of Science in Information Security (MIS)

**Areas of Specialization:** Network and Software Engineering, Ethical Hacking implementation, Biometrics Technologies, ICT Consultation, Cryptographic Ciphers Coding, Cyber Security and Implementation of Digital Coding Algorithms



**Beatrice Johnson, Marketing Officer**

4+ Years Experienced in Digital Marketing activities.

**Education:** Bachelor Degree in Marketing

**Areas of Specialization:** Implementing the digital Marketing, branding and digital product advertisement with optimal effect

## **Customer Policy**

The Company also use a specified mode of payment to be well considered by their customers in relationship to the offered services as follows;

A Project is guided under three Execution Timelines

- Initial Design as per Discussion to meet client's needs
- Functional Prototype
- Application Development and Complete Testing

## **Solution Online**

The Company 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.

## **Project Cost / Payment Policy**

Also, The Company is guided under several payment criteria / protocols which should be well understood by their customers regarding to the offered services including the following;

- **Initial Invoice** (30% of Total Project Cost should be paid. Including a Start of Project Development)
- **Approved Design Invoice** (Extra 20% of Total Project Cost, Display Project to a Client)
- **Final Invoice** (50% should be paid. Complete Deployment and Client receive a complete project)

<b>Task</b>	<b>Price (USD)</b>	<b>Price (Tsh)</b>
<b>Initial Invoice</b>	XXX /=	XXX /=
<b>Approved Design Invoice</b>	XXX /=	XXX /=
<b>Final Invoice</b>	XXX /=	XXX /=
<b>TOTAL AMOUNT</b>	XXXX USD /=	XXXX /=

## Registration Certificates

## **Company Portfolio (Customer Projects)**

The Company participated in several customer's projects under the consideration of producing the highest quality products to their customers including of all categories of Software programming

( Website Application and Mobile Application Development), Ethical Hacking, Cyber Security, Biometrics Technologies, ICT Consultation, Digital Coding Algorithms and Computer Forensic areas of expertise.



**FRIDOLIN'S TECHNOLOGY COMPANY**

**Barcode / QR Scan Payment System**

Link: [fmpiza.github.io/barcodepaymentportal](http://fmpiza.github.io/barcodepaymentportal)

**Faida za Mfumo**

- Ni kwa mitandao yote ya simu
- High Security / ulinzi wa kutosha
- Usiri wa kutosha kwa taarifa za mtumiaji
- Ni rahisi kutumia
- Unagenerate Ripoti kwa haraka

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[fmpiza.github.io/webfridolin](http://fmpiza.github.io/webfridolin)  
Call : (+255) 683 168 429 / 713 826 484



**FRIDOLIN'S TECHNOLOGY COMPANY**

**ONLINE GAS BOOKING SYSTEM**

Link : [fmpiza.github.io/gas](http://fmpiza.github.io/gas)

**Faida za Mfumo**

- Kuagiza Gesi mtandaoni
- High Security / ulinzi wa kutosha
- Kutambua maduka ya Gesi yaliyo karibu (Ramani)
- Kutunza taarifa za wateja
- Kulipia na kupata gesi mtandaoni
- Ni rahisi kutumia
- Ni kwa lugha ya Kiswahili na Kiingereza

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[fmpiza.github.io/webfridolin](http://fmpiza.github.io/webfridolin)  
Call : (+255) 683 168 429 / 713 826 484



## **FRIDOLIN'S TECHNOLOGY COMPANY**

### **TOURISM WEBSITE APPLICATION**

Link : [osimlaiadventures.com](http://osimlaiadventures.com)

#### **Faida za Mfumo**

- Wageni / Watalli ku book Safari online
- Kutangaza vivutio vya utali
- Kuwezesha watalli kuandika remark za safari
- Kufanya Malipo ya safari online
- Kuweka matangazo ya biashara



[fmpiza.github.io/webfridolin](http://fmpiza.github.io/webfridolin)  
Call : (+255) 683 168 429 / 713 826 484



## **FRIDOLIN'S TECHNOLOGY COMPANY**

### **POINT OF SALE MANAGEMENT SYSTEM (POS)**

Link : [fmpiza.github.io/possystem](http://fmpiza.github.io/possystem)

#### **Faida za Mfumo**

- High Security / Ulinzi mkubwa
- Kutunza taarifa za wateja
- Kudhibiti hasara katika biashara
- Kutunza taarifa za bidhaa za jumla na rejareja
- Kugenerate Ripoti ya mauzo
- Kutoa remark ya bidhaa (Mbovu na Nzima)
- Ni rahisi kutumia



[fmpiza.github.io/webfridolin](http://fmpiza.github.io/webfridolin)  
Call : (+255) 683 168 429 / 713 826 484



**FRIDOLIN'S TECHNOLOGY COMPANY**  
**Online FriChatting Application**

Link : [fmpiza.github.io/chattingapp](http://fmpiza.github.io/chattingapp)

**Faida za Mfumo**

- High security / Ulinzi mkubwa
- Mtumiaji kuchati na mwenzake
- Kutengeneza group la kuchati
- Kutuma picha, video na audio kwa mtu
- Kutengeneza profile ya mtumiaji

 [fmpiza.github.io/webfridolin](http://fmpiza.github.io/webfridolin)  
Call : (+255) 683 168 429 / 713 826 484



**FRIDOLIN'S TECHNOLOGY COMPANY**  
**Online Holy Books Reading Application**

Link : [fmpiza.github.io/holybook](http://fmpiza.github.io/holybook)

**Faida za Mfumo**

- Kusoma Biblia Takatifu na Quran Tukufu mtandaoni
- Ni kwa lugha ya kiswahili na klingereza
- Ni rahisi kutumia

 [fmpiza.github.io/webfridolin](http://fmpiza.github.io/webfridolin)  
Call : (+255) 683 168 429 / 713 826 484

# Project Proposals



## **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 tends to show the nearby Gas shops depends on the location of the customer. Therefore, a system saves 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 easily 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

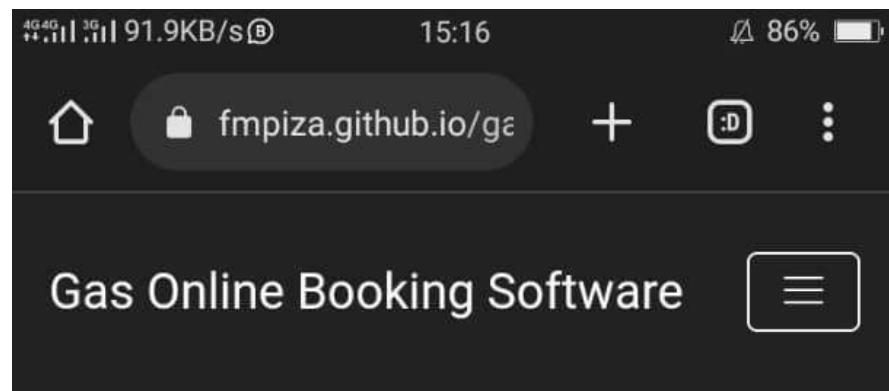
All of these technologies were used to make sure that the whole system is going to undertake the intended functionalities while it is used.

### 3.0 SYSTEM DASHBOARD



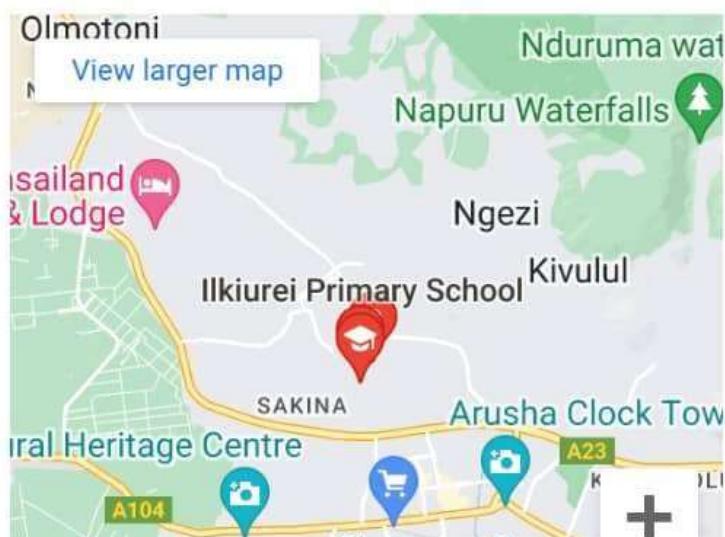
### **3.1 Locate Nearby Gas Shops**

- 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 fully accessed to 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



Full Name

Phone Number

Email Address

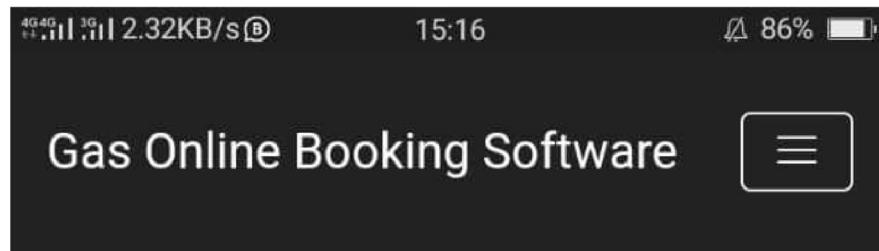
Street Name

House Number / Owner Name

**Register Now**

### **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

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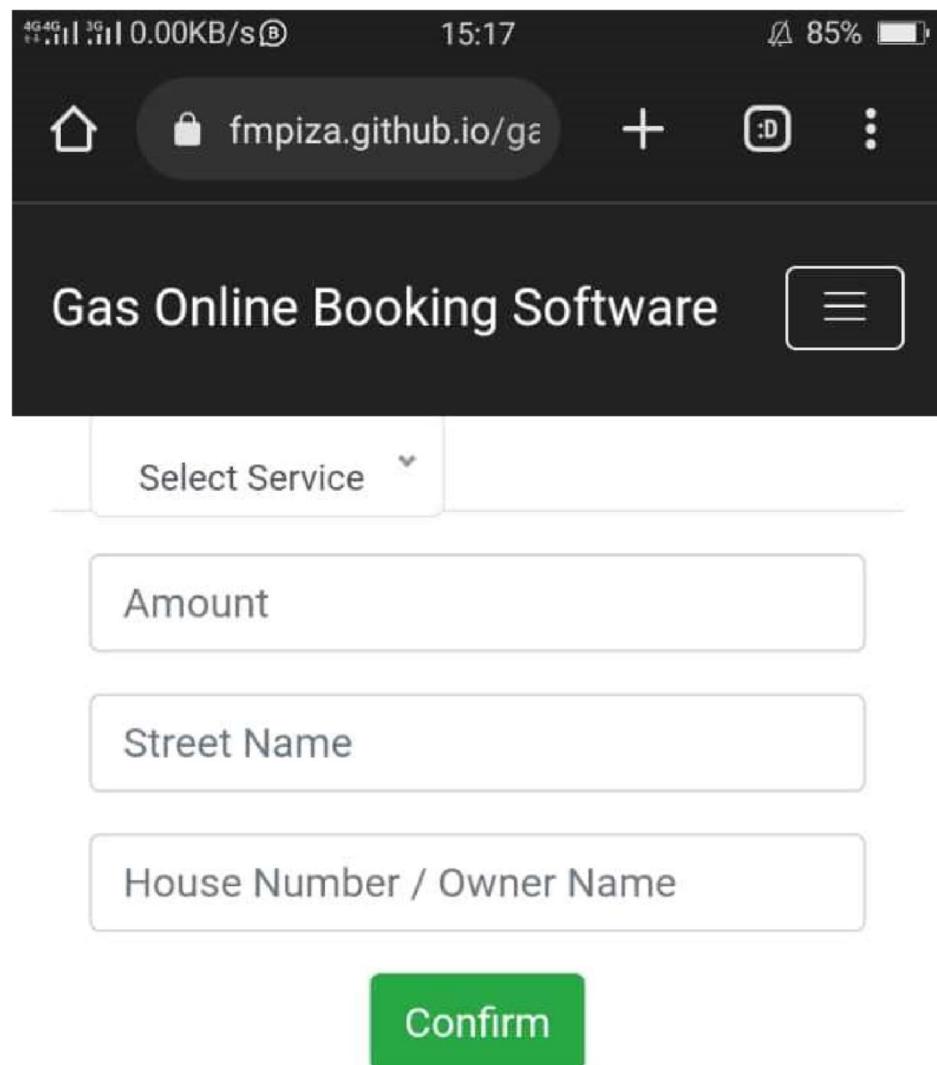
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### **3.3. Booking Section**

- 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/=



## ONLINE MUSIC DOWNLOADING PLATFORM PROPOSAL

**Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer**

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## 7. INTRODUCTION

This is an engineered platform developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can listen and download both music audio and videos for those foreign and swahili music flavors.

A platform enable user to create his account for getting an update of any new released music through his email as well as being able to listen and downloading. Also, a platform is very user friendly since it enables a user to get a song by only typing a name of an artist or a name of that song and finally searching to get the results.

## 8. TECHNOLOGIES USED

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

- Application Programming Interface (API)
- Security hashes
- JavaScrips (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.

## 9. PRODUCT FEATURES

### System Dashboard

- A system is a very user friendly since a system user can listen and download both music audio and videos for those foreign and swahili music flavors. Therefore, the system enable user to choose his or her best option either it is an audio or video of a certain song he wishes to listen or download from the platform. It appears as follow.

Personal Hotspot : 1 connection(s), Used 23.6 MB

92.168.43.249:8080

MUSIC

# GET YOUR ONLINE MUSIC

"Listen and download your  
favourite Song both  
Abroad and Swahili songs  
on the space"

Sign up and get the updates



92.168.43.249:8080



MUSIC



Home

Playlist

Contact

Login

Register

# GET YOUR ONLINE MUSIC

"Listen and download your  
favourite Song both  
Abroad and Swahili songs  
on the space"

*Sign up and get the updates*





92.168.43.249:8080



### *Abroad Music Video*

Search,listen and download Abroad Music Video here.



### *Abroad Music Audio*

Search,listen and download Abroad Music Audio here.



### *Swahili Video*

Search,listen and download Swahili Music Video here.



## ABOUT

A platform that enables you to download all songs on available on the space. You can also register the site for more new / updated notification through your email address.

Welcome!!

[Useful links](#)

[Register](#)

[Login](#)

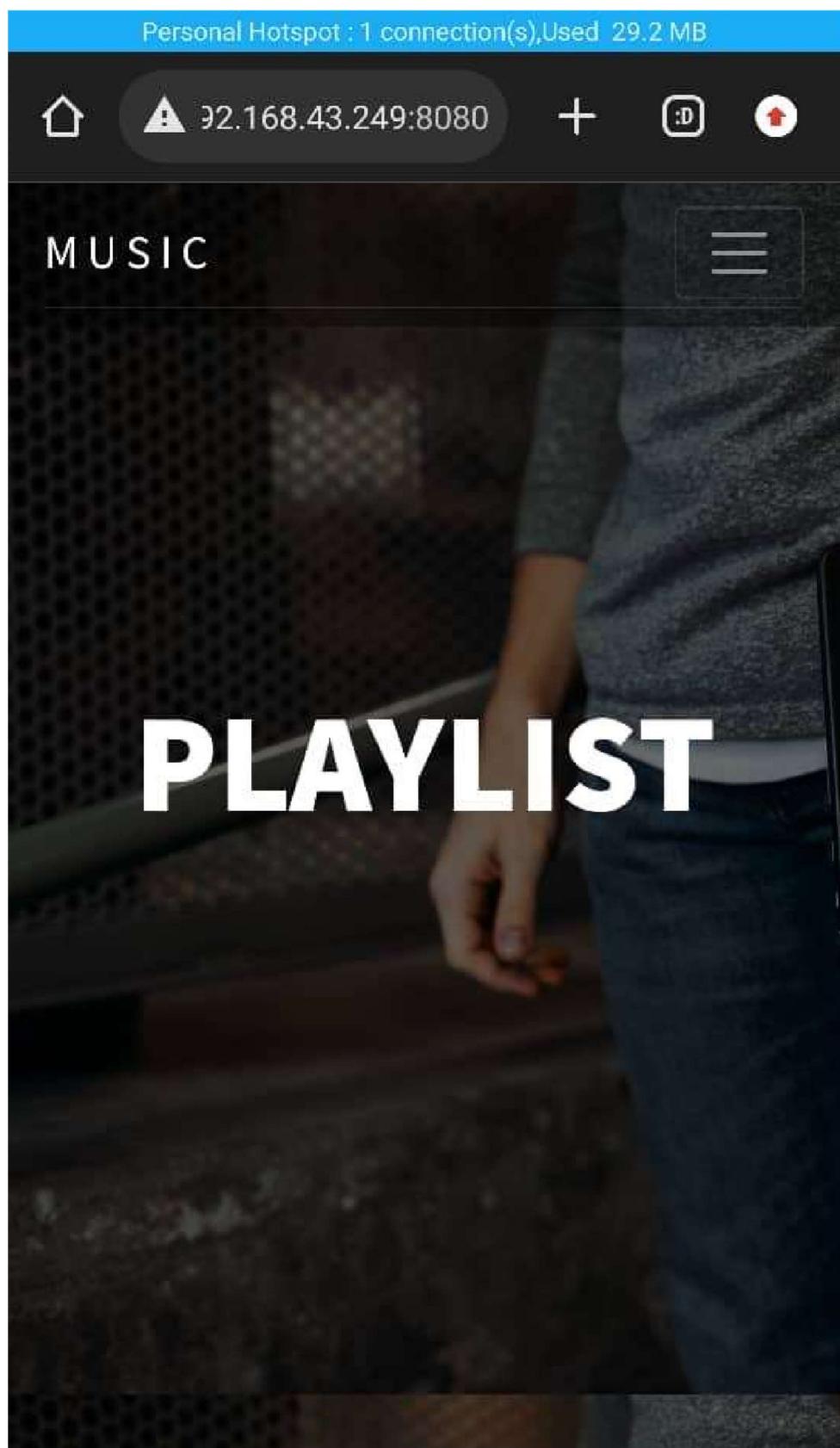
[Playlist](#)

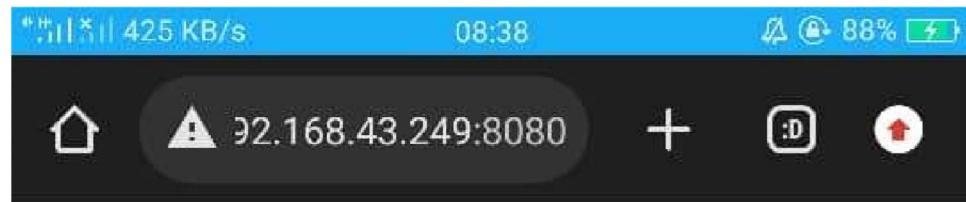
Copyright ©2022. All rights reserved | Developed by : [Fridolin](#)



### 3.2. Music Audio and Video Downloading

- On this section, a system user can listen and download a certain music /song by only typing a name of that music or a name of an artist for an easy result. Therefore, a platform contains a lot of songs from the database, then the only way of getting them for user is by fetching through searching from this section. It appears as follow





Search a Song / Artist

Type here to search...



