KIENYEJI Mobile/Web App

Developers

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Kienyeji is a mobile and web application designed for KALRO, by the winning team during the CODATA hackathon on Saturday Nov 11th 2017.

The application is designed to connect indigenous chicken farmers to KALRO and each other.

The mobile application is mainly for the farmer while the web was designed as an administrative tool for KALRO.

Datasets used:

1. Local innovation for food security and livelihood – Brooding sites data

2. Small holder poultry agribusiness development programme: Commercialization of indigenous poultry in Kiambu, Laikipia and Murang'a Counties

3. KALRO Chicken: Alternative livelihoods for ASALs – Chicken Suppy data

The mobile application features.

A new farmer signs in to the mobile app, and joins a group of farmers nearest to him.

These groups are categorized by location, and are established to enable farmers within same localities to consolidate their resources and share information etc.

The farmer will then be able:

To connect with other farmers, buy and sell to each other. For example a farmer can be able to see other farmers who are selling eggs or hens or feed

To see the nearest brooding sites

To receive direct Training notifications from KALRO, to the group.

The Web Application features

This platform was designed to assist KALRO in the following ways

It is a direct channel for them to advertise upcoming trainings to their desired audience

It shows them the distribution of chicken farmers that are using their platform, and their indigenous chicken technology and helps manage them

To visualize and analyze the distribution of chicks to the groups and counties

Benefits of using Kienyeji Mobile and Web

For the farmer

They get early alerts about trainings from KALRO

They join an ecosystem of farmers where they can share their thoughts and experiences, buy and sell from each other, and share resources etc

They get a direct market for their product

For KALRO

They get a direct link to their target audience to advertise their trainings

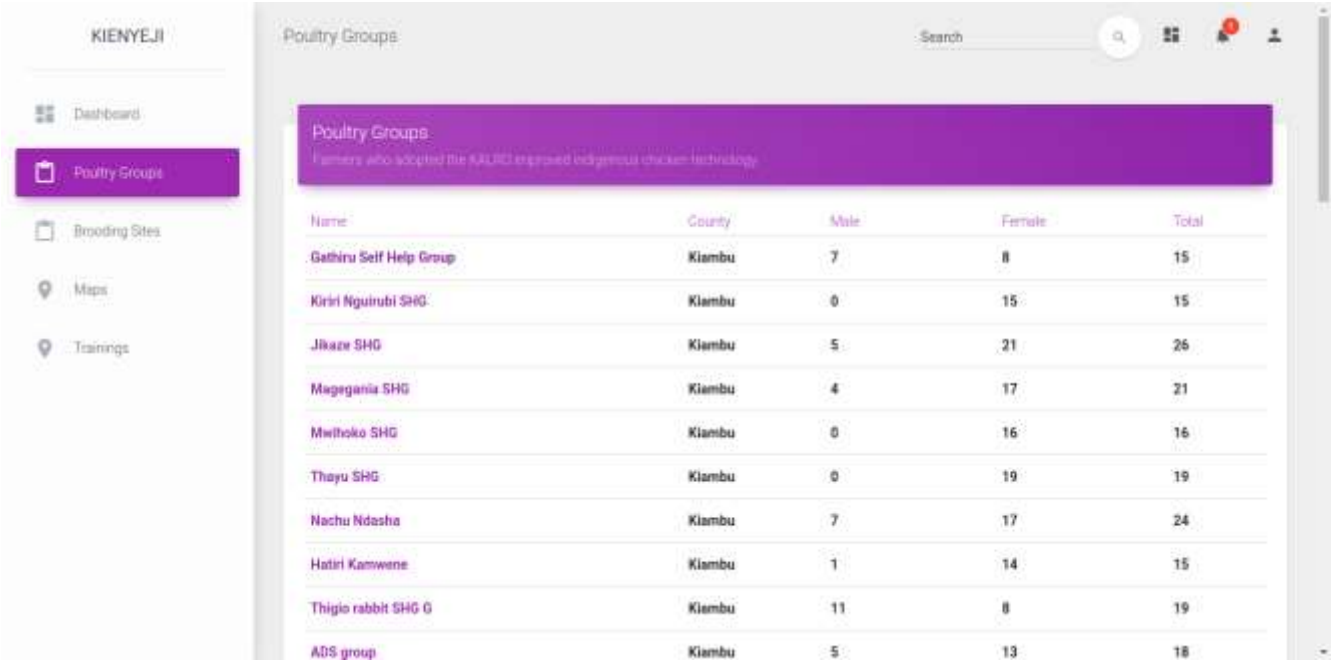
They have a platform to monitor farmers they have been training

