

Confidentiality Agreement (NDA)

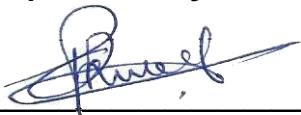
The undersigned reader acknowledges that the information provided by Lockminds Company Ltd in this document is confidential; therefore, reader agrees not to disclose it without the express written permission.

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To the reader.*

The GreenApp idea is patented at COSOTA and BRELA and is still under development and testing.

Today 20th March 2019, Placidius Rwechungura has shared this document with Mr. Dunstan Buberwa for the purpose of advise to implement his project to meet users requirements as Mr. Dunstan is an expert who is experienced enough in the field of Agriculture in Africa.

Prepared by



Name

Placidius Castus Rwechungura (20/03/2019)



ELEVATOR PITCH



Farm and produce more by using Technology

One of the best ways to help attract more of the youth to **farming** is to introduce one technology that can immediately change the face of **farming**. Registered in September 2018, Lockminds is as an Innovation Startup dealing with Agriculture Technology, Software development, Responsive Websites, Mobile Apps and Artificial Intelligence. We want to improve food production in Africa by teaching people to adapt **CLIMATE SMART AGRICULTURE** through the use of **MOBILE TECHNOLOGY**.



PROBLEM DEFINITION

- I. Climate Change
- II. Very Few Agronomists/Extension Masters
- III. Poor farming knowledge
- IV. Data Management Issues
- V. No access to bank loans
- VI. Markets Issues
- VII. Pests and Disease Challenge



GreenApp is a mobile and web app that uses AI (brain) to sort out the above farmers challenges



SOLUTION

GreenApp an informative web and android app which is designed to bring revolution in agriculture sector. It has multiple inbuilt features which are integrated with artificial intelligence to bring super services to subscribers. It is a user friendly system customized to suit even rural dwellers with smartphone access. The system will offer to the farmers an Online agro market and farm implement shops, real time data management, online agriculture extension officer's advisory services, Veterinary services, accurate Weather forecast, and general advertisement platform of all sort which support agriculture sector.

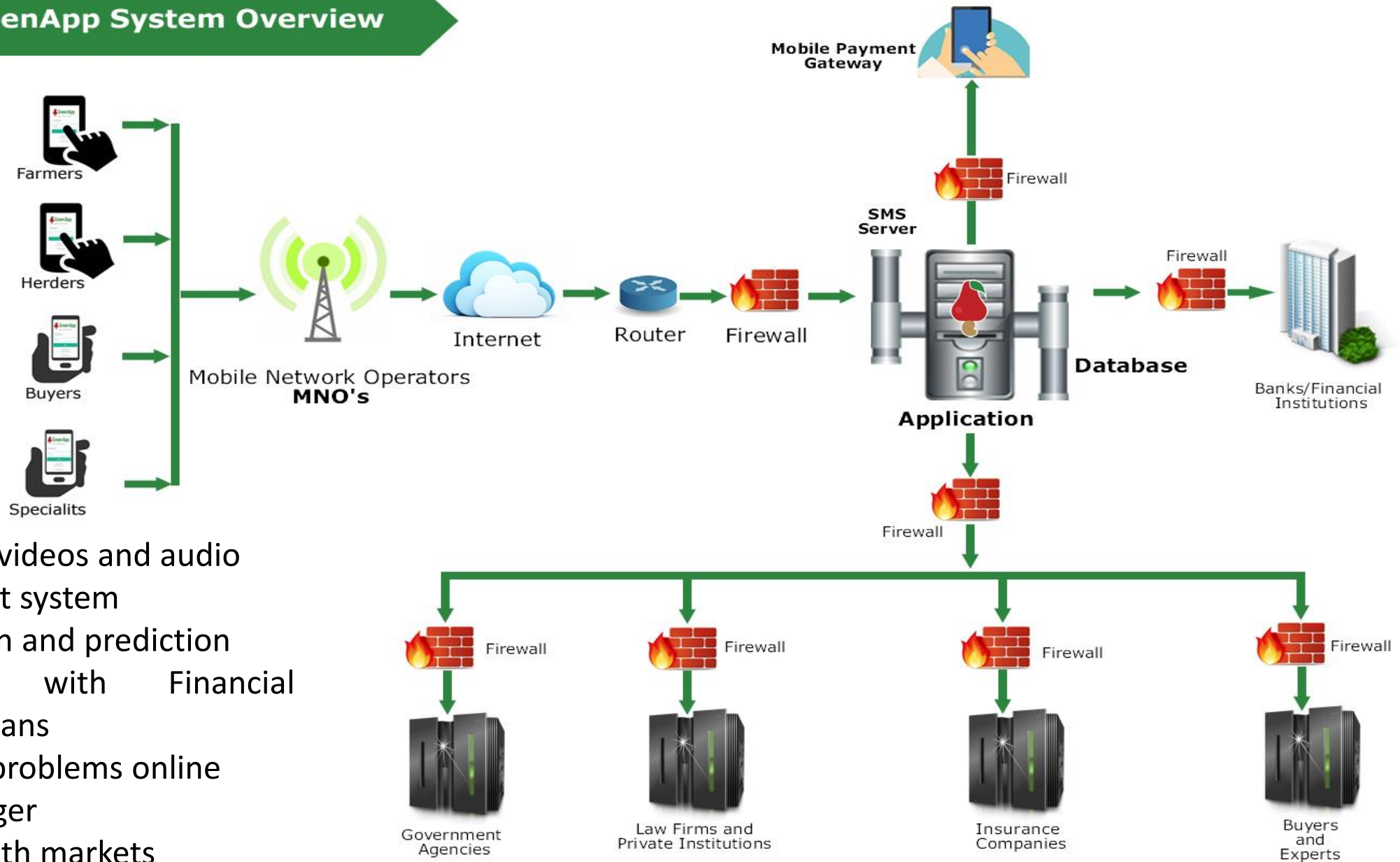
This system aim at precision agriculture on the entire crop cycle, where farmers will be able to precisely and correctly apply amount of inputs to crops hence increasing farm productivity and maximizing its yields. Farm inputs like water, fertilizer, pesticides are applied at correct time, right amount, and at the right place through system support.