## ABOUT

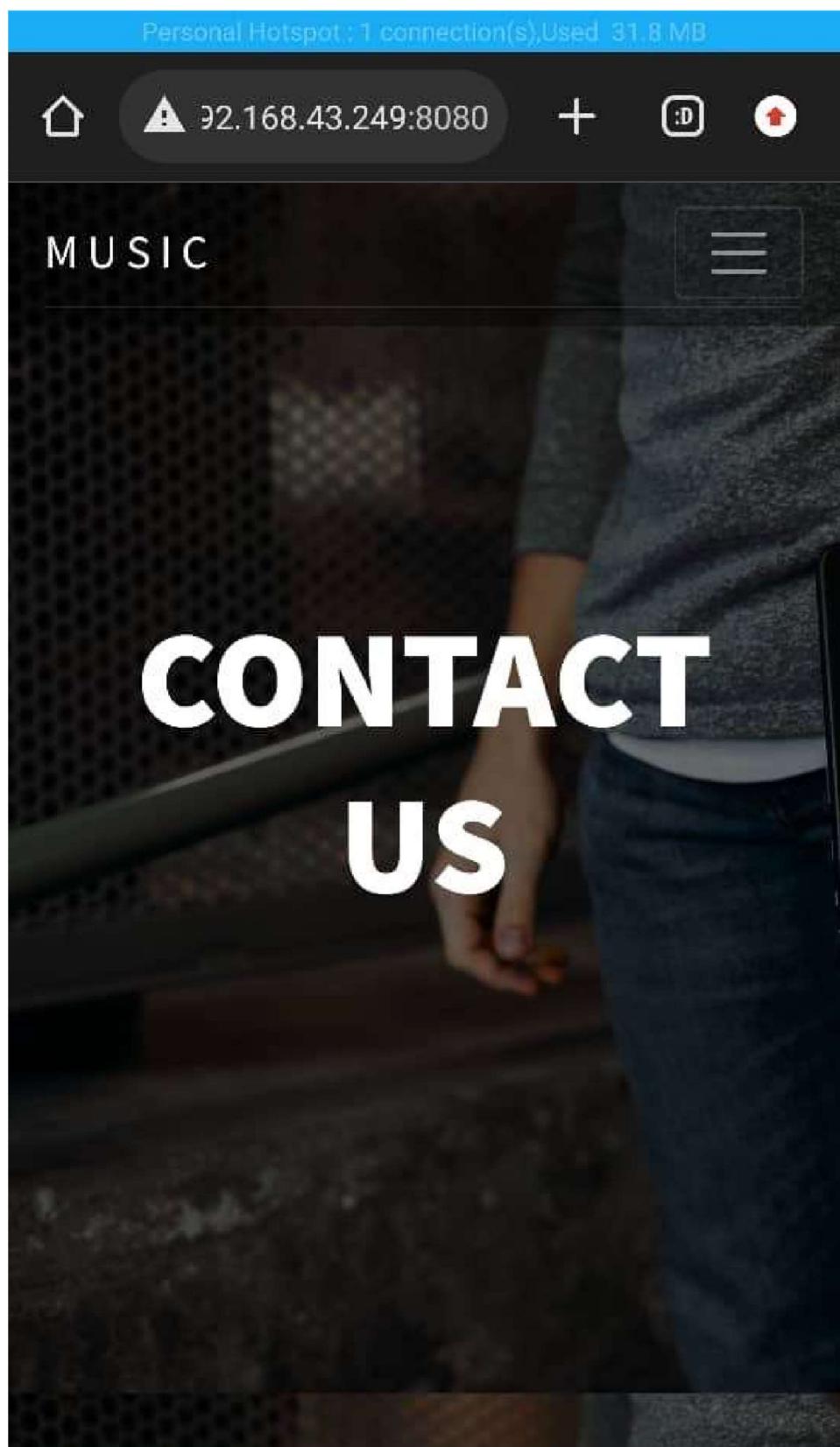
A platform that enables you to download all songs on available on the space. You can also register the site for more new / updated notification through your email address.

Welcome!!

Useful links

### 3.3. Contact Us

- Also, a system user is able to communicate with a system administrator through this section by filling the required particulars including his email, full name, phone number and the blank typing message section to be sent to the administrator either for improvement or any other user's suggestion about the system. It appears as follow



3G || 307 KB/s 08:38 88%

Name

Phone

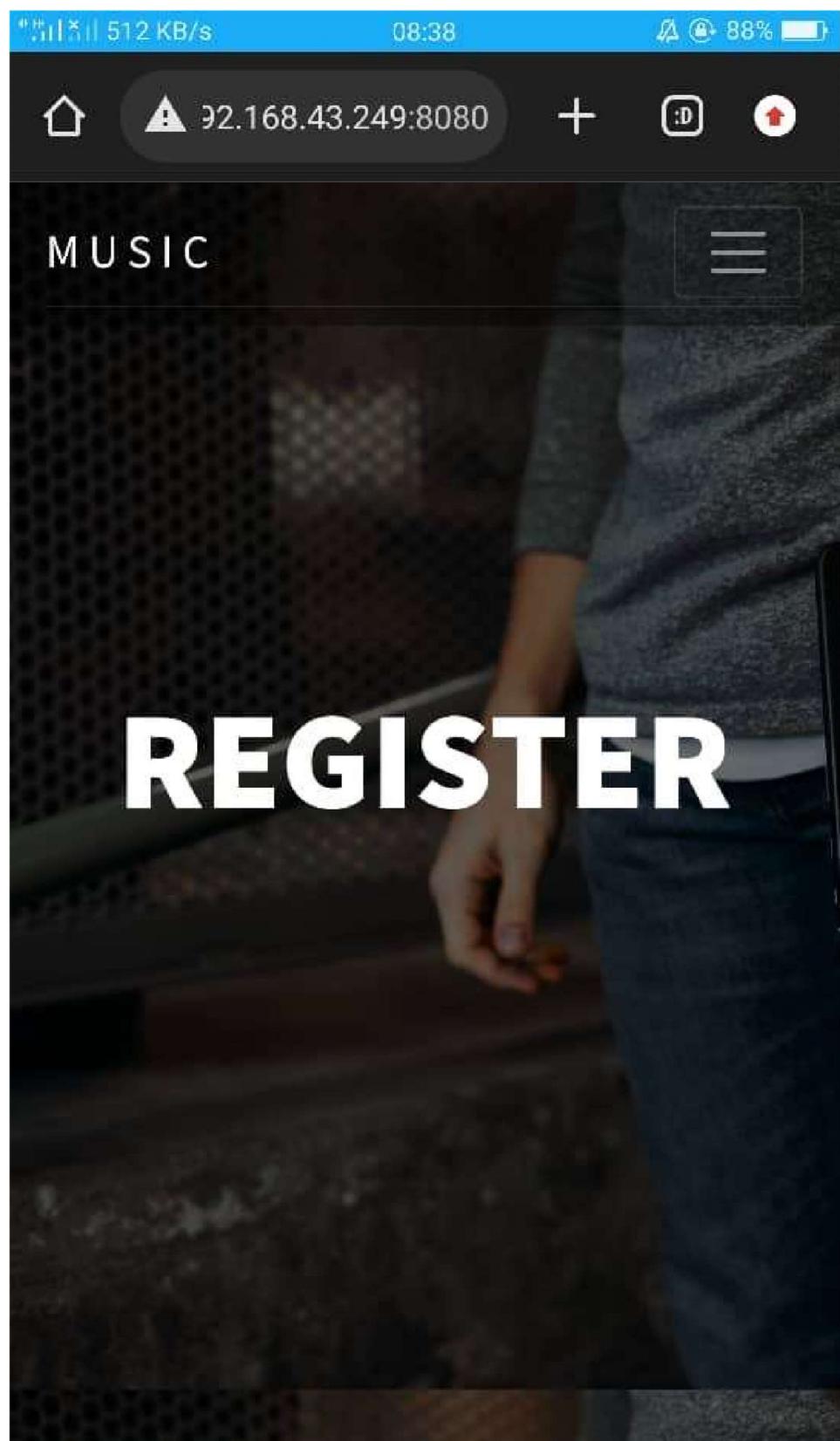
Email

Write Message

**Send Message**

### 3.4. Registration Page

Here a system user can create a new access account by registering the required particulars as appeared on the system. Whereby he will finally be able to login the system and continue with further system functionalities. It appears as follow.



Personal Hotspot : 1 connection(s), Used 40.3 MB

## Register new account

Email Address

Password

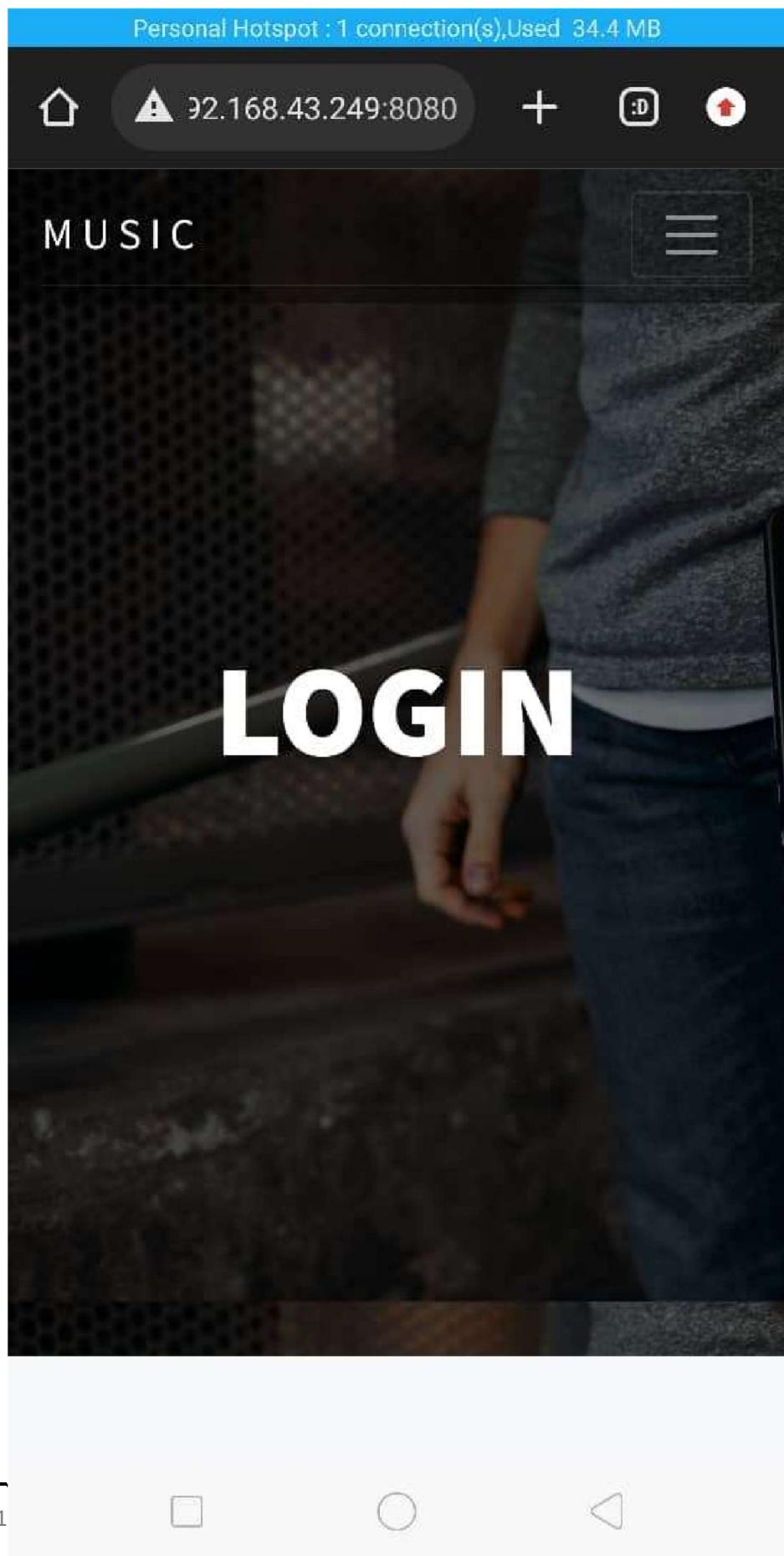
Re-type Password

Login



### 3.5 Login Page

Here a system user is able to login the system after registration. Therefore, he can enjoy the further services offered by the system after having the credentials of accessing his user account on the system. It appears as follow



Personal Hotspot : 1 connection(s), Used 36.5 MB

Log in with your account

Username

Password

Login

ABOUT

A platform that enables you to download all



#### **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/=



## **BODABODA TRANSPORT ONLINE BOOKING MANAGEMENT SYSTEM PROPOSAL**

Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer

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## **10. 1.0 INTRODUCTION**

This is a Bi-Modal Languages engineered platform developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can book for Boda Boda Transport through online mode of conducting. A system user can see Boda Boda profiles where there is a contact, price depends on trip/ route as well as a name of location where Boda Boda park for his motorcycle

A platform designed in a very user friendly mode of interaction where there is no any complications to the user since it also benefit both Swahili and English languages users of the system

## **11. 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
- JavaScrips (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.

## **12. 3.0 SYSTEM DASHBOARD**

### **13. 3.1 Boda Boda Profile**

- This is a system section where user can view Boda Boda profiles where He/ she can get the contacts, general route summary offered by Boda Boda. It appears as follow

### **3.2. Trip / Destination Map**

- On this section, a system user can view a route/ trip summary by using a map automated on the system. Through which a system user can know his starting point to the destination point by using Boda Boda transport. It appears as follow

#### **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/=

*Fridolin's Technology Company*  
**COMPANY PROFILE**

TOTAL AMOUNT	300 USD /=	800,000/=
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## DIGITAL SIGNATURE TOOL PROPOSAL

Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer

## CONTENTS

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## 14. INTRODUCTION

This is a digital/ electronic hashed tool for signing the user's documents with no cost of taking a document physically developed by Fridolin Mpiza, Tanzania Network and Software Engineer.

A digital tool developed under the hashed programming languages to enable a system user on the issue of time saving and portability of their tasks during the daily life.

## 15. TECHNOLOGIES USED

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

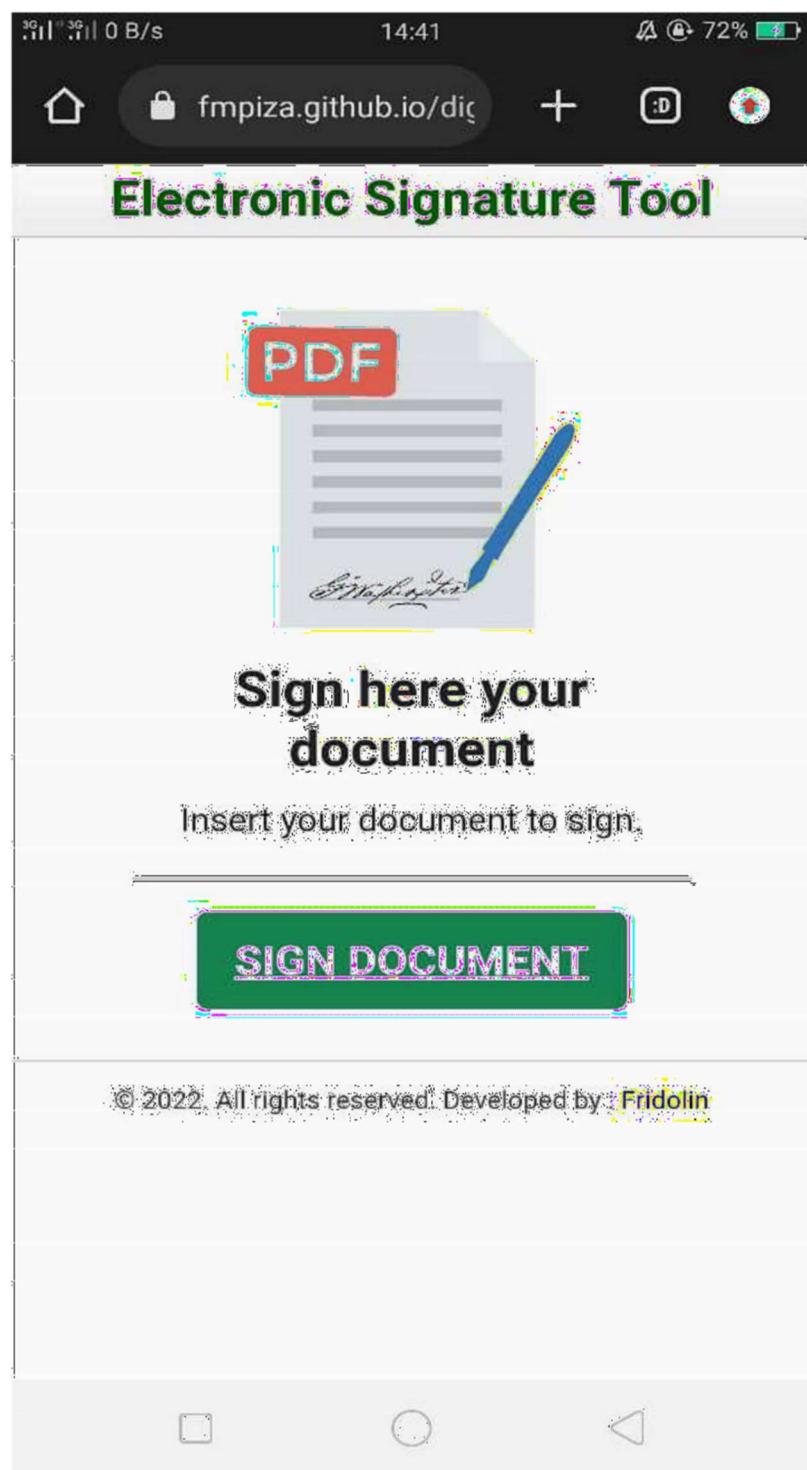
- Cryptographic ciphers,
- Coding Algorithms
- MySql Database
- JavaScripts (Js) and Cascading Style Sheet (CSS)
- HTML (Hyper Text Mark Up Language)