They have a direct sample population for research

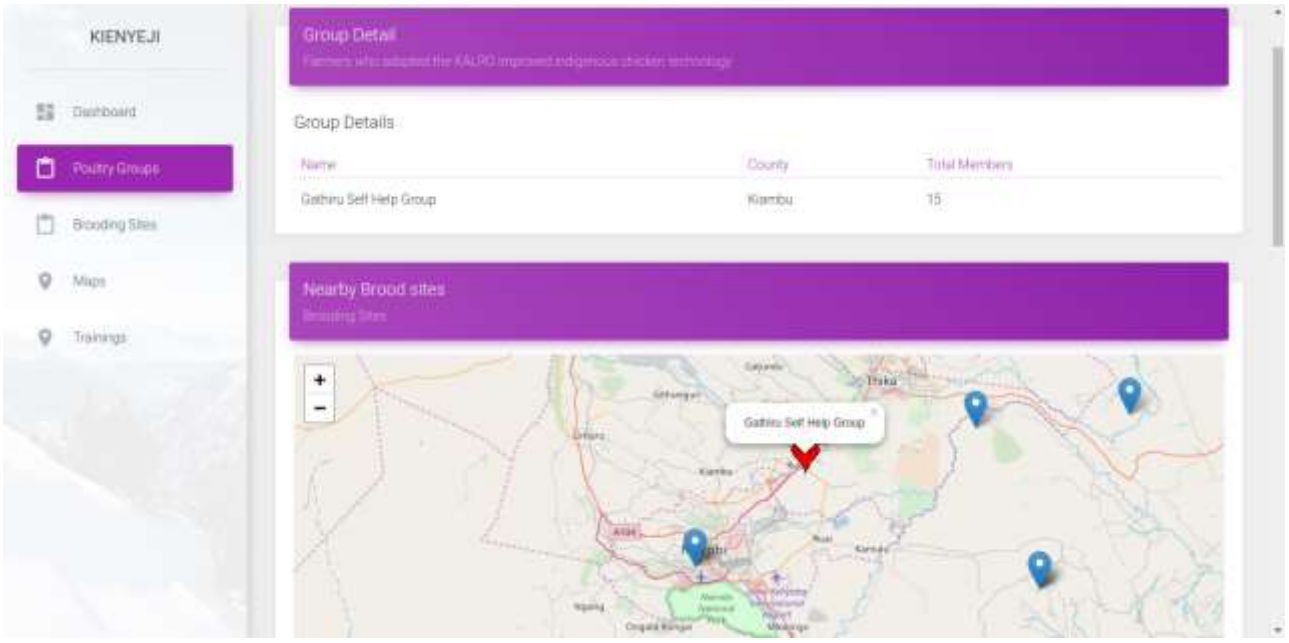
They get a ready constant source for product to distribute