The system is able to SCAN DISEASES by allowing the user to take pictures of the affected plant and submit to the database. The system replies the farmer automatically without any human intervention hence simplifies the extension masters tasks

“In one word, we want to make every farm and every farmer traceable. Imagine buying Irish potatoes from a store and when you scan the potatoes, you get information on which plot, which area, when the apple was first planted, what pesticides were used on it, etc. That's what our technology does,”

GreenApp System Overview

SOLUTION



- I. Teaching through videos and audio
- II. Farm management system
- III. Weather Detection and prediction
- IV. Links farmers with Financial Institutions for Loans
- V. Sort out Farmers problems online
- VI. Prediction of Hunger
- VII. Linking farmers with markets
- VIII. Uses brain to detect disease (AI)
- IX. Man Power Management

VIDEO CATEGORIES

Crops 4 Videos

Fruits 0 Videos

Browse Videos

MY VIDEOS

Livestock

Sheep

Cows

Crops

Onions

Watermelon




Introduction to Azolla



Importance of Azolla



 Mostly cloudy
28.9 °C

 Area Utilized
0 %

 Message
260

 Notification

CREATE FIELD

- FIELD MANAGEMENT
- Details
 - Resources
 - Weather
 - Reports
 - Activities
 - Crops

FIELD DETAILS

Kibamba Farm


Dar es salaam, Ubungo

Name	Kibamba Farm
Location	Ubungo
Area	2 ha
Land Type	Clay loam
Ownership	Lease


SEE HOW YOUR FARM CAN BE TRACED



Location: Dar es Salaam City: Kinondoni Country: Tanzania




Mostly cloudy
30 °C



Area Utilized
0 %



Message
260



Notification
0

CREATE FIELD

FIELD WEATHER INFORMATION

A thundershower Tuesday morning

SEE HOW YOU CAN BE ABLE TO GET WEATHER PREDICTION

- FIELD MANAGEMENT
- Details
 - Resources
 - Weather
 - Reports
 - Activities
 - Crops

Monday 04/02/2019	Tuesday 05/02/2019	Wednesday 06/02/2019	Thursday 07/02/2019	Friday 08/02/2019
Max: 33°C	Max: 32.3°C	Max: 32.7°C	Max: 32.9°C	Max: 32.4°C
Min: 25.5°C	Min: 25.9°C	Min: 26°C	Min: 26.5°C	Min: 26.2°C
Precip prob: 25	Precip prob: 42	Precip prob: 25	Precip prob: 14	Precip prob: 40
Rain Prob: 24	Rain Prob: 42	Rain Prob: 25	Rain Prob: 14	Rain Prob: 40
Wind speed: 18.5 km/h	Wind speed: 20.4 km/h	Wind speed: 22.2 km/h	Wind speed: 24.1 km/h	Wind speed: 25.9 km/h