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

## 16. PRODUCT FEATURES

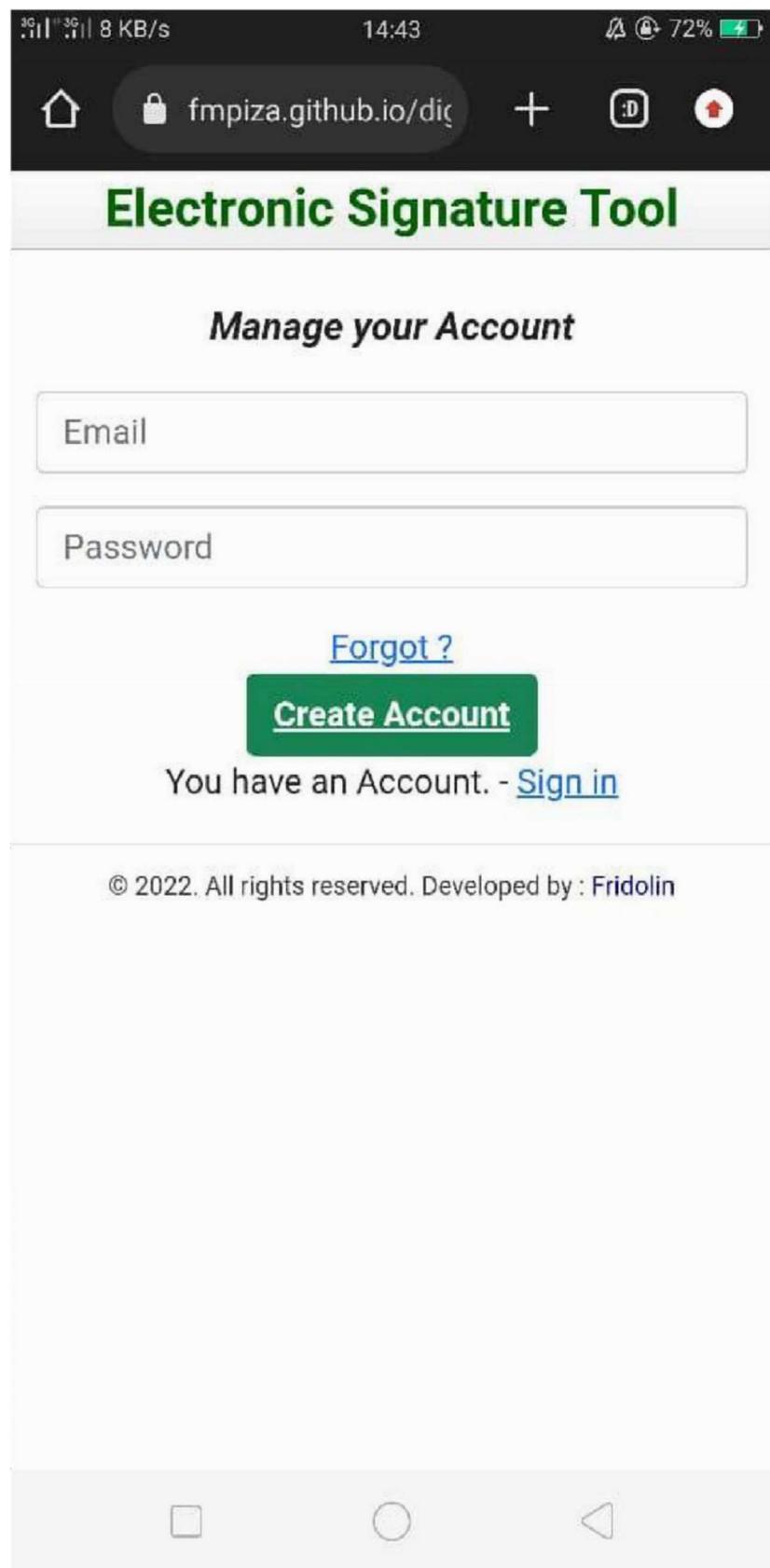
### System Dashboard

- Also this tool was developed under the consideration of user friendliness especially on the issue of graphic user interactivity for an easy implementation during its usage by user. The system dashboard appears as follows;



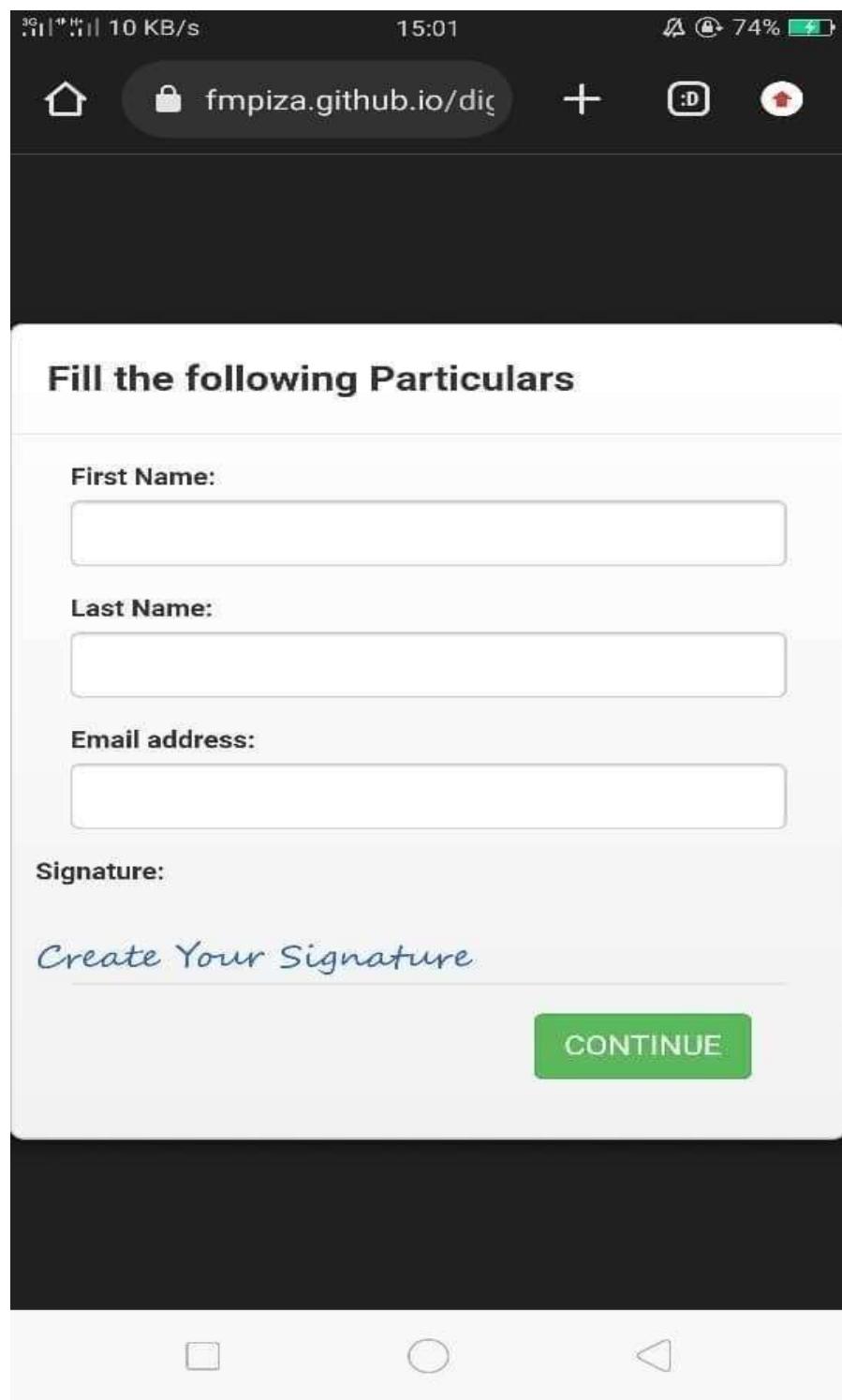
## User Account

- On this section, a system user is able to manage his / her account for accessing the system during the implementation. Here, a system user can create his access account, reset login passcode and sign in the system for further functionalities. It appears as follows.



## User Authentication

- On this section a system user is required to confirm his particulars as a part of authenticating the presence of his access account in the system. Therefore, he will be required to confirm First Name, Last Name and email address in order to sign in the system. It appears as follows.



### Signing Page

- On this section, a system user can now access and uploading his document for signing electronically where he can opt for either method of creating his digital signature

on the document including ; signature by typing in the keyboard, drawing with mouse, uploading the image or by using a touchscreen. It appears as follows.

**Fridolin's Technology Company  
COMPANY PROFILE**

The screenshot shows a mobile application interface for managing company profiles. At the top, there is a toolbar with various icons: a gear, 'SN' (Search), a calendar, three user profile icons, an envelope, a document, a briefcase, and a font size 'Aa'. Below the toolbar, there is a section for personal details:

**Nationality** Tanzanian  
**E-mail Address** fridolinmpiza82@gmail.com

Below this, there is a larger section for business details:

**Mobile Phone Numbers** 0683168429  
**Residential address** Region Arusha, District Arusha, Ward Kiranyi, Postal code 23209 , Fridolin MpizaP.o.Box 6998IlkiureiArusha

**Is bank account operator?** Yes  
**Can this person update data in ORS?** Yes

Owner FRIDOLIN ANTHONY  
MPIZA

----- 5/10/2022  
Signature and date

At the bottom of the screen, there is a dark footer bar with a red 'FINISH' button and a three-dot menu icon. Below the footer, there are three navigation icons: a square, a circle, and a triangle.

3G | 11:11 473 B/s 16:35 64%

pdfsimpli.com/esig +

## Create Your Signature

Type in Keyboard Draw with Mouse

Upload an Image Use Touchscreen

By clicking Create, I agree that the signature and initials will be the electronic representation of my signature and initials for all purposes when I (or my agent) use them on envelopes, including legally binding contracts - just the same as a non-electronic signature or initial

## **17. 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.

## **18. 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	42/ =	100,000/=
TOTAL AMOUNT	250 USD /=	600,000/=



## DIGITAL SIGNATURE TOOL PROPOSAL

Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer

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## 19. INTRODUCTION

This is a digital/ electronic hashed tool for signing the user's documents with no cost of taking a document physically developed by Fridolin Mpiza, Tanzania Network and Software Engineer.

A digital tool developed under the hashed programming languages to enable a system user on the issue of time saving and portability of their tasks during the daily life.

## 20. TECHNOLOGIES USED

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

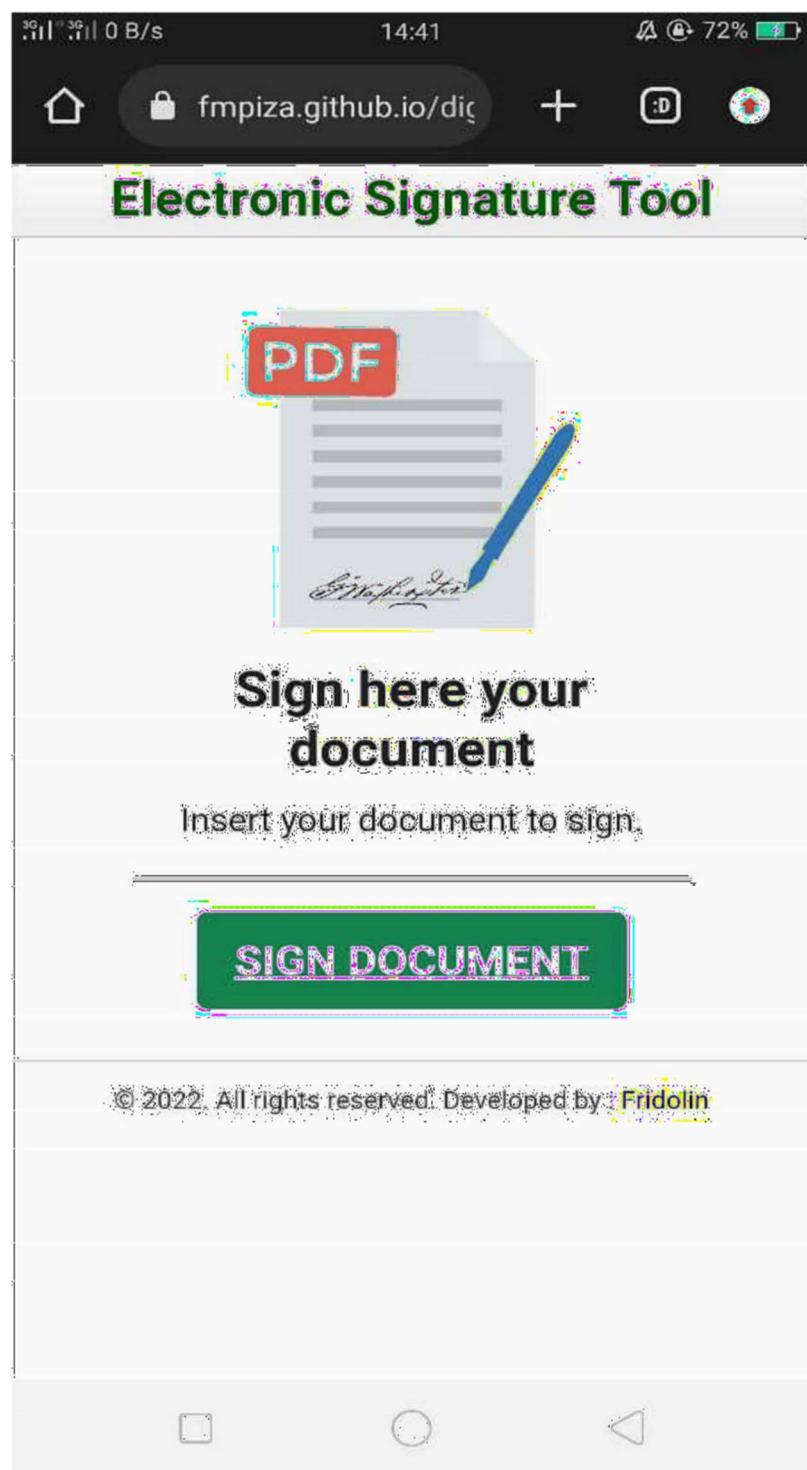
- Cryptographic ciphers,
- Coding Algorithms
- Mysql Database
- JavaScrips (Js) and Cascading Style Sheet (CSS)
- HTML (Hyper Text Mark Up Language)

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

## 21. PRODUCT FEATURES

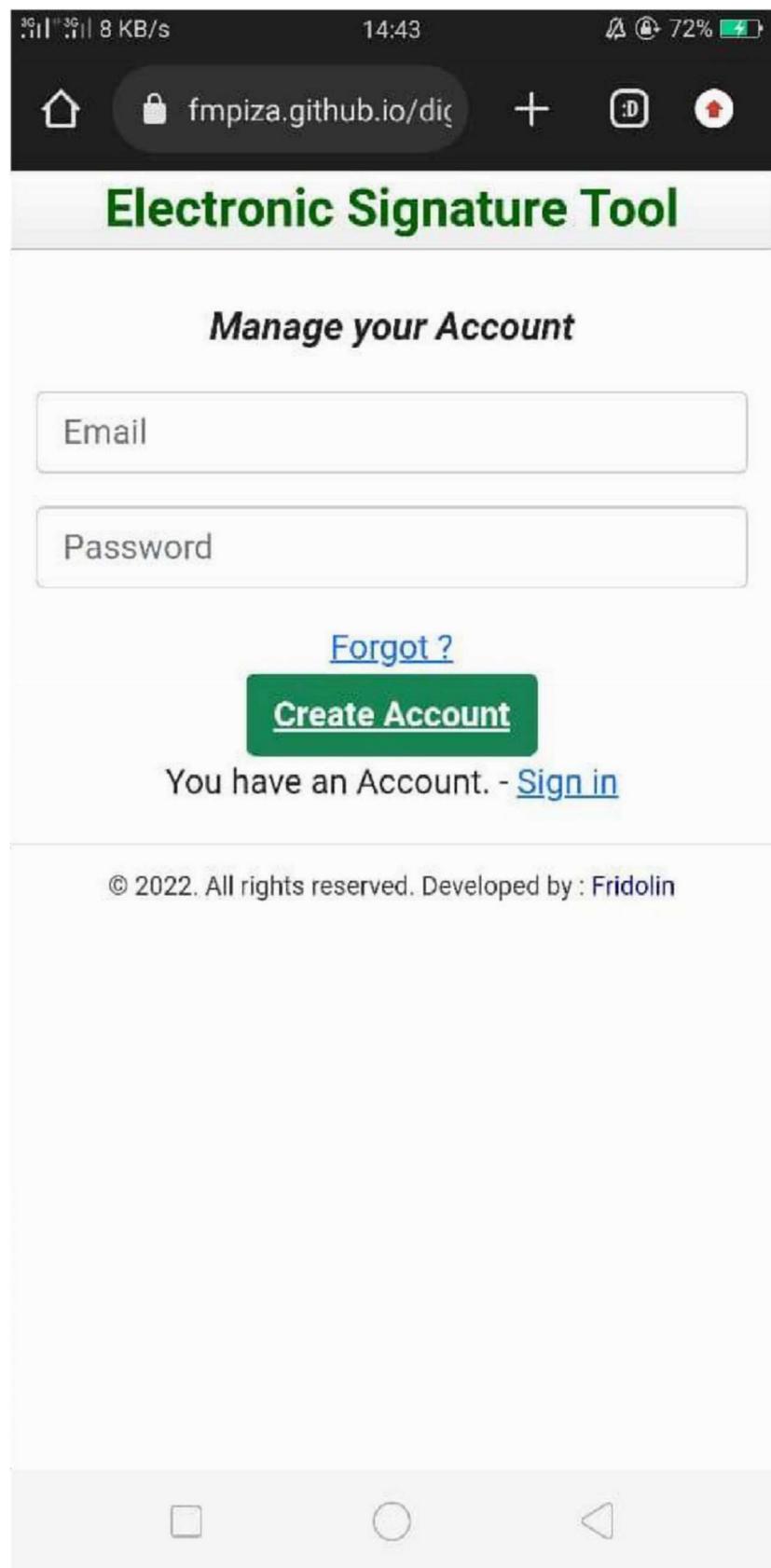
### System Dashboard

- Also this tool was developed under the consideration of user friendliness especially on the issue of graphic user interactivity for an easy implementation during its usage by user. The system dashboard appears as follows;



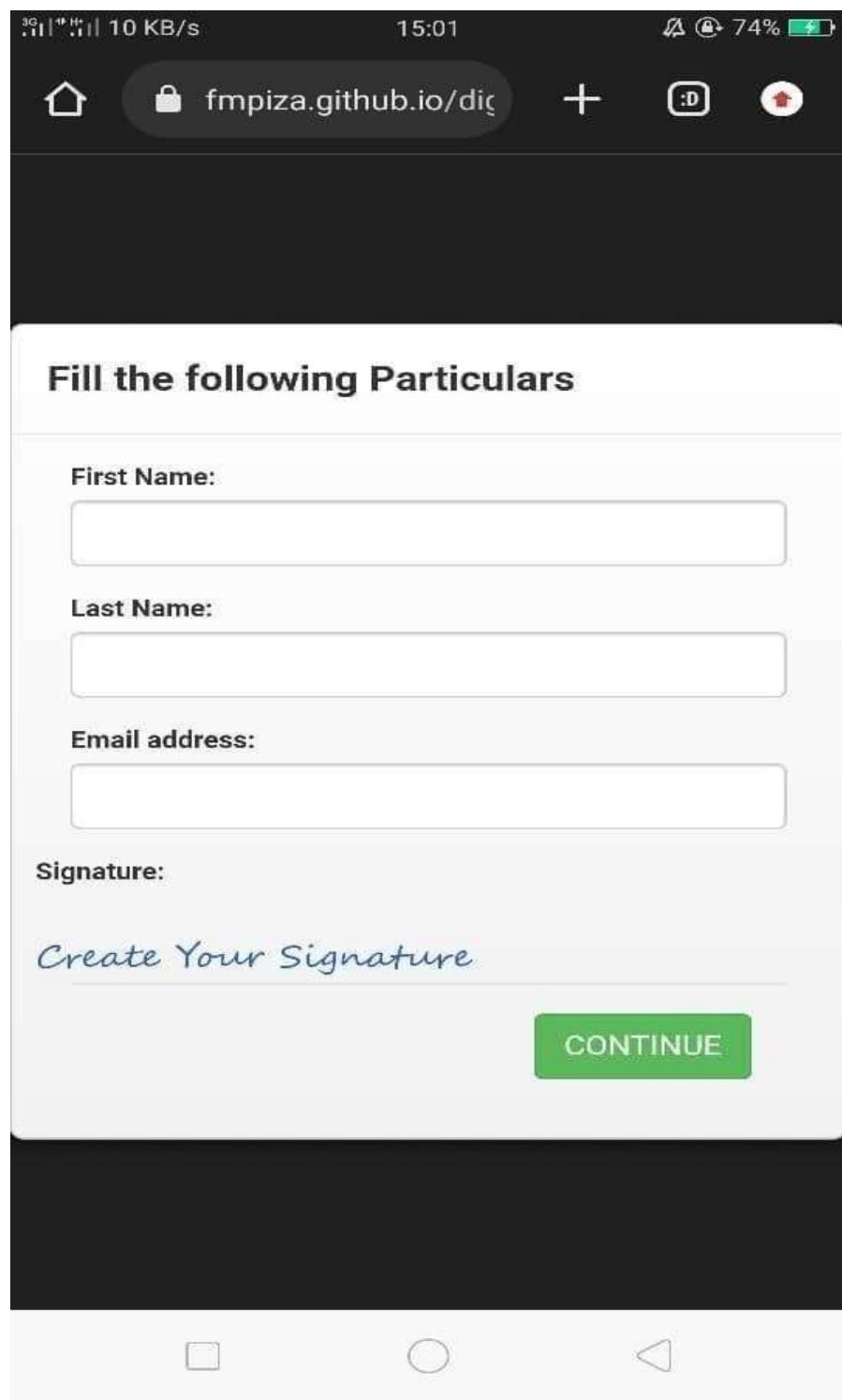
## User Account

- On this section, a system user is able to manage his / her account for accessing the system during the implementation. Here, a system user can create his access account, reset login passcode and sign in the system for further functionalities. It appears as follows.