Screen shots

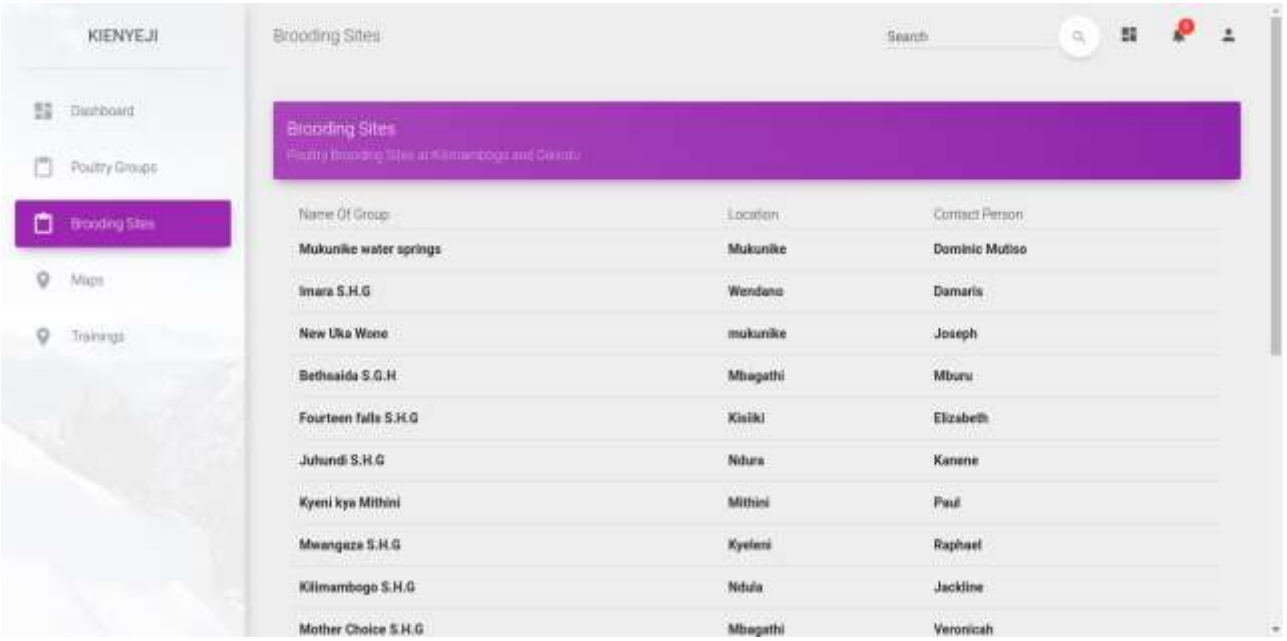
a) Poultry Groups Listing



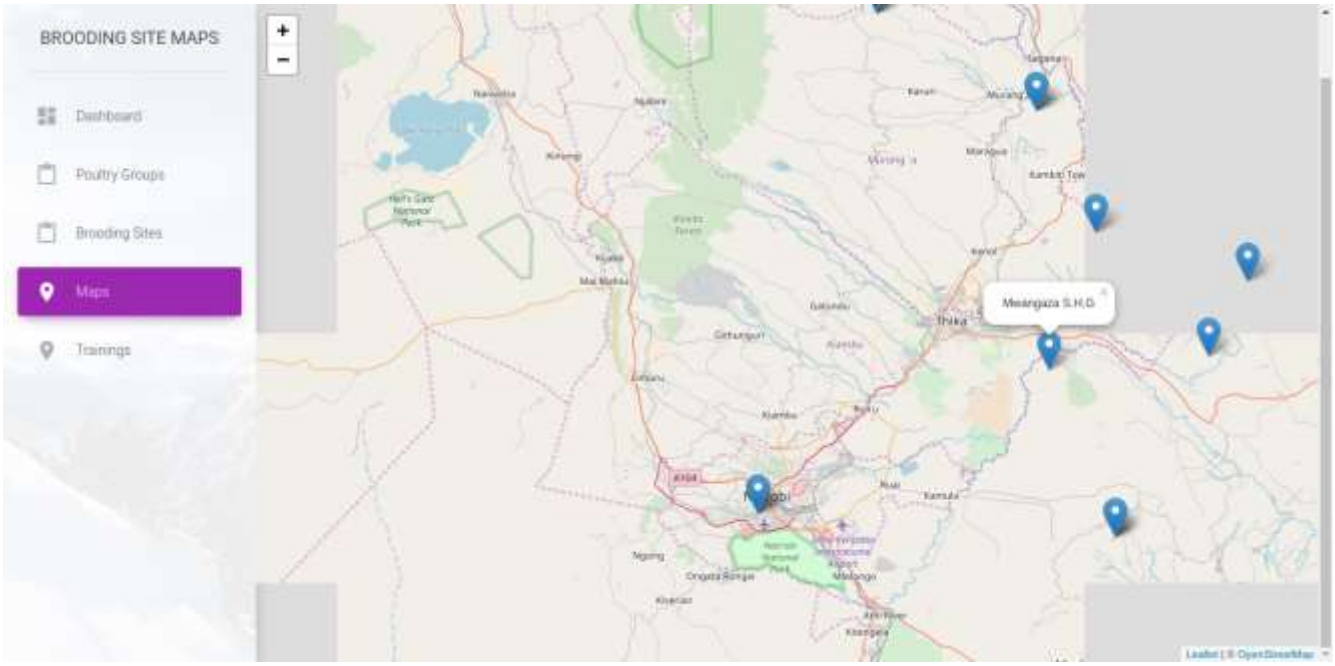
b) Group Details



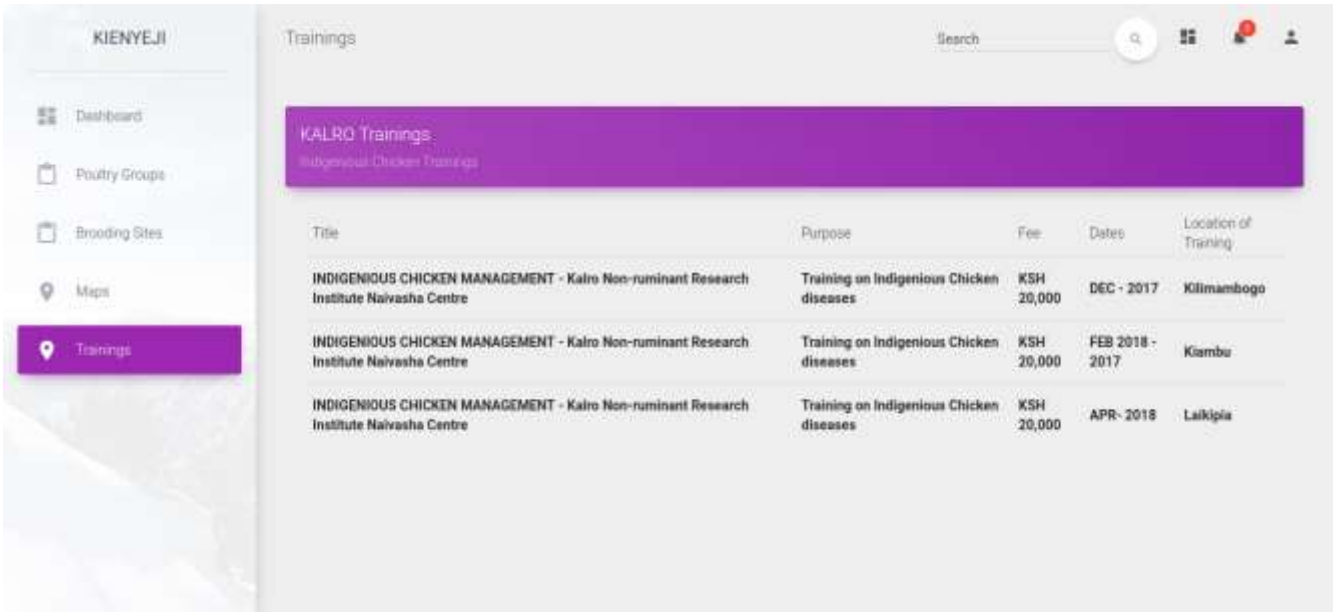
c) Brooding Sites Listing



d) Brooding sites Mapping

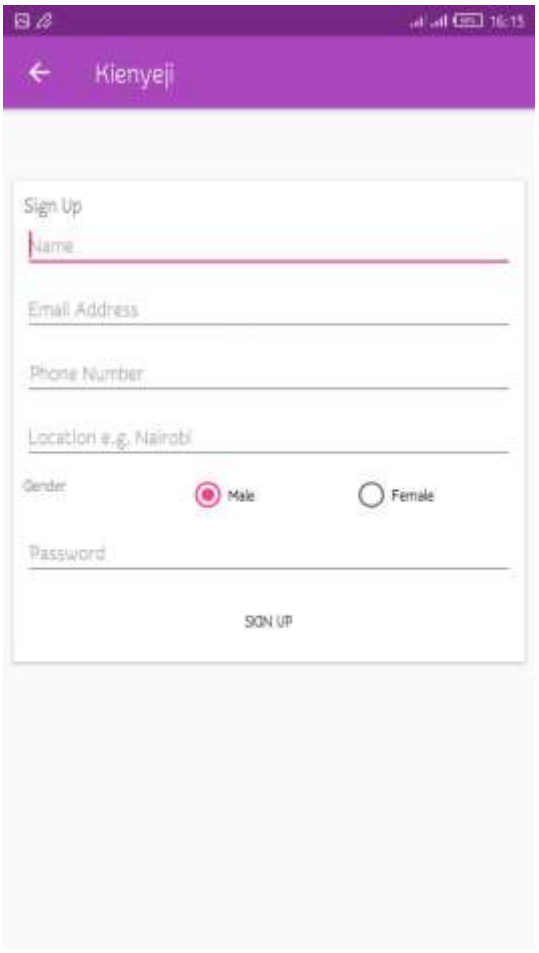
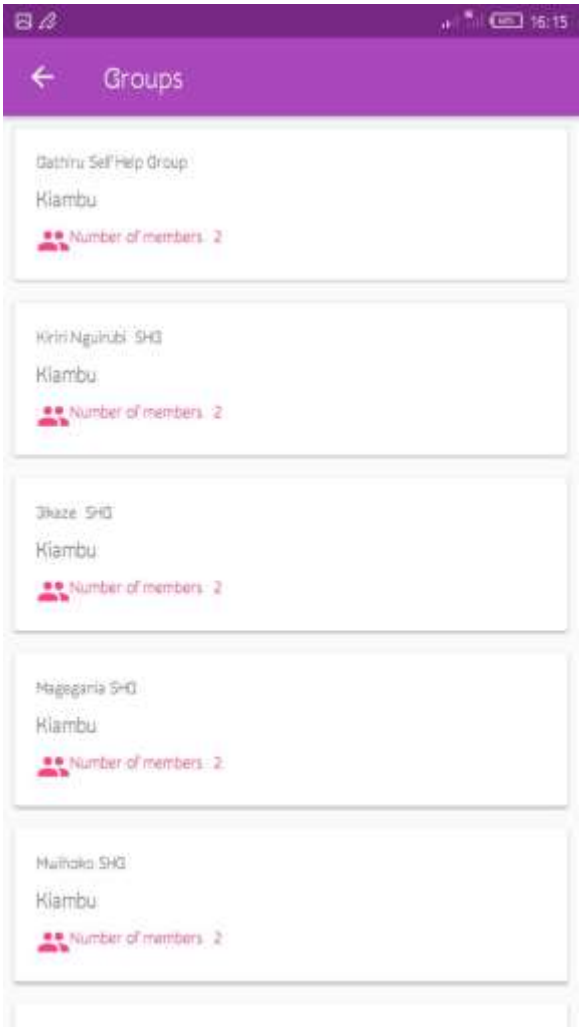
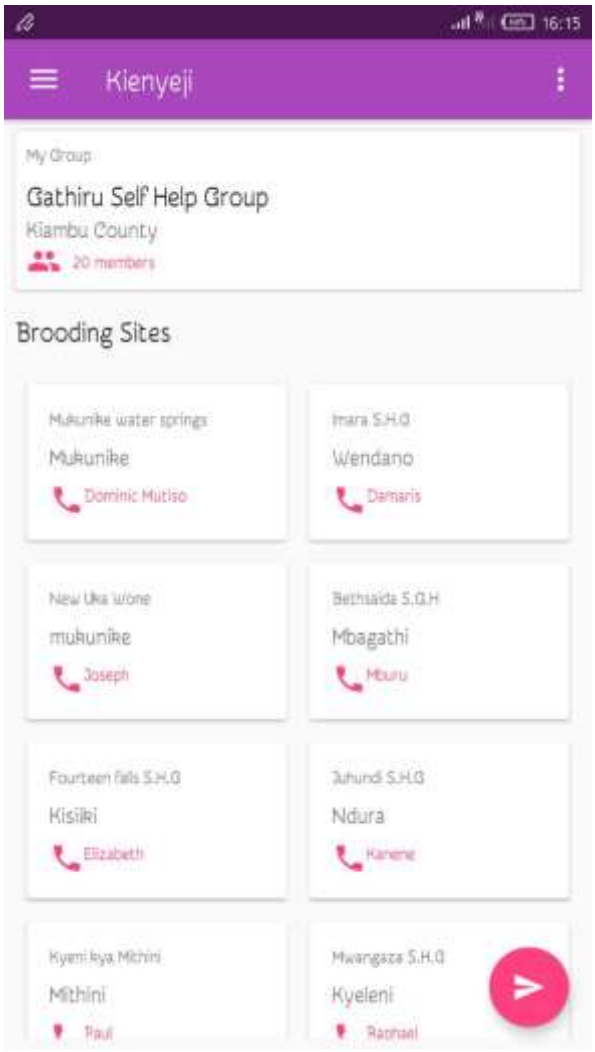


e) KALRO Trainings management Dashboard


KIENYEJI
Dashboard
Poultry Groups
Brooding Sites
Maps
Trainings
Trainings
Search
KALRO Trainings
Indigenous Chicken Trainings
Title
Purpose
Fee
Dates
Location of Training
INDIGENIOUS CHICKEN MANAGEMENT - Kalro Non-ruminant Research Institute Naivasha Centre
Training on Indigenious Chicken diseases
KSH 20,000
DEC - 2017
Kilimambogo
INDIGENIOUS CHICKEN MANAGEMENT - Kalro Non-ruminant Research Institute Naivasha Centre
Training on Indigenious Chicken diseases
KSH 20,000
FEB 2018 - 2017
Kiambu
INDIGENIOUS CHICKEN MANAGEMENT - Kalro Non-ruminant Research Institute Naivasha Centre
Training on Indigenious Chicken diseases
KSH 20,000
APR- 2018
Laikipia

Mobile App Screenshots

(a) Farmer Sign Up/ Login



(b) Poultry Groups and Brooding Sites Listings