Register New Store

CROPS

TOP MARKETS

Mabibo - Dar es salaam

Kilwa - Lindi

Kariakoo - Dar es salaam

Ngaramtoni - Arush

Country

Select Country

State

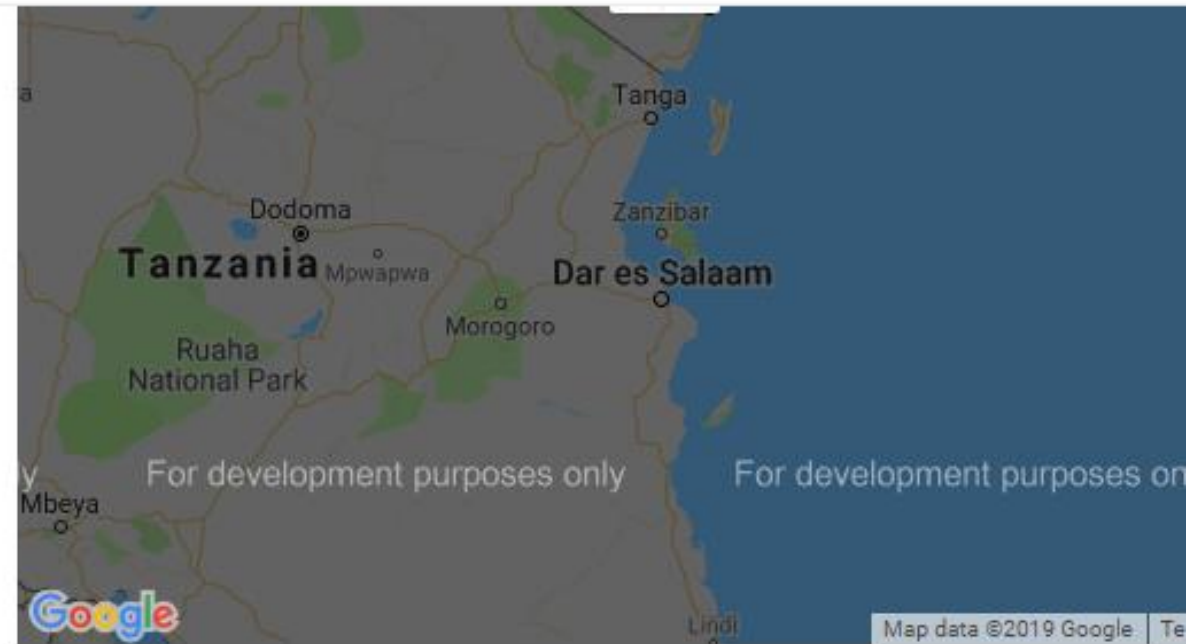
Select country first

City

Select state first

SEARCH

For better results fill in all fields in the search form above and click search



CLEAR MAP

SEARCH

ABLE TO SEE TOP MARKETS
CROPWISE

Show 25 entries

Search:

Copy

CSV

Excel

PDF

Showing 1 to 5 of 5 entries

Crop	Market	Price : Yesterday	Price : Today	Option
Kahawa	Stendi Mpya, Tandahimba - Mtwara		N/A	details
korosho	Stendi Mpya, Tandahimba - Mtwara		N/A	details

Dashboards

Default

Financial

Loans

Clients

Users

Branches

Farmers

3

Total Farmers

Headers

1

Total Headers

Officers

0

Administrators

Branches

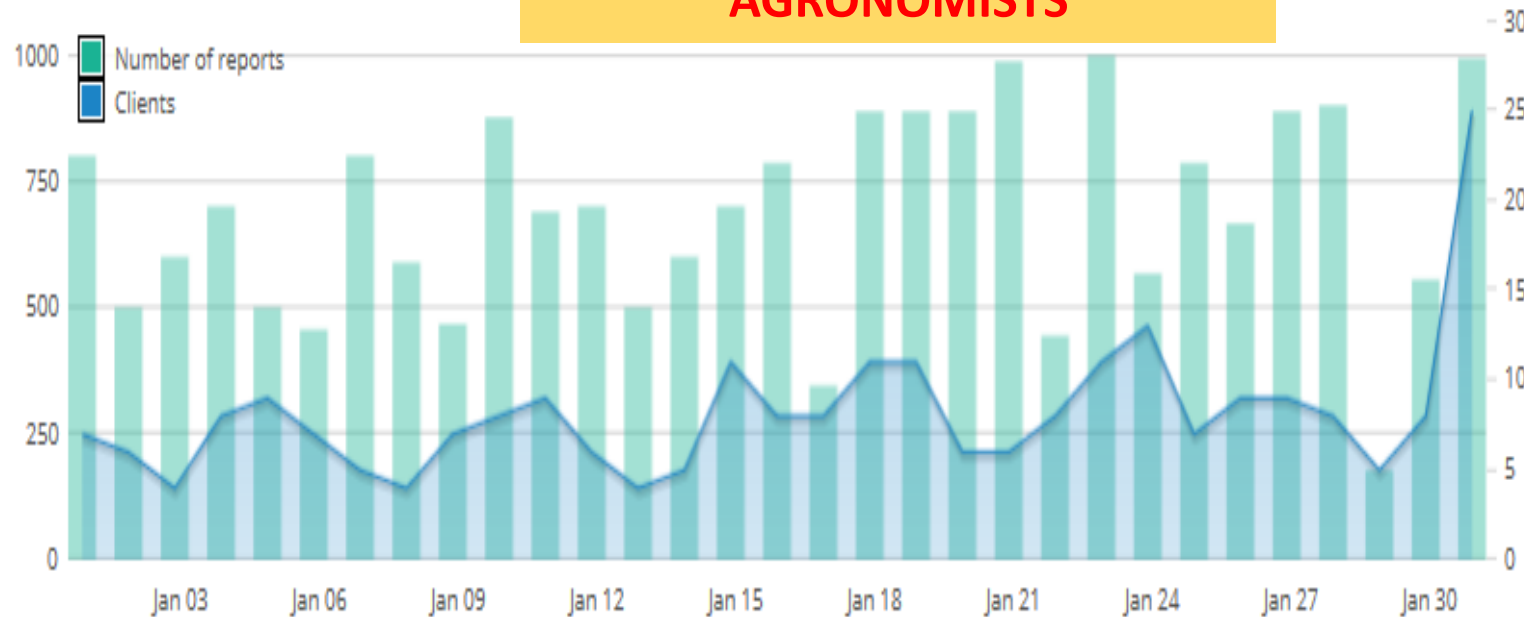
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Branches