## User Authentication

- On this section a system user is required to confirm his particulars as a part of authenticating the presence of his access account in the system. Therefore, he will be required to confirm First Name, Last Name and email address in order to sign in the system. It appears as follows.



### Signing Page

- On this section, a system user can now access and uploading his document for signing electronically where he can opt for either method of creating his digital signature

***Fridolin's Technology Company  
COMPANY PROFILE***

on the document including ; signature by typing in the keyboard, drawing with mouse, uploading the image or by using a touchscreen. It appears as follows.

**Fridolin's Technology Company  
COMPANY PROFILE**

The screenshot shows a mobile application interface for managing company profiles. At the top, there is a toolbar with various icons: a gear, 'SN' (Search), a calendar, three user profile icons, an envelope, a document, a briefcase, and a font size 'Aa'. Below the toolbar, there is a section for personal details:

**Nationality** Tanzanian  
**E-mail Address** fridolinmpiza82@gmail.com

Below this, there is a larger section for business details:

**Mobile Phone Numbers** 0683168429  
**Residential address** Region Arusha, District Arusha, Ward Kiranyi, Postal code 23209 , Fridolin MpizaP.o.Box 6998IlkiureiArusha

**Is bank account operator?** Yes  
**Can this person update data in ORS?** Yes

Owner FRIDOLIN ANTHONY  
MPIZA

----- 5/10/2022  
Signature and date

At the bottom of the screen, there is a dark footer bar with a red 'FINISH' button and a three-dot menu icon. Below the footer, there are three navigation icons: a square, a circle, and a triangle.

3G | 11:11 473 B/s 16:35 64%

pdfsimpli.com/esig + ⌂ :

## Create Your Signature

Type in Keyboard Draw with Mouse

Upload an Image Use Touchscreen

By clicking Create, I agree that the signature and initials will be the electronic representation of my signature and initials for all purposes when I (or my agent) use them on envelopes, including legally binding contracts - just the same as a non-electronic signature or initial

## **22. 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.

## **23. 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	42/ =	100,000/=
TOTAL AMOUNT	250 USD /=	600,000/=



## PHONE CALLS HANDLING MANAGEMENT SYSTEM PROPOSAL

Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer

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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

The screenshot shows a mobile application interface for call handling management. At the top, there is a header bar with icons for signal strength, battery level (86%), and time (15:58). Below the header is a navigation sidebar on the left containing the following items:

- Dashboard (represented by a phone icon)
- Outgoing Calls (represented by a mail icon)
- Incoming Calls (represented by a mail icon)
- Blocked Calls (represented by a mail icon)

The main content area features a large title: "Phone Calls Handling Management System". Below the title is a search bar with the placeholder text "Enter phone number". Underneath the search bar are two large buttons: a red "CALL" button and a green "RECEIVE" button. At the bottom of the screen, there is a section titled "Outgoing Calls Statistics" which includes a pie chart titled "Outgoing Calls %". The pie chart shows the distribution of outgoing calls across four months: January (blue), February (orange), March (green), and April (yellow). The data is summarized in the following table:

Month	Percentage
January	45%
February	15%
March	30%
April	10%

At the very bottom of the screen, there are three navigation icons: a square, a circle, and a triangle.

The screenshot shows a mobile browser interface with the URL [fmpiza.github.io/ph](http://fmpiza.github.io/ph). The top status bar indicates signal strength, battery level at 86%, and the time 15:58. The browser toolbar includes icons for home, search, and navigation.

**Outgoing Calls %**

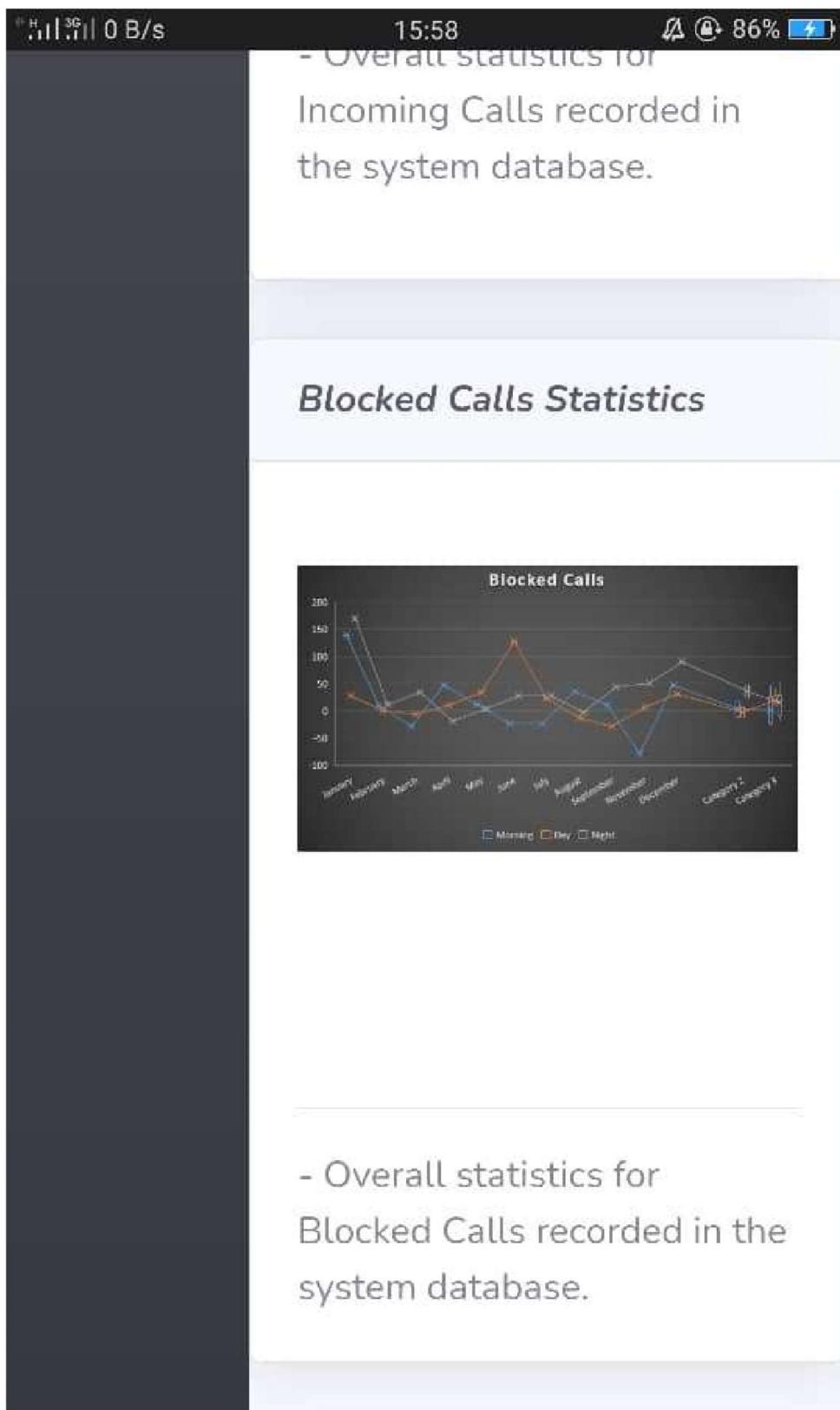
A pie chart titled "Outgoing Calls %" displays the percentage distribution of outgoing calls across twelve months. The data is as follows:

Month	Percentage
January	12%
February	10%
March	11%
April	2%
May	2%
June	2%
July	2%
August	2%
September	2%
October	2%
November	2%
December	21%

**Incoming Calls Statistics**

A horizontal bar chart titled "Incoming Calls Statistics" shows the number of incoming calls per day for each month. The data is as follows:

Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
December	12	10	11	12	13	15	16
November	9	10	11	12	13	14	15
October	11	12	13	14	15	16	17
September	10	11	12	13	14	15	16
August	9	10	11	12	13	14	15
July	10	11	12	13	14	15	16
June	11	12	13	14	15	16	17
May	12	13	14	15	16	17	18
April	13	14	15	16	17	18	19
March	14	15	16	17	18	19	20
February	15	16	17	18	19	20	21
January	16	17	18	19	20	21	22



### 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

0 B/s 15:58 86%

3+ 7

# Phone Calls Handling Management System

Enter phone number

CALL |

RECEIVE

## Outgoing Calls Statistics

Month	Percentage
January	8%
February	12%
March	10%

January 1, 201

47

The screenshot shows a mobile application interface for a "Phone Calls Handling Management System".

**Top Bar:** Displays signal strength, 2 KB/s, 15:58, battery level at 86%, and a URL in the address bar: fmpiza.github.io/ph.

**Sidebar (Left):** A dark sidebar with white icons and text, listing navigation options: Dashboard, Outgoing Calls, Incoming Calls, and Blocked Calls.

**Main Content Area:**

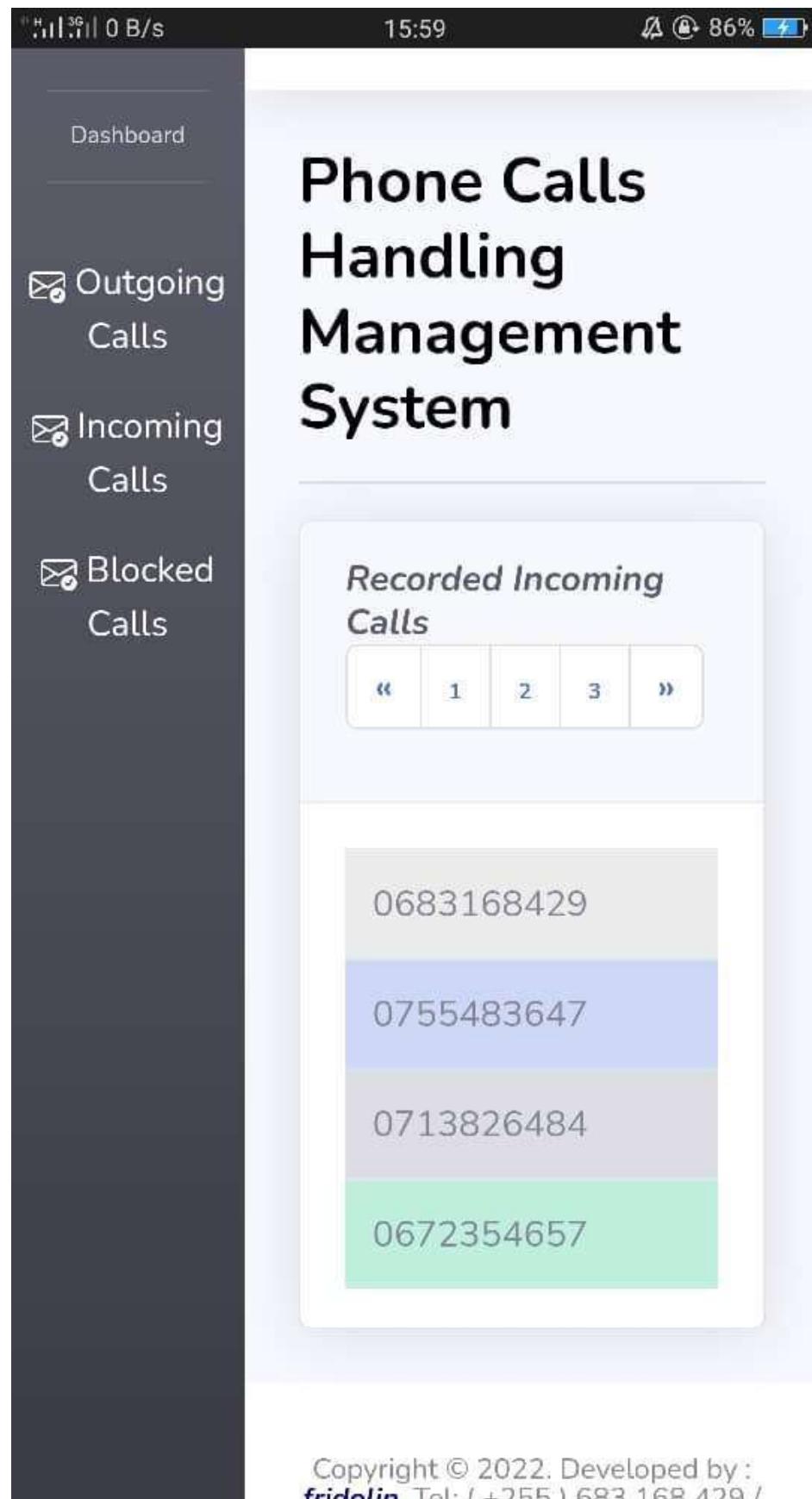
- Title:** "Phone Calls Handling Management System" displayed prominently.
- Section:** "Recorded Outgoing Calls" with a page navigation control showing pages 1 through 3.
- Data:** A list of recorded outgoing call numbers:
  - 0769567423 (Grey background)
  - 0688465741 (Light Blue background)
  - 0712354659 (Grey background)
  - 069282645 (Green background)

**Bottom Navigation:** Standard Android navigation icons (Home, Back, Stop).

### 3.3. Incoming Calls

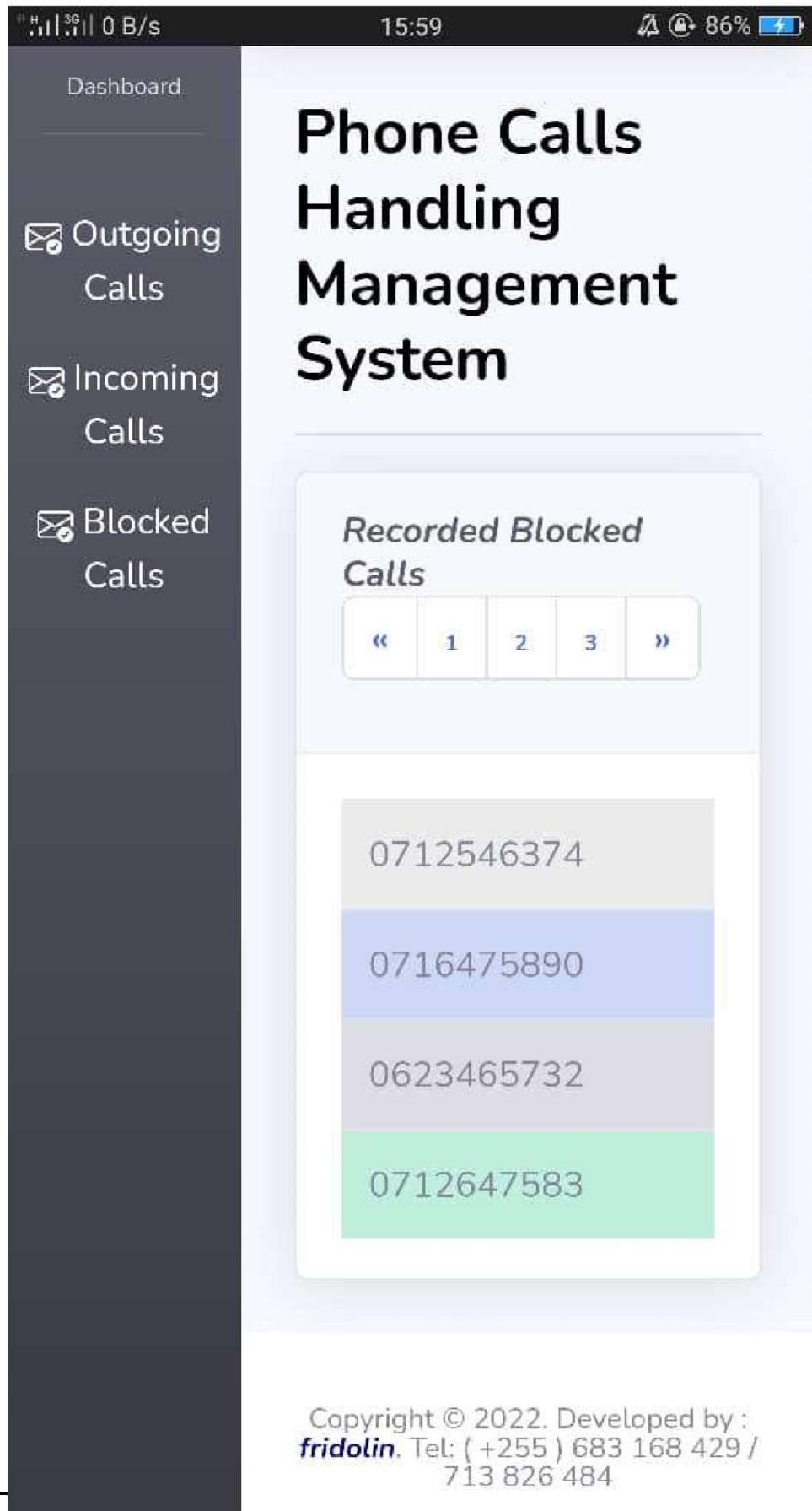
- Also, a system user is able to receive incoming phone calls made to a certain number by only clicking on the green button named “RECEIVE” and then the system user will be able to continue with his dialogue by using a computer. It appears as follow





### 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



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**fridolin.** Tel: (+255) 683 168 429 /  
713 826 484

#### **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/=
<b>TOTAL AMOUNT</b>	<b>300 USD /=</b>	<b>800,000/=</b>



## **LOCATION TRACKER SYSTEM PROPOSAL**

**Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer**

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## 24. 1. INTRODUCTION

This is a single paged platform developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can track a certain mobile phone number's location by filling needed particulars on the system. A system user can get an accuracy of location depending on their distance, map height and map width as described below.

## 25. 2. TECHNOLOGIES USED

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

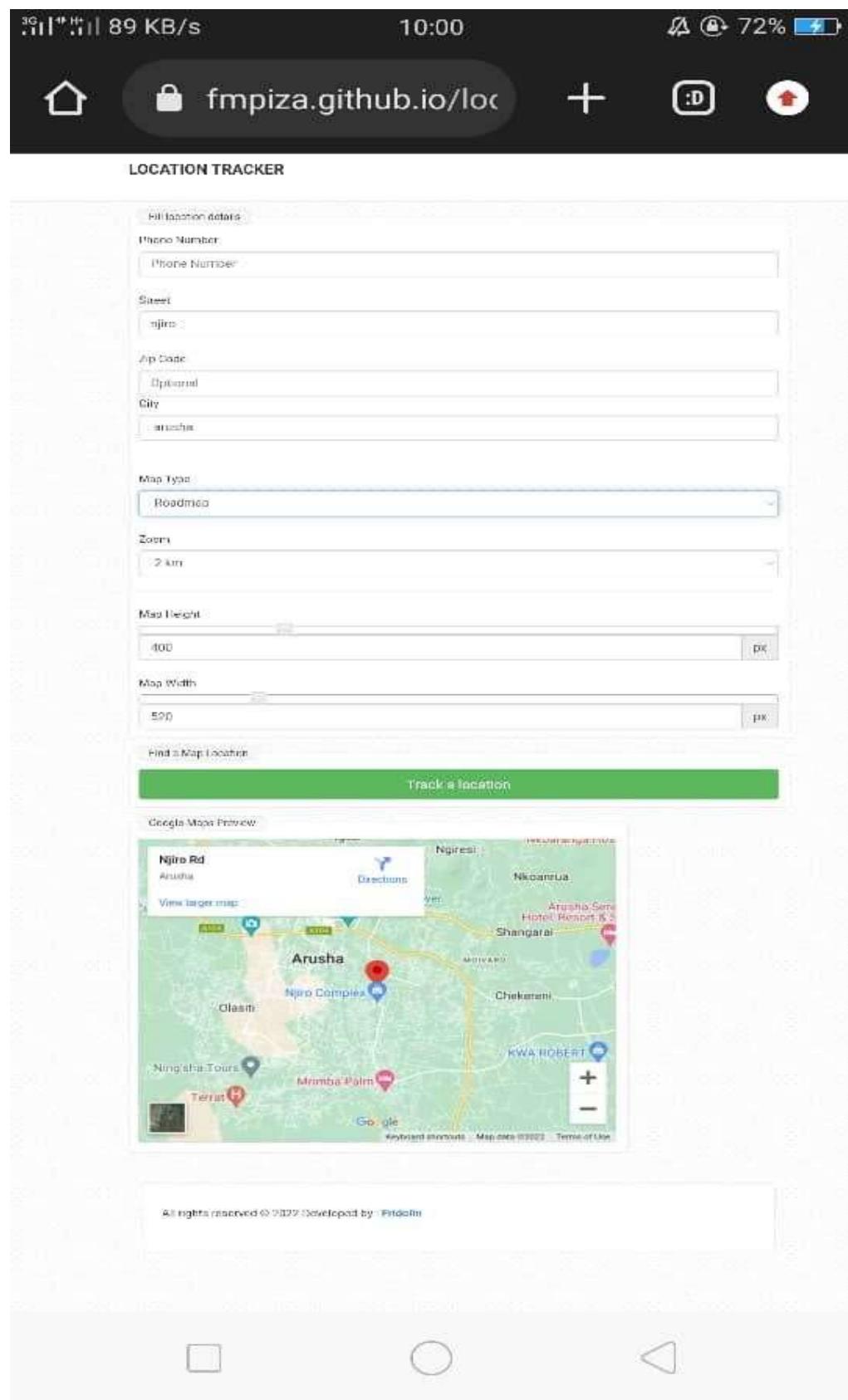
- Python,
- Map Application Programming Interface (API)
- Satellite
- JavaScripts (Js) and Cascading Style Sheet (CSS)
- HTML (Hyper Text Mark Up Language)
- Mysql Database

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

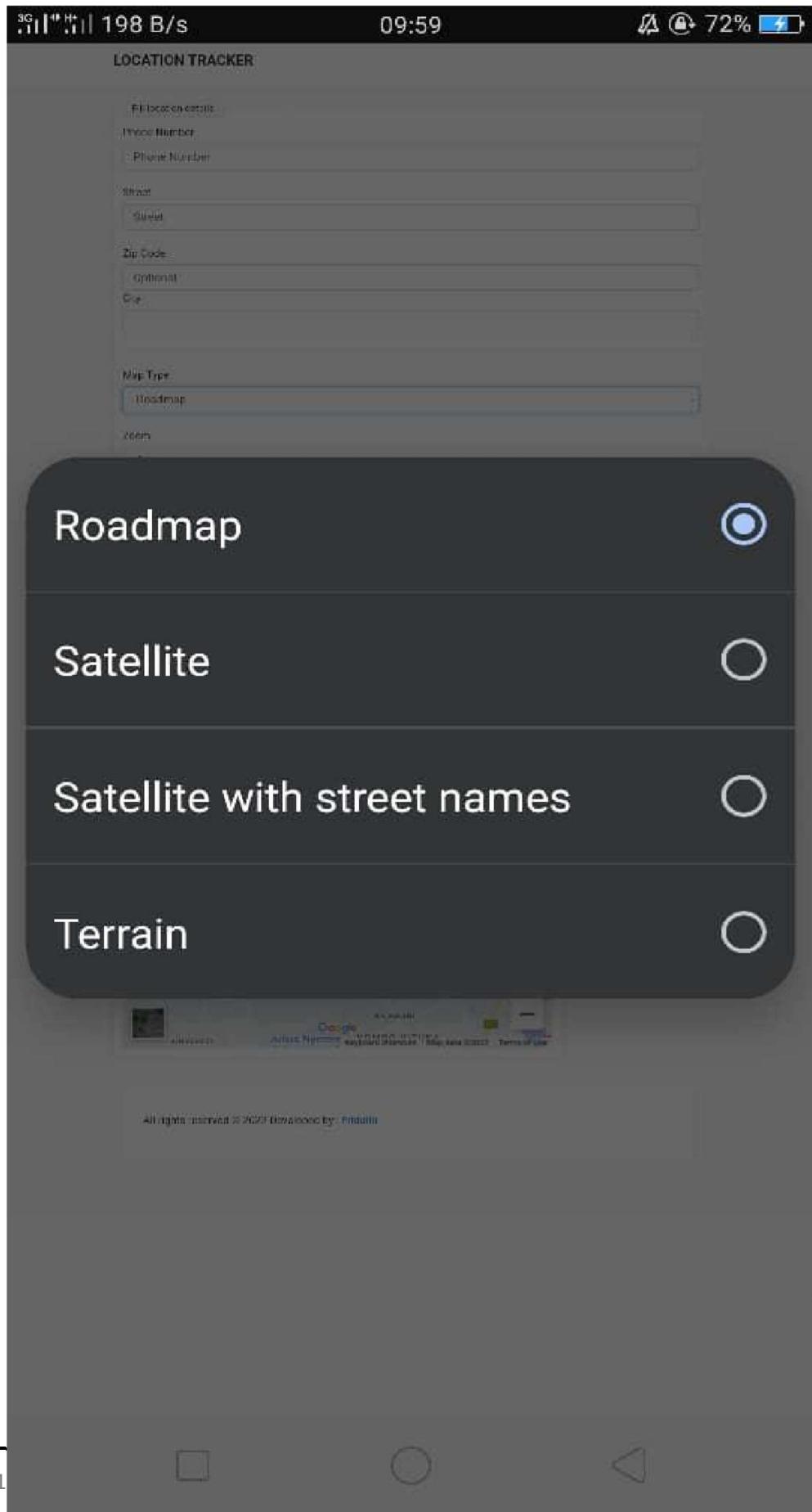
## 26. 3. PRODUCT FEATURES

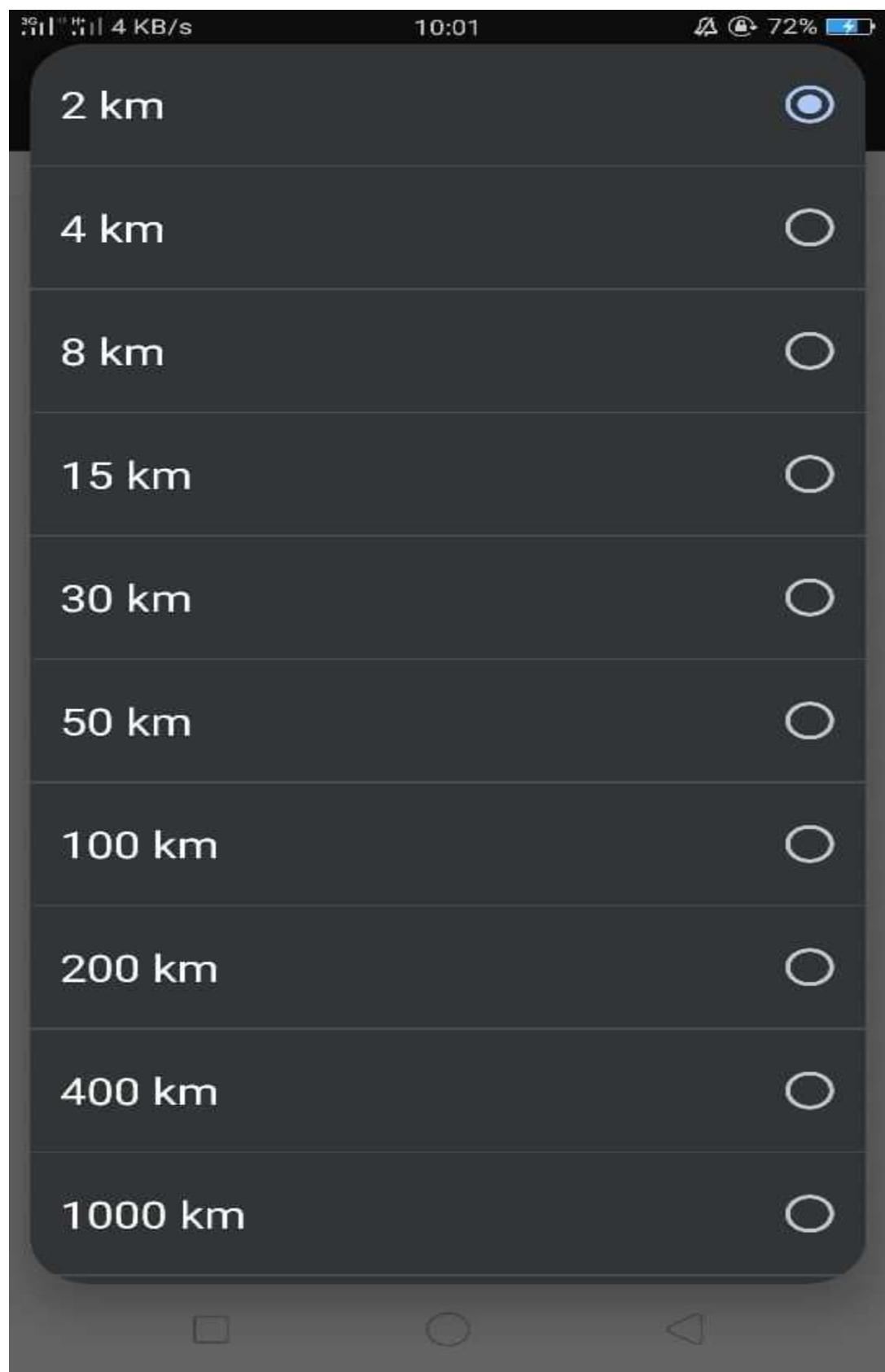
### 3.1 System Dashboard

- A location tracker system is a single paged application with several sub-components which enable a system user to fill the required particulars including a Mobile Phone Number section, street, Zip Code (Optional), City(Last area of phone number to be available), Map type, distance kilometers and Map zoom mechanisms as appear below.





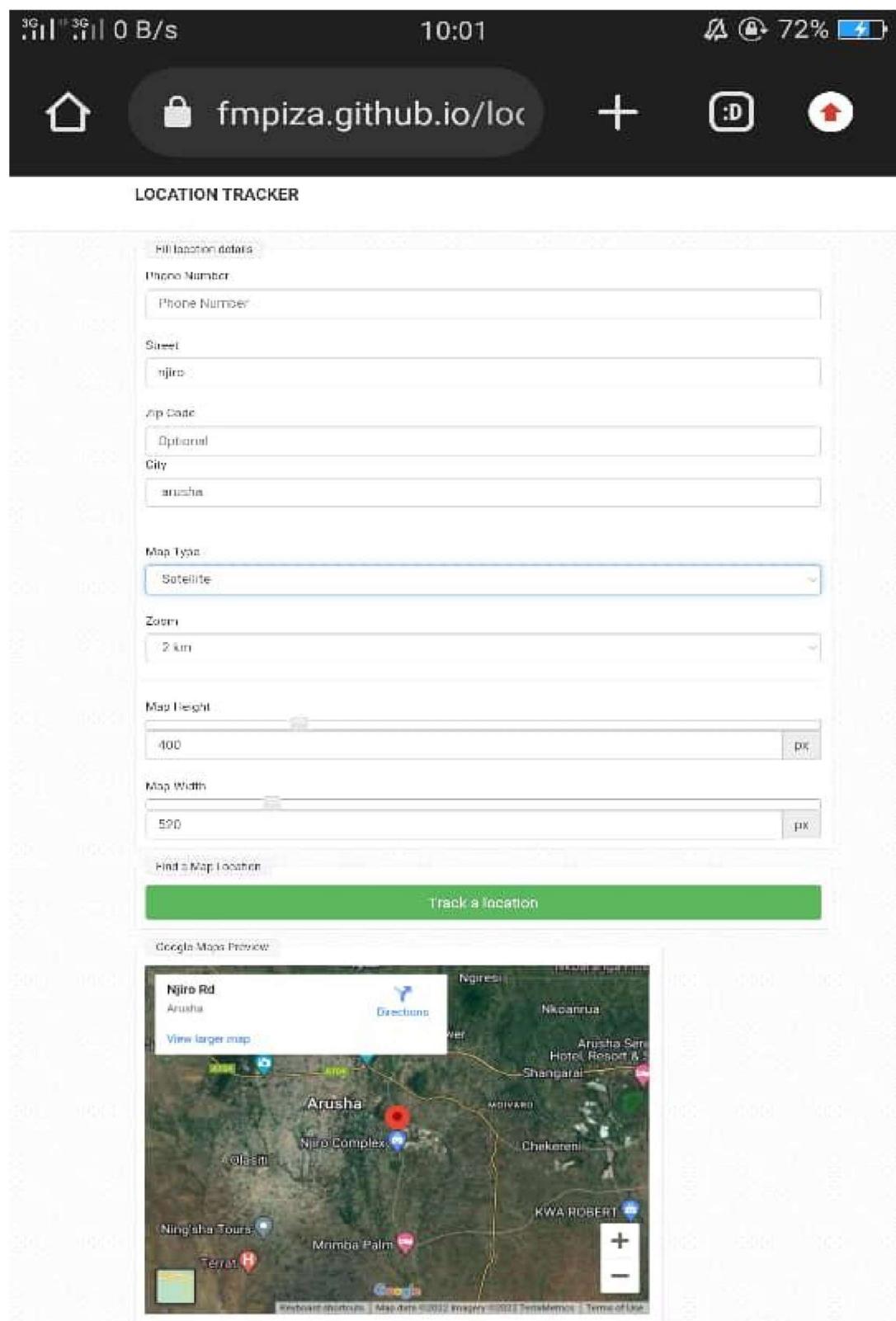




### *3.2. Satellite View*

- On this section, a system user can see a satellite view on the system in order to magnify a real appearance of the located area in corresponding to a tracked mobile phone number on the system. Where m a system enables him/her to see demarcations, signs and systems as well as zooming mechanisms on the map. It appears as follows.





All rights reserved © 2022 Developed by Fridolin

### 3.3. Terrain View

- Also, a system enable user to see how a certain tracked mobile phone number can appear in a terrain view on the map. Where a system user can see roads signs, directions and zooming mechanisms so as to view an actual appearance of tracked area. It appears as follows.



## LOCATION TRACKER

Fill location details

Phone Number

Phone Number

Street

njiro

Zip Code

Optional

City

arusha

Map Type

Terrain

Zoom

2 km

Map Height

400

px

Map Width

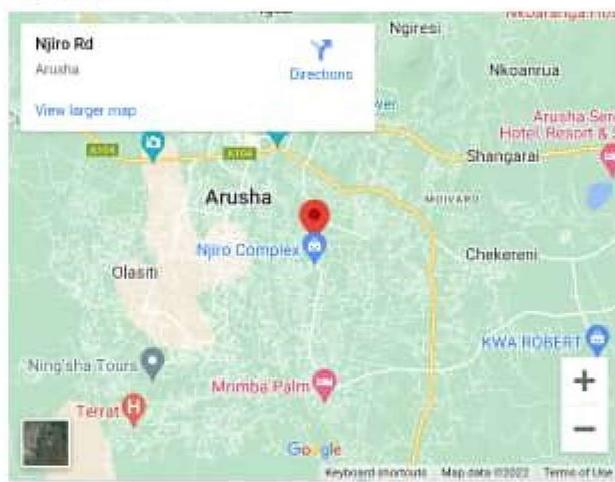
500

px

Find a Map Location

Track a location

Google Maps Preview



## 27. 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	42/ =	100,000/=
<b>TOTAL AMOUNT</b>	<b>250 USD /=</b>	<b>600,000/=</b>



28. ONLINE IT CRIMES REDUCING INFORMATION SYSTEM PROPOSAL

Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer

## **CONTENTS**

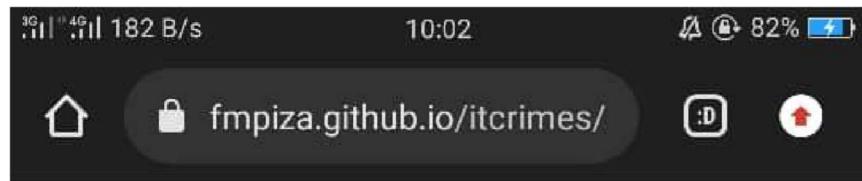
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29. 1.0 INTRODUCTION

This is an engineered platform developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can report a crime done by filling the required details in corresponding to the crime then further chain of forensic tends to be done.

Also, a system enables user to get an alert and other reported cases as a way of learning and overcoming different possible crimes in the society.

Therefore, its link to access is <https://fmpiza.github.io/itcrimes>



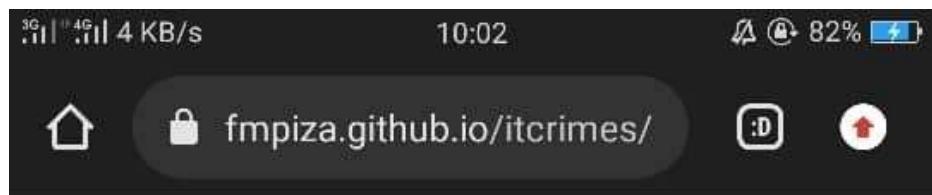
**O**nline IT Crimes Reducing System is an automated engineered system with a responsibilities of making sure that justice and all crimes are well reported and solved.

Wherever Crimes that will occur, it will be well reported, traced and law enforcing bodies will be accountable for a justice to take place.

A reported Crime will be stored in database for faster, effective and clear decision as required. In addition,







# CHAIN OF FORENSIC

A clear structure of case forensic is taken, including from a suspected area (Area of Crime) to the high law enforcing bodies for the justice decision

The logo of the Tanzanian Police, which includes a blue shield with a white border. Inside the shield is a white scale of justice on the left and a yellow torch with a flame on the right. The word "TANZANIA" is written in a large, semi-circular, yellow font across the top of the shield. Below the shield, the word "POLICE" is written in a bold, white, sans-serif font.