FOR AN INSTITUTION, YOU CAN GET DIFFERENT REPORTS FROM YOUR FARMERS AND AGRONOMISTS

Client Reports Statistics

Today Monthly



2,346

Yesterday Reports

48% ↑

4,422

Last Week Reports

60% ↓

9,180

Last Monthly Reports

22% ⚡

Dashboards <

Loans <

Clients >

Overview

Configuration

Users <

Branches <

Farmers

3

Total Farmers

Headers

1

Total Headers

Officers

0

Administrators

Branches

0
















Branches

AN INSTITUTION IS ABLE TO CONTACT ALL REGISTERED FARMERS LOCATIONWISE

Show entries

Copy CSV Excel PDF Print

Showing 1 to 5 of 5 entries

Name	Branch	Contact	Type	Options
justine Govella	Head Quater	255738309698   	Header	open
Mario Kimario	Head Quater	255762085238   	Farmer	open
Placidius Ryechengura	Head Quater	0714085617   	Farmer	open
Sarah Daniel	Head Quater	237677394699   	Farmer	open
Violet Mashauri	Kijitonyama	255653349225   	Branch Admin	open

Previous 1 Next



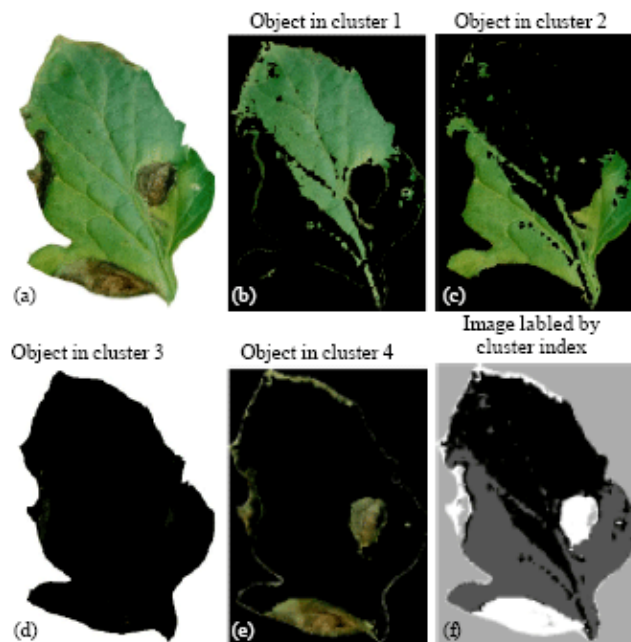
COMPETITIVE LANDSCAPE

IT CAN SCAN AND DETECT DISEASE WITHOUT ANY HUMAN INTERVENTION (by taking photos via smart phones)

GreenApp is a purely CSA App

Unlike Other Apps

- ✓ it gives weather fore casting,
- ✓ sends sms on weather change,
- ✓ allows Audio and video contents for educational purposes.
- ✓ Uses AI (Artificial Intelligence to detect pests and determine the risks in the farms)
- ✓ **Design farmer field schools** to enable farmers to share their field experience with each other
- ✓ Connects Farmers with Experts
- ✓ Links Farmers with live Markets
- ✓ **Create a social media presence** and an online database to share information and current findings on CSA, nationally and globally





ADDRESSABLE MARKET





MANAGEMENT TEAM



Placidius Castus Rwechungura
Founder and CEO
Front End Developer and Customer Care



Kelvin Bernard
Co-Founder
SoftwafeProgrammer
AI, Data Mining



GreenApp Technical Team/Engineers



Thank you

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Climate Smart Agriculture

@Lockminds