POLICE

Law enforcing procedures to a suspected person will be well taken for a justice. Therefore, further procedures

## 30. 2.0 TECHNOLOGIES USED

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

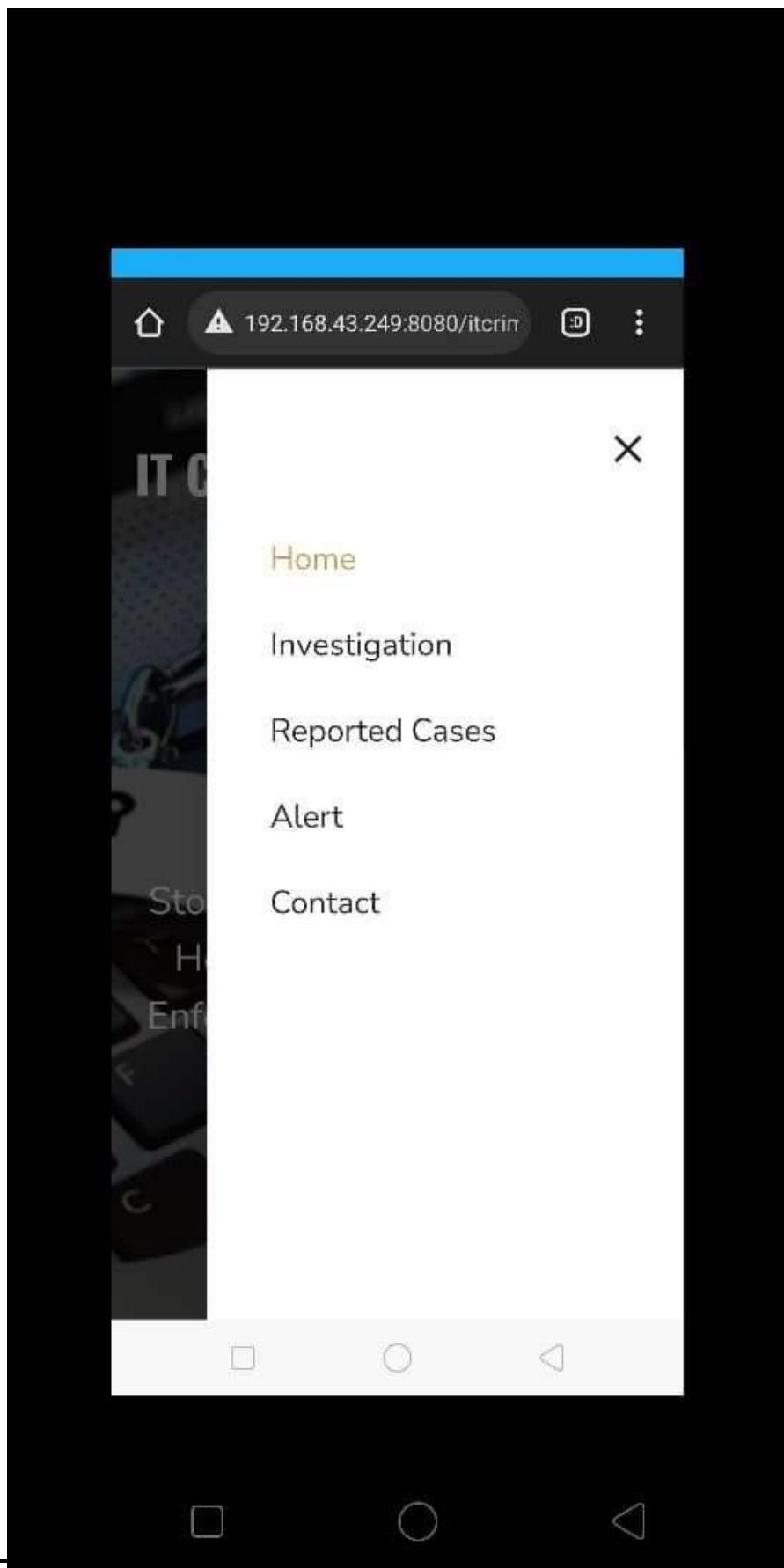
- Cryptographic Algorithms,
- Application Programming Interface (API)
- Security hashes
- JavaScrips (Js) and Cascading Style Sheet (CSS)
- HTML (Hyper Text Mark Up Language)
- Mysql Database

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

## 31. 3.0 NAVIGATION SECTION

A system was developed was categorized into sub sections including navigation bar in which the different system functionalities are expressed as follow;

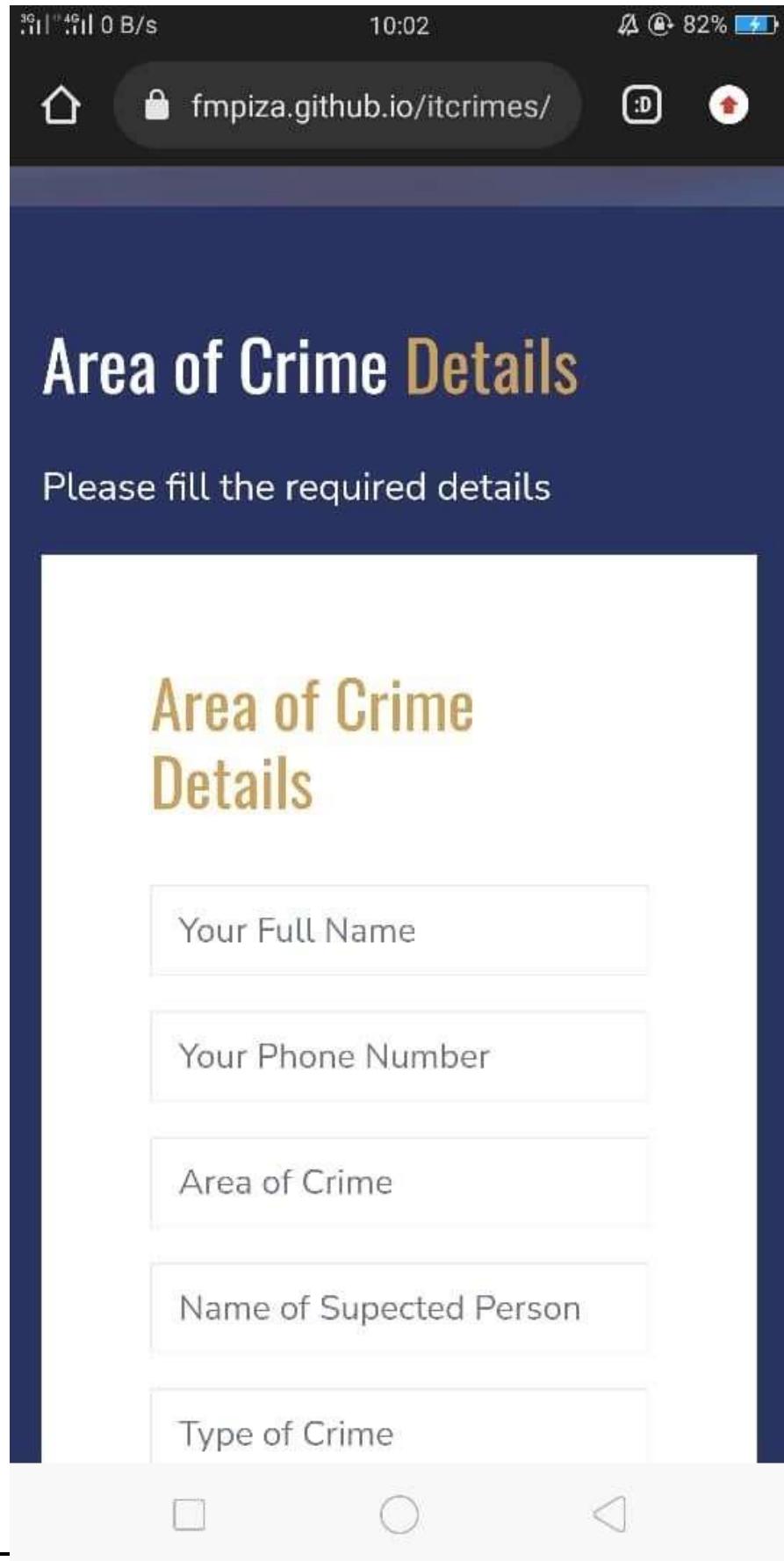


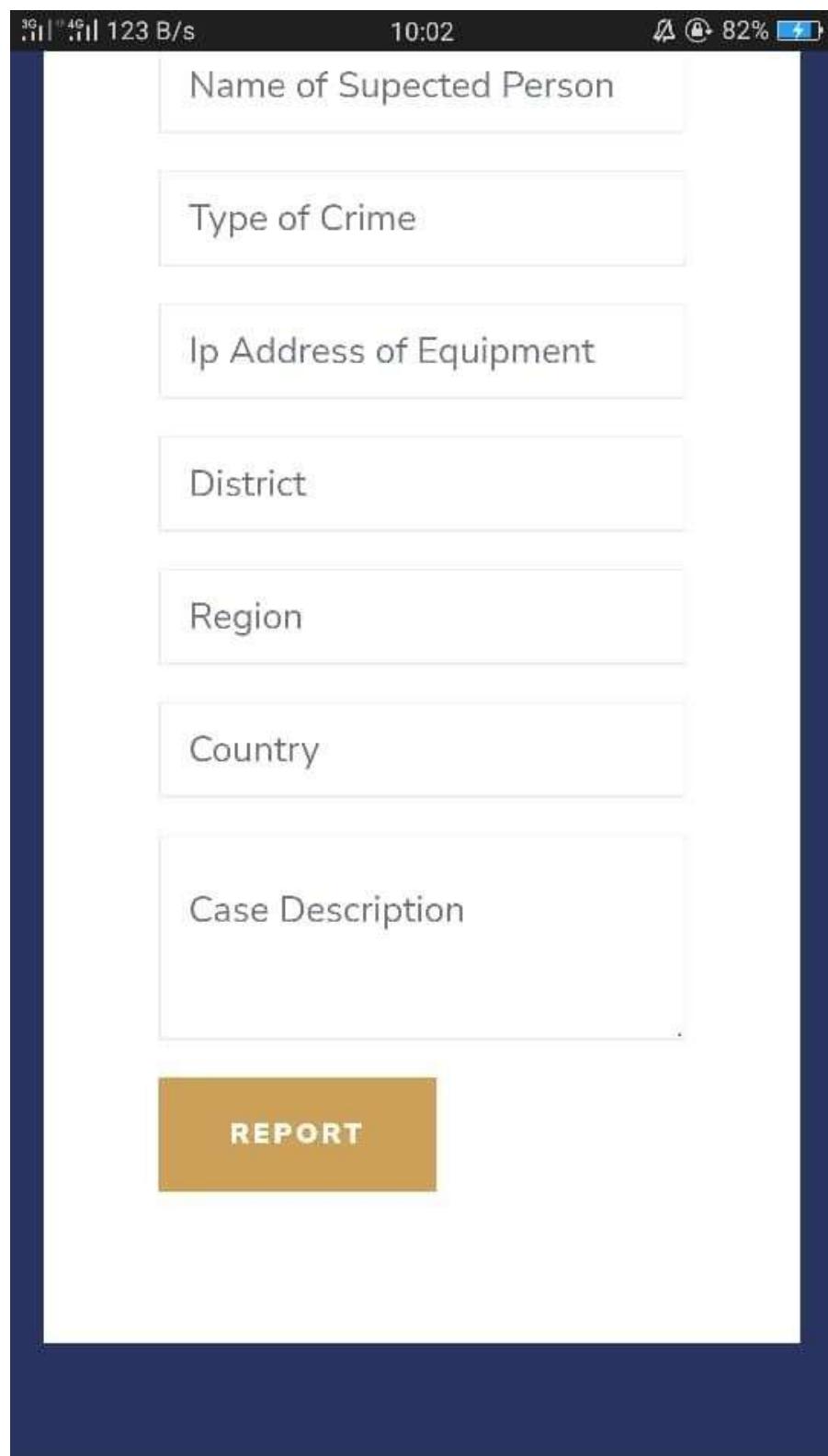


### 32. 3.1 Reporting Crimes Section

This is a section in the system where a system user can report a certain crime done by filling the required details which include;

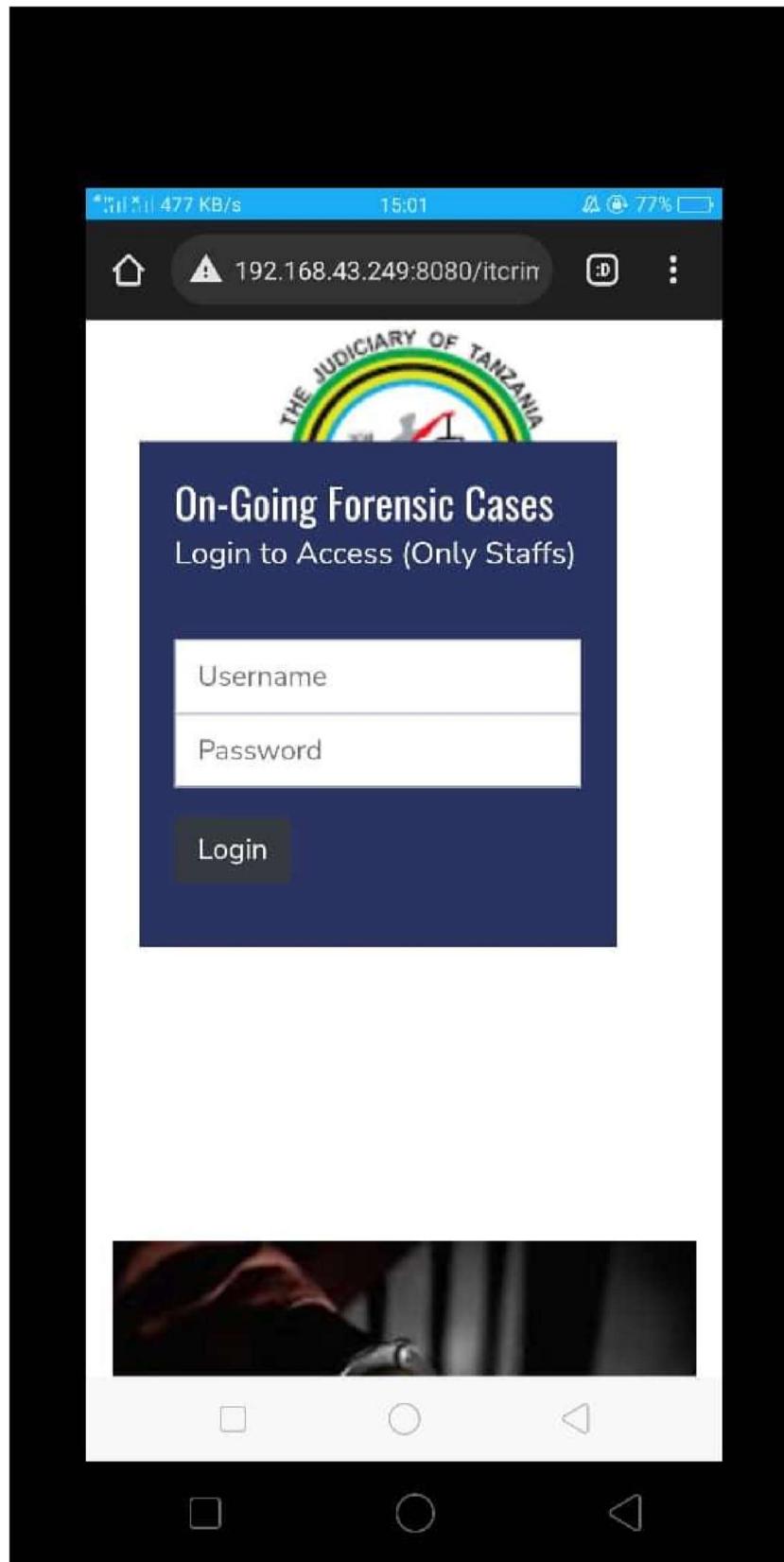
- The full name of reporter
- Phone Number
- Area of crime
- Name of suspected person
- Type of crime
- IP Address of Equipment (If available)
- District, Region and country of crime area
- Summary of case description It appears on the system as follow





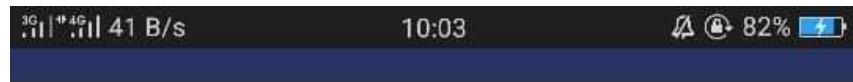
### 33. 3.2 Investigation Section

This is a section where a system user can see sub divisions of chain of forensic of a certain case. They include pre-mature stage of a case, mature and decision stage of reported case. Therefore, these sub sections can only be accessed by the law enforcing bodies so as to make a follow up of a certain case. It appears as follow



### 34. 3.3 Reported Cases

This section enable a system user to see some of reported cases and their law decisions. Here a system user can use as the reference or a case study to a specific kind of crime. It appears as follow.



## Solved Cases



Emmanuel Majaliwa

Police Officer

*Our work now is real effective after the invention of this system since it is a real time and user friendly to any one.*



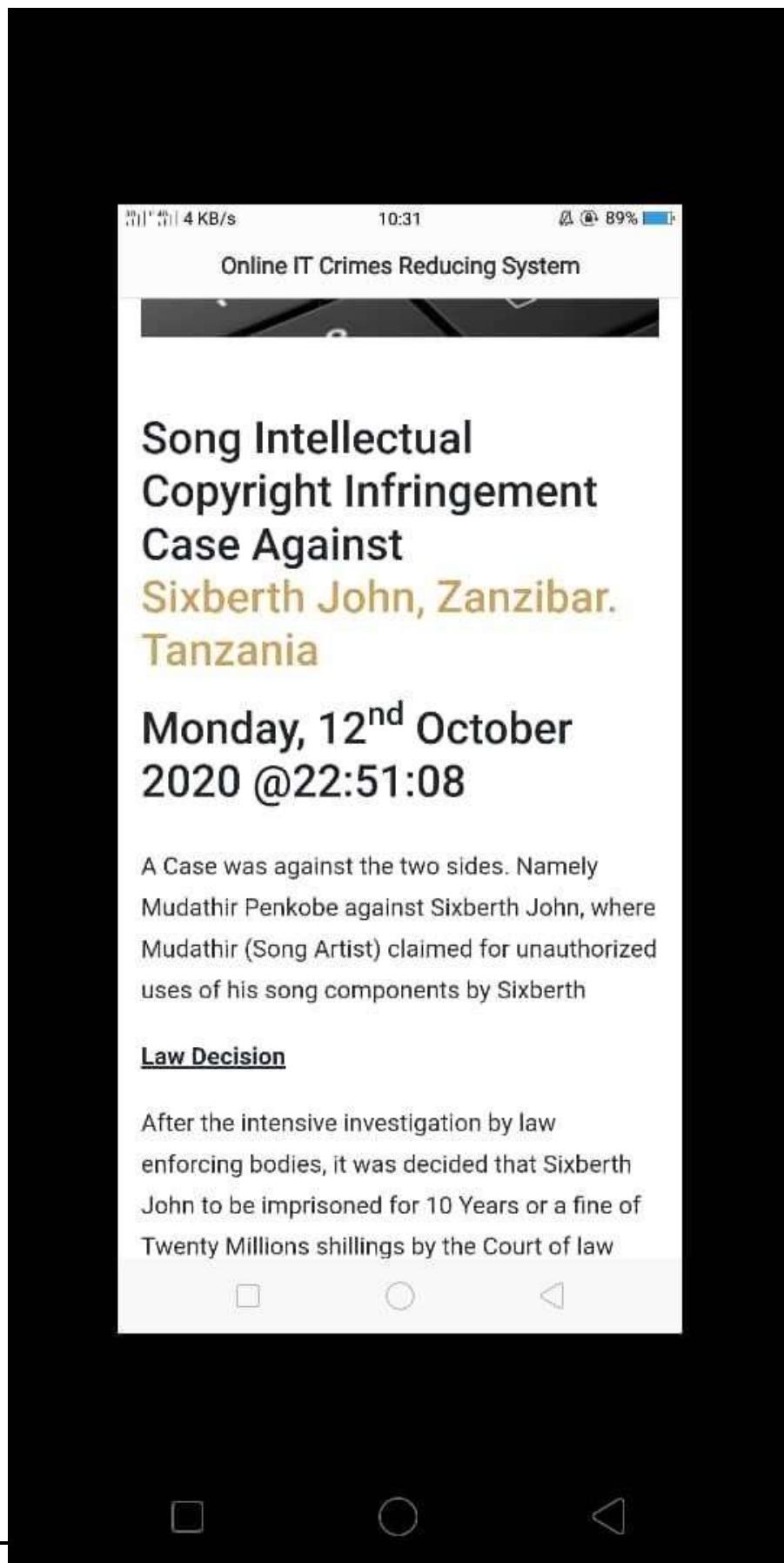
## Frequently Crimes

### Hacking

People steal confidential information of someone else without a









The screenshot shows a smartphone displaying a news article. At the top, there are signal strength icons, the text "671 B/s", the time "10:18", and a battery icon at 95%. The title of the article is "Online IT Crimes Reducing System". Below the title is a black and white photograph of two hands shaking over a dark surface. The main body of the article reads:

## Company Website Hacking Case Against Ibrahim Salum, Dar es salaam. Tanzania

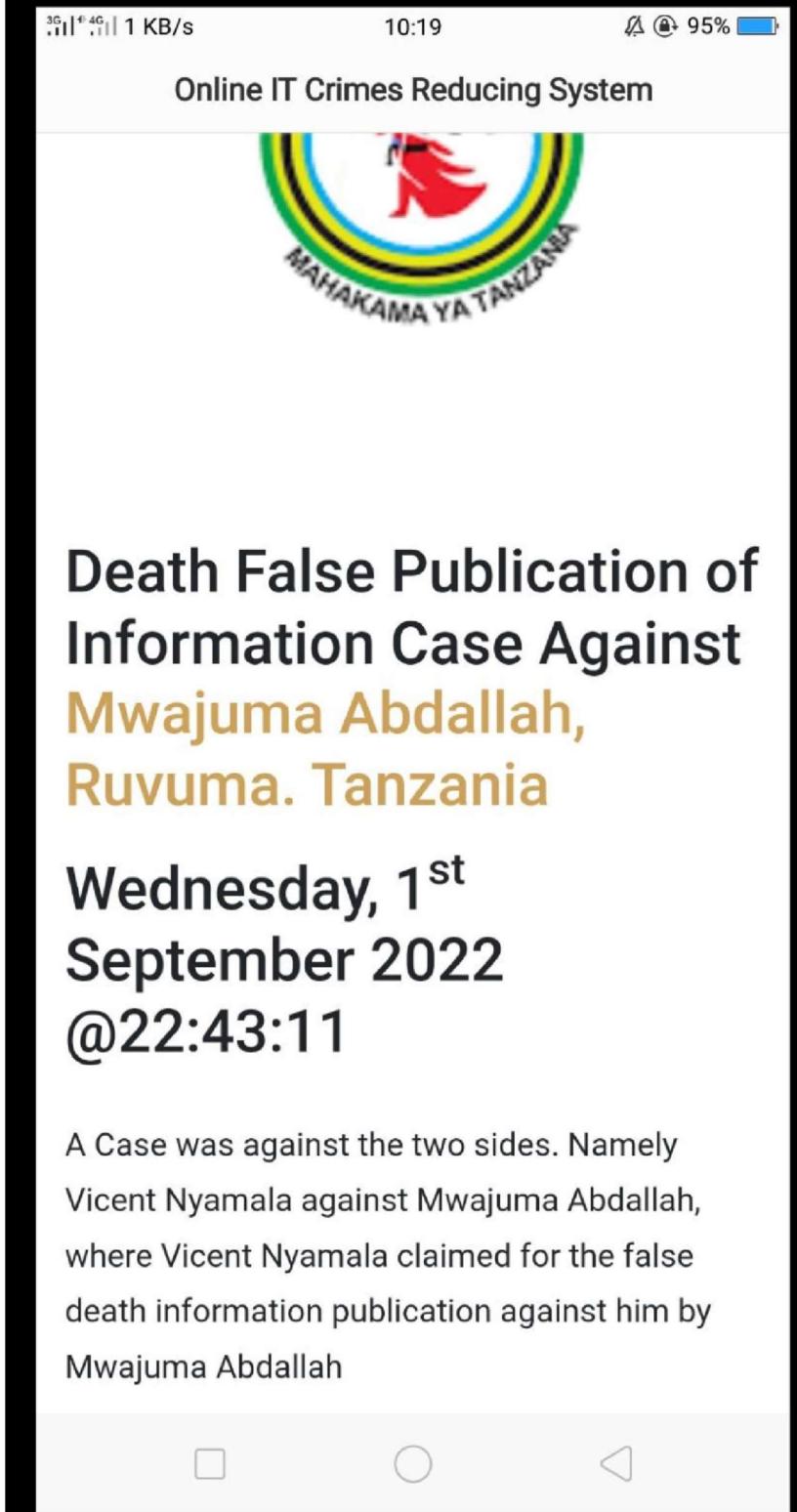
### Friday, 6<sup>th</sup> April 2022 @08:15:00

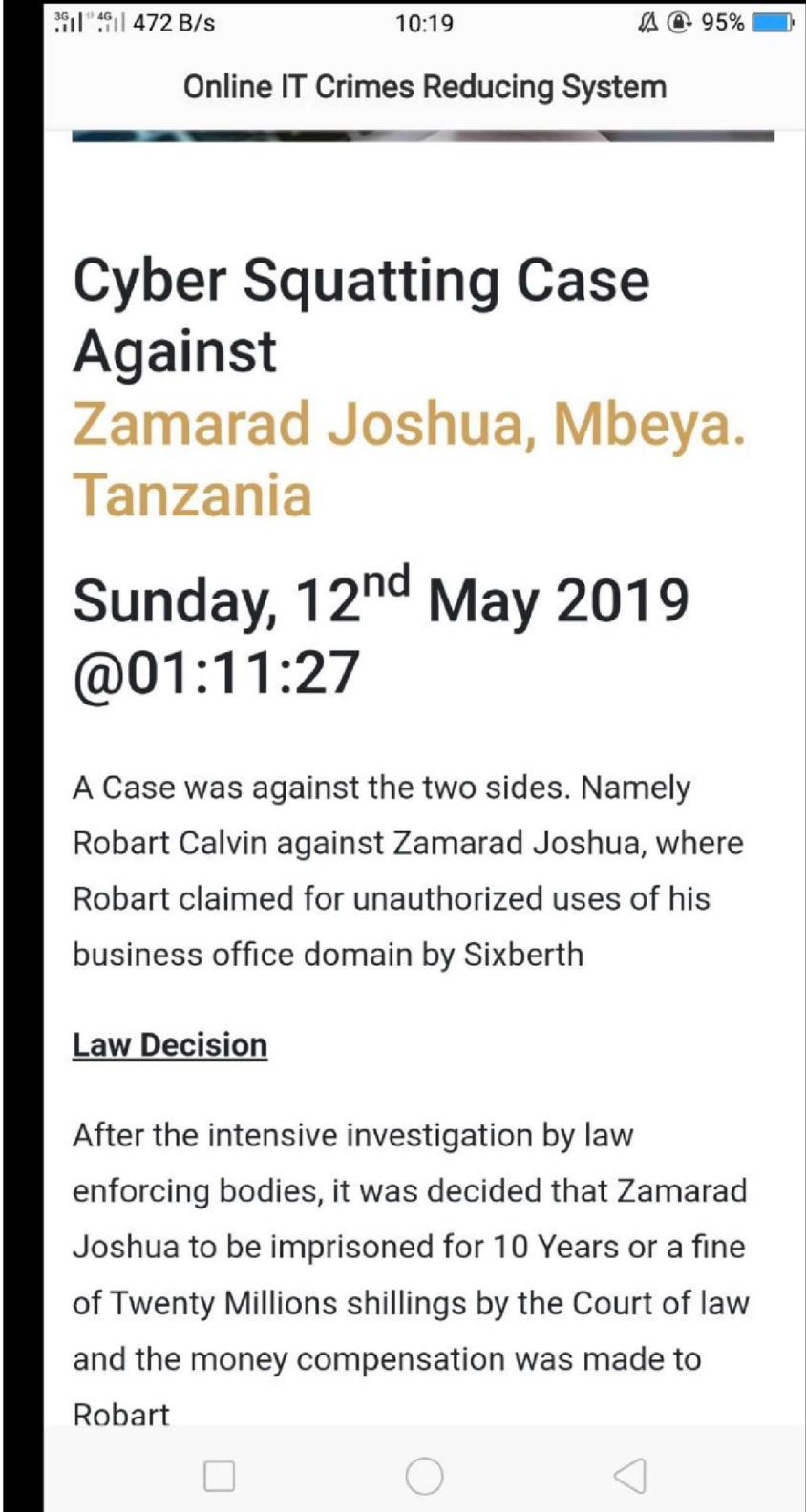
A Case was against the two sides. Namely Jackson Logistic Company against Ibrahim Salum, where Jackson (Company C.E.O) blamed for his company website to be hacked

**Law Decision**

After the intensive investigation by law enforcing bodies, it was decided that Ibrahim Salum (Black Hat hacker) to be imprisoned for 2

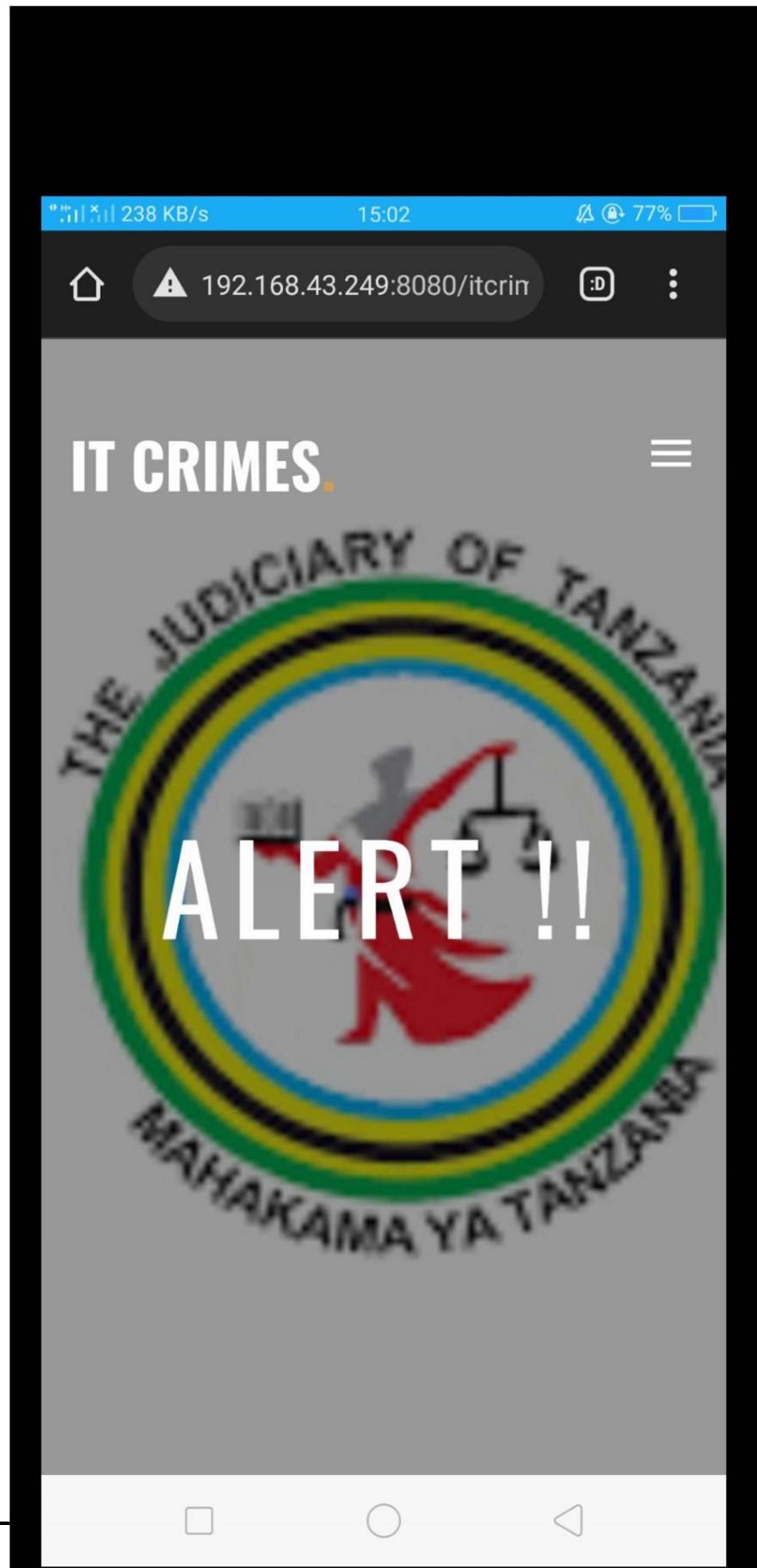
□ ○ ◀





### 35. 3.4 Alert

This a section of the system where user can get an alert on a certain kind of crime. For example; if you do this type of crime then you will be punished as this. Therefore, a system tend to give a precautions to the user according to a certain kind of crime. It appears as follow.



Personal Hotspot: 1 connection(s) Used: 30.8 MB

## Publication of false information

16.- Any person who publishes information or data presented in a picture, text, symbol or any other form in a computer system knowing that such information or data is false, deceptive, misleading or inaccurate, and with intent to defame, threaten, abuse, insult, or otherwise deceive or mislead the public or encourage commission of an offence, commits an offence and shall on

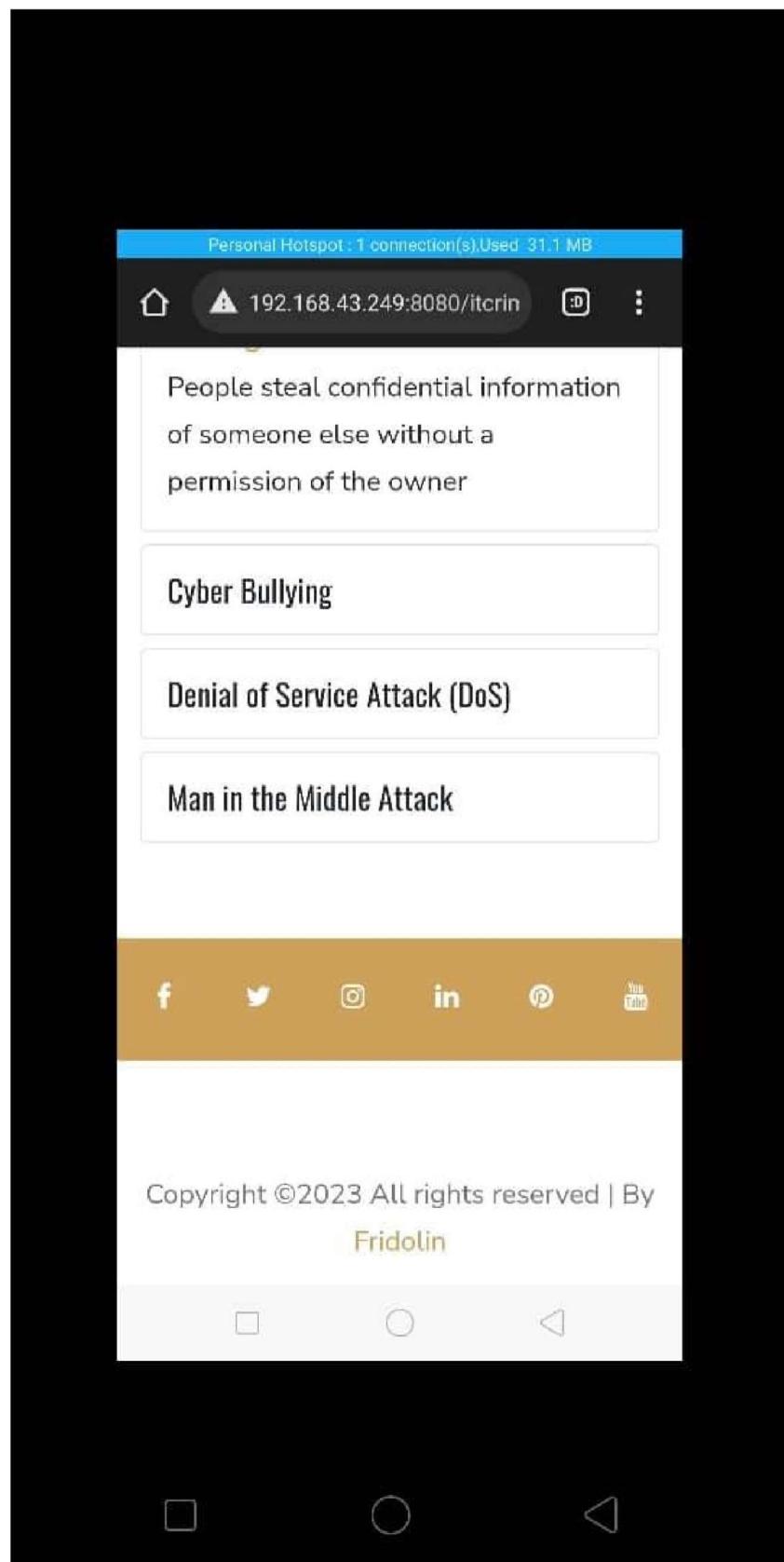
January 1, 2018

41

The screenshot shows a mobile browser window. At the top, there is a navigation bar with a house icon, a URL field containing "192.168.43.249:8080/itcrin", a refresh icon, and a more options icon. Below the navigation bar is the logo of the Mahakama Ya Tanzania, which features a red shield-like shape above a yellow and green circular emblem, with the text "MAHAKAMA YA TANZANIA" written around the bottom of the circle. The main content of the page is titled "Pornography" in a large, bold, black font. The text of the definition is as follows:

14.-(1) A person shall not publish or cause to be published through a computer system or through any other information and communication technology: (a) pornography; or (b) pornography which is lascivious or obscene. (2) A person who contravenes subsection (1) commits an offence and is liable on conviction, in the case of publication of- (a) pornography, to a fine of not less than twenty million shillings or to imprisonment for a term of not less

At the bottom of the screen, there is a white bar with three icons: a square, a circle, and a triangle pointing left. The entire browser window is set against a dark background.



### 36. 3.5 Contact

This section of a system tend to give an opportunity to a system user as an alternative means of communication to the authority especially in an technical related issues of the system.

## 37. 4.0 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.

## 38. 5.0 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

## 5. PROJECT COSTS

Task	Price (USD)	Price (Tsh)
Initial Invoice	85 / =	200,000/=

**Fridolin's Technology Company  
COMPANY PROFILE**

Approved Design Invoice	128/=	300,000/=
Final Invoice	128/=	300,000/=
TOTAL AMOUNT	300 USD /=	800,000/=



## **e-VOTING MANAGEMENT SYSTEM PROPOSAL**

Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer

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### 39. 1.0 INTRODUCTION

This is an engineered platform developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can process for their voting activities in the society. Through a system, user can vote for his or her candidate and seeing for the results in a very friendly mode of system interaction

A platform designed with the aim to be used in different voting activities in the society. It comprises the details of candidates in the process of election therefore a system user can only vote by clicking on the single button appears on the system dashboard.

### 40. 2.0 TECHNOLOGIES USED

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

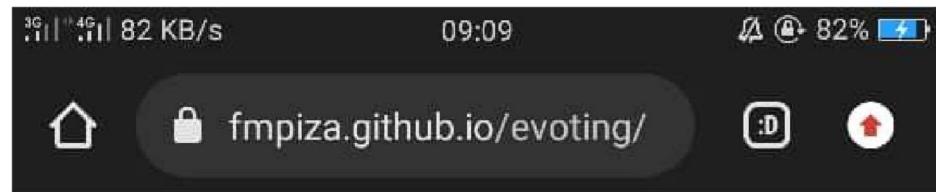
- Cryptographic Algorithms,
- Application Programming Interface (API)
- Security hashes
- JavaScripts (Js) and Cascading Style Sheet (CSS)
- HTML (Hyper Text Mark Up Language)
- Mysql Database

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

#### 41. 3.0 SYSTEM DASHBOARD

##### 42. 3.1 Voting Section

- This is a system section where user can make a vote to a certain candidate. Therefore, he can vote by only click the Vote Button which appears on the system dashboard. It appears as follow



**Abraham Joel**  
Candidate to Be: [Chair Person](#)

**Slogan :** "I real promise to change the



3G | 4G | 0 B/s      09:09      82% 

strategies for development

[View Election Rules](#)      [Vote](#)



**Fridolin Sebastian**  
Candidate to Be: [Chair Person](#)

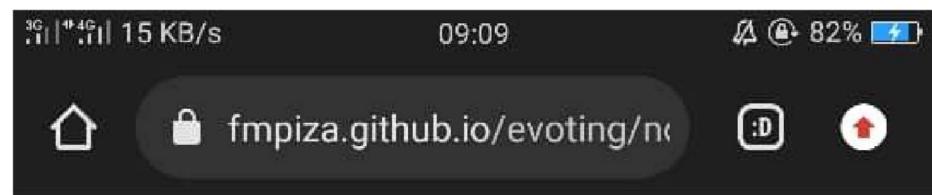
**Slogan :** "Nothing to say, than please vote for me for entire achievements in the society"

[View Election Rules](#)      [Vote](#)



□      ○      ◀







3G | 4G | 0 B/s      09:09      A 82% 

**Slogan :**Nothing to say, than please.

### Election Rules

X

- A system will allow you only one vote, apart from that your vote will be invalid.
- Vote analysis process is automatic generated on the system. Therefore, no any one can interfere it
- Data security is very high



**Sarah Obadiah**  
Candidate to Be: **Chair Person**

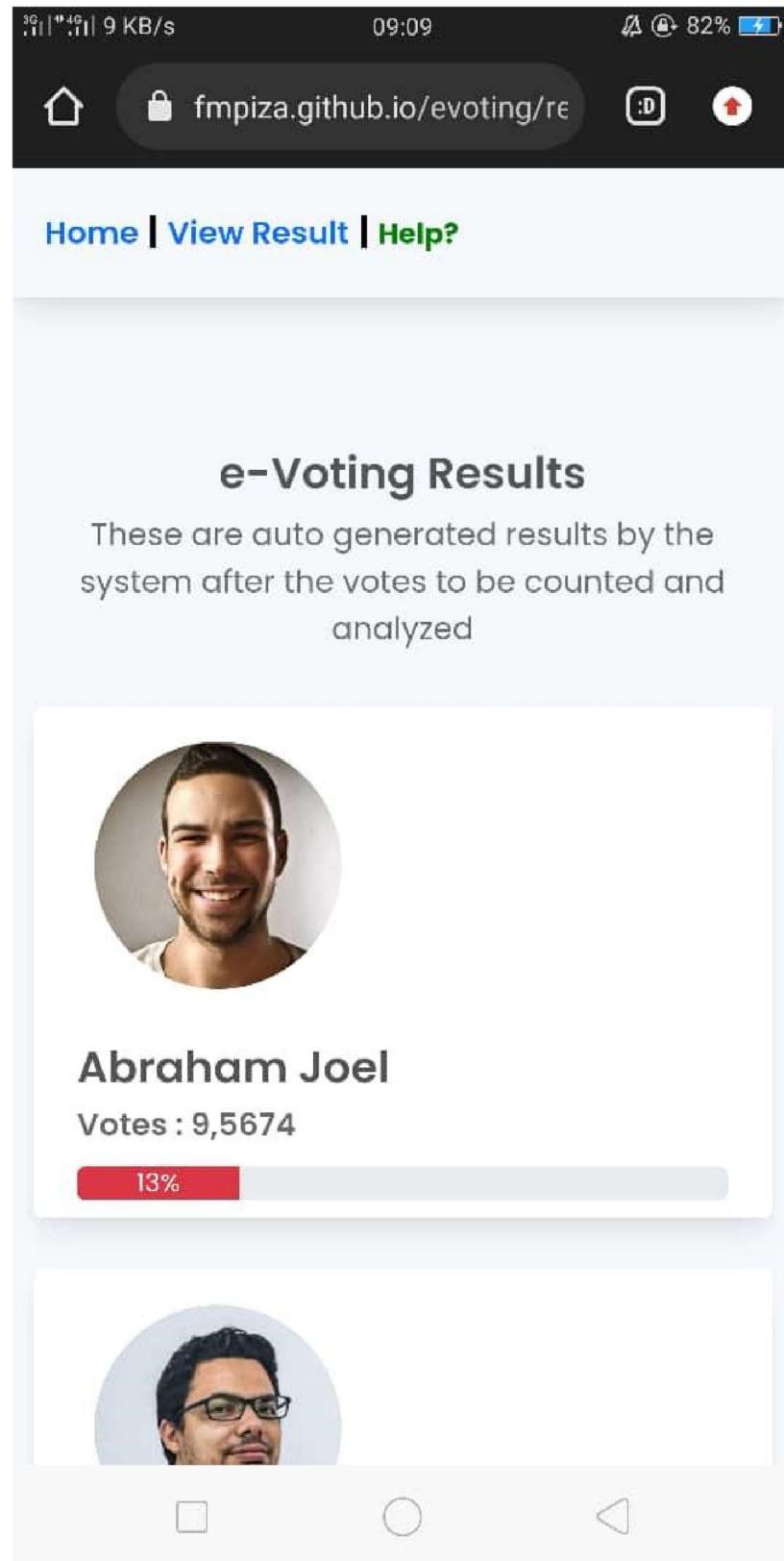
**Slogan :**"Hi, please vote for me. Your will enjoy"

**View Election Rules** **Vote**

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### 3.2. Votes Results Section

- On this section, a system user can view the vote results by clicking on the View Result section which appears on the system dashboard where he can see results in form of percentage calculated to each corresponding candidate. It appears as follow

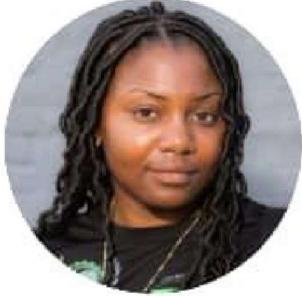


3G | "4G | 0 B/s      09:09      A 82% 



**Fridolin Sebastian**  
Votes : 34,567  

30%



**Sarah Obadiah**  
Votes : 89,337  

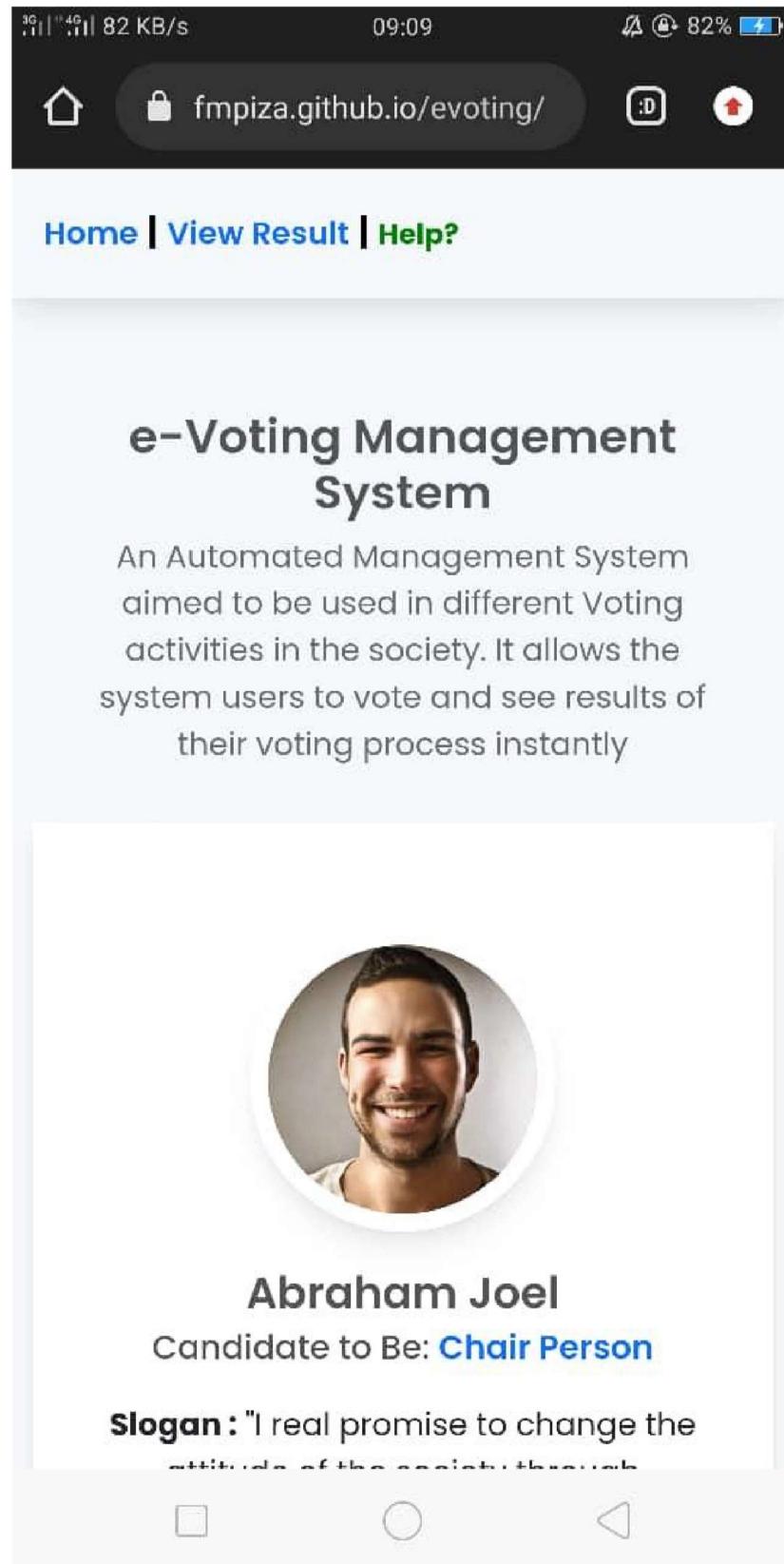
57%

2023 © All Rights Reserved.  
Developed by **Fridolin**



### 3.3. Help Section

- On this section, a system user can see a contact phone number for help so as to solve any technical or advice issues in relationship to the operation of the system. It appears as follow



3G | 3 KB/s

09:54

87%

Create New Contact

Add to Existing Contact

Tanzania

+255683168429 

1  
QWERTY

2  
ABC

3  
DEF

4  
GHI

5  
JKL

6  
MNO

7  
PQRS

8  
TUV

9  
WXYZ

\*

0  
+

#



SIM1



SIM2



Phone



Contacts



Favorites



#### **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/=
<b>TOTAL AMOUNT</b>	<b>300 USD / =</b>	<b>800,000/=</b>



## ETHICAL HACKING TECHNIQUES PLATFORM PROPOSAL

Prepared by: FRIDOLIN MPIZA, Tanzania Network and  
Software Engineer

## CONTENTS

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### 43. INTRODUCTION

This is an engineered platform developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can learn several ethical hacking techniques with the aim of making sure that he/ she is on a safe side against the black hat hackers.

A platform designed with the aim of enabling the system user to improve security in his daily activities so as to avoid an intensive negative attacks. Also, a platform can help a system user to improve and safeguard his online profile on the cyberspace.

### 44. 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
- JavaScipts (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.

### 45. PRODUCT FEATURES

#### System Dashboard

- A 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. It appears as follow

The image shows a mobile phone displaying a presentation slide. At the top, there is a blue header bar with white text that reads "Personal Hotspot : 1 connection(s).Used 11.6 MB". Below this is a black navigation bar with icons for home, back, forward, and settings. The main content area has a dark blue background. At the top left, the text "Ethical Hacking" is displayed in large white letters. On the right side, there is a white three-line menu icon. In the center, the text "You are only here for learning." is displayed in large white letters. Below this text is a white rectangular button with the text "Contact Me" in white. At the bottom of the slide, there is a decorative image of a person's profile against a digital grid background with binary code and network connections.

Personal Hotspot : 1 connection(s).Used 11.6 MB

Home Back Forward Settings

Ethical Hacking

You are only here for learning.

Contact Me

# Ethical Hacking



## Welcome To Fridolin's Ethical Hacking Techniques Page.

Remember, You are only here for learning not otherwise. For any destruction in the society, I will not be answerable.

You will be able to learn on the following hacking modules; Website Hacking, Mobile Application Hacking, Network (WiFi) Hacking, Password Cracking/ Brute-Force





# Ethical Hacking



## Security Assets

Nowadays, the extent of online security threats is so high. What the platform here is doing. It is a place to share, learn and doing the meetups with several stakeholders on the cyberspace.

```
Host is up (0.11s latency).
Not shown: 998 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
443/tcp   open  https

imap scan report for 115.208.33.186.in-addr.arpa (186.33.208.115)
Host is up (0.027s latency).
All 1000 scanned ports on 115.208.33.186.in-addr.arpa (186.33.208.115) are filtered.

imap scan report for 116.208.33.186.in-addr.arpa (186.33.208.116)
Host is up (0.021s latency).
All 1000 scanned ports on 116.208.33.186.in-addr.arpa (186.33.208.116) are filtered.

imap scan report for 117.208.33.186.in-addr.arpa (186.33.208.117)
Host is up (0.032s latency).
All 1000 scanned ports on 117.208.33.186.in-addr.arpa (186.33.208.117) are filtered.

imap scan report for 118.208.33.186.in-addr.arpa (186.33.208.118)
Host is up (0.025s latency).
Not shown: 999 filtered ports
PORT      STATE SERVICE
443/tcp   open  https

imap scan report for mx02.educ.gov.ar (186.33.208.120)
Host is up (0.021s latency).
All 1000 scanned ports on mx02.educ.gov.ar (186.33.208.120) are filtered.

imap scan report for host-186-33-209-81.modernizacion.gob.ar (186.33.209.81)
Host is up (0.039s latency).
Not shown: 997 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
```

Personal Hotspot : 1 connection(s), Used 104 KB

92.168.43.249:8080

Eth...  
Ha...  
Home  
About  
Our Training  
Testimonials  
Services  
Blog  
Contact

Mobi...  
Updat...  
These...  
hacker...  
function...  
party...  
Click t...

### 3.2. Website Hacking

- On this section, a system user can learn by viewing the tutorial video on a sequential manner of learning on how the website can be hacked by using several techniques. Therefore, a system user should be able to practice in his daily life. It appears as follow

# Ethical Hacking



## Knowledge Basket

Be a part of security, online profit, trust and profile improvement.



### Website Hacking

Updated

These are techniques on how black hat hackers tend to misbehave on websites/platforms with their own financial,

### 3.3. Mobile Applications Hacking

- Also, a system user is able to learn on several mobile applications hacking by viewing tutorial videos through which he can practice in his daily life for the best competence and accuracy. Therefore, a platform can enable him to manage the skills gained by making an actual applicability. It appears as follow

5 KB/s 09:43 24%

# Ethical Hacking



platforms with their own financial, enjoyment or destruction interests.

*Click to view..*



## Mobile Apps Hacking

Updated

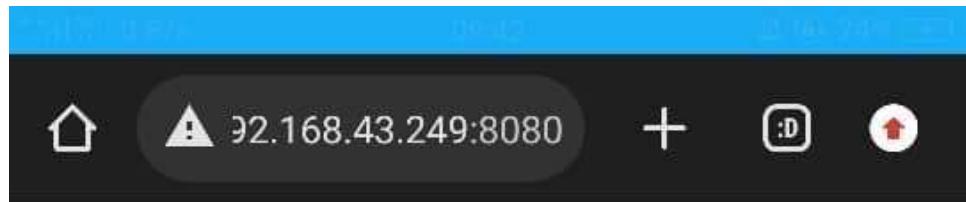
These are the techniques on how black hat hackers tends to misbehave on the functionality of mobile applications of third-party with their own negative interests.

*Click to view..*



### 3.4. Network Hacking (WiFi)

Here a system user can also learn through a tutorial videos in a sequential manner for an easy way of getting skills. Also, a platform enables a system user to learn how the WiFi or network of a certain area can be easily hacked. It appears as follow.



# Ethical Hacking

=

## Be a part of your own security

Grab a knowledge against several hackers' behaviours that can lower your online profile, visibility, trust and financial channels.



### Digital Security Algorithms

A world with high security is very essential since even the users of the mobile apps tends to enjoy the



### 3.5 Buffer Overflow Attacks

Here a system user is able to learn on how the buffer overflow can be easily attacked in a sequential tutorial videos for him or her to practice in his daily life. It appears as follow

WIFI 0 B/s 09:42 24% 🔋

# Ethical Hacking



## Security Assets

Nowadays, the extent of online security threats is so high. What the platform here is doing. It is a place to share, learn and doing the meetups with several stakeholders on the cyberspace.

```
Host is up (0.11s latency).
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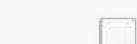
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Host is up (0.039s latency).
Not shown: 997 filtered ports
PORT      STATE SERVICE
80/tcp    open  http
```



### 3.6 Online Profile Safeguarding

Also a system can enable user to improve his online profile against the black hat hackers which can lowers them in their daily business profile activities or the similar tasks. Therefore, a platform can enable them to learn by using the sequential tutorial videos uploaded on the platform. It appears as follow.

Personal Hotspot | 1 connection(s) Used: 11.9 MB

# Ethical Hacking



## Stop Online Money fraud

Know how to avoid and escaping from scamming and online hackers mode of conducts in your daily financial tasks.



## Safeguard Your Online Profile

Especially, to online business people.

Increase your online profile confidence as

The screenshot shows a mobile application interface. At the top, there is a blue header bar with signal strength, battery level (23%), and time (09:43). Below the header is a black navigation bar with icons for home, address (showing 92.168.43.249:8080), plus, and a red arrow. The main content area has a white background. On the left, the text "Ethical Hacking" is displayed above a "Send Message" button. On the right, there is a three-line menu icon. Below this, a dark gray sidebar contains the following text:

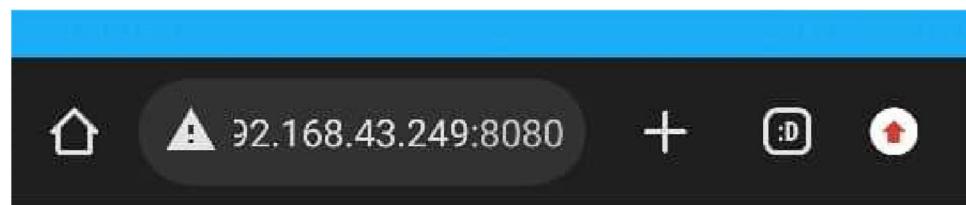
About Fridolin  
Msc. Holder in Information Security, CCNA  
Network Security Cisco Certified, Ethical  
Hacker, Digital Forensic & Biometric Expert  
and Software Engineer.

Quick Links

About Us

...  
...  
...

At the very bottom, there is a navigation bar with icons for back, forward, and search.



# Ethical Hacking



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