

## CODATA ATG MOBILE APP

The app will automate the way agricultural research information is handled and shared to the targeted group.

### Benefits of the app

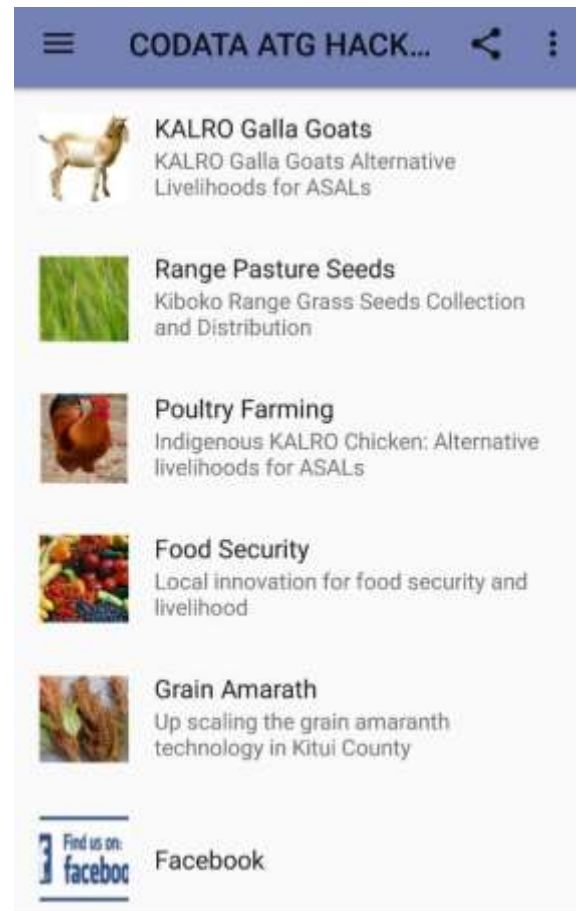
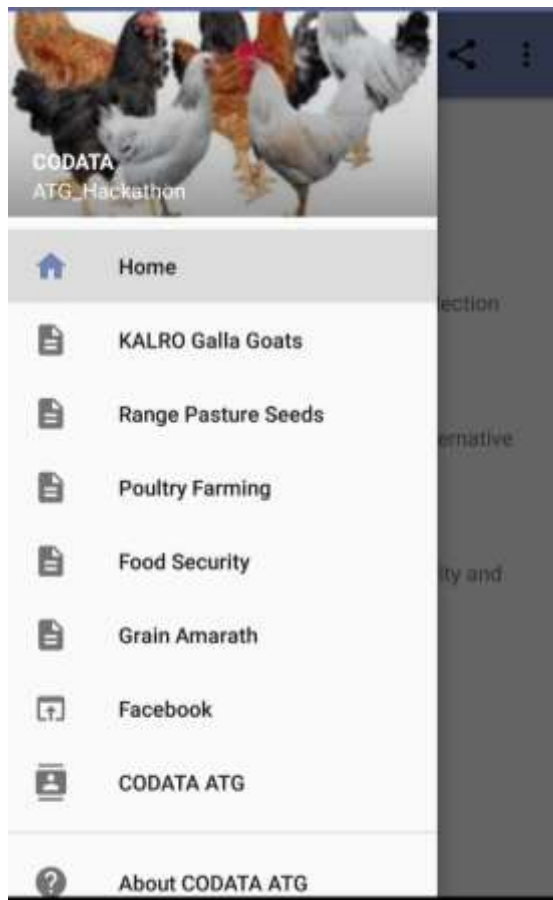
- Electronic central repository with accessible information and knowledge.
- Easily accessible.
- Potentially wide coverage
- More cost effective than traditional system of sharing information i.e websites, libraries
- Less time consuming
- More interactive.

### Application Design

Out of eleven (11) datasets, the team agreed to group the datasets in five (5) categories.

Category	Datasets
Range Pasture Seeds	<ul style="list-style-type: none"><li>• Irrigated forage production</li><li>• Effect of Supplementing Rhodes Grass Hay with Cotton Seedcake on Growth Performance</li><li>• KALRO-ARLRI, Kiboko Range Grass Seeds Collection</li><li>• Economic analysis of natural pasture rehabilitation through pasture reseeding Distribution</li><li>• Benefit-Cost analysis of reseeding using ox-furrows and range pitting</li></ul>
Goat	<ul style="list-style-type: none"><li>• KALRO Galla Goats Alternative Livelihoods for ASALs</li><li>• Effects of selected routine husbandry practices on growth rate</li></ul>
Poultry Farming	<ul style="list-style-type: none"><li>• Small holder poultry agribusiness development programme</li><li>• KALRO Chicken: Alternative livelihoods for ASALs</li></ul>
Food Security	<ul style="list-style-type: none"><li>• Local innovation for food security and livelihood</li></ul>
Grain Amaranth	<ul style="list-style-type: none"><li>• Up scaling the grain amaranth technology in Kitui County</li></ul>

## Screenshot of the category from the App

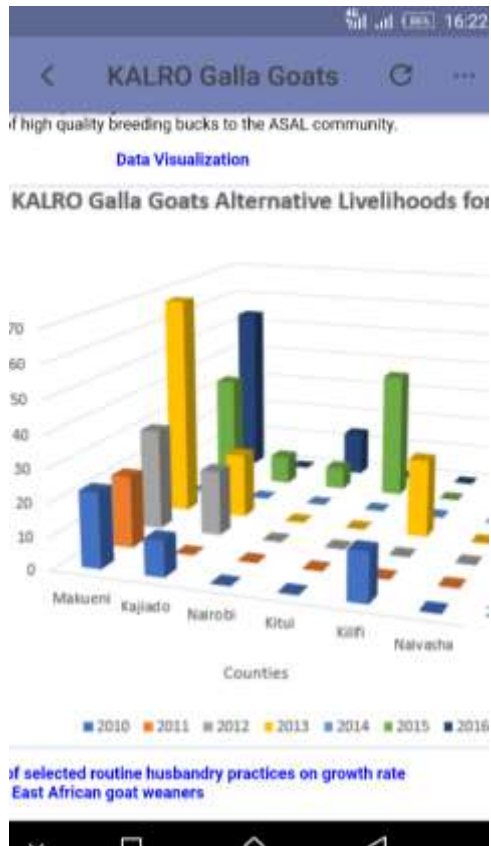


## Contents of the App

The App has the following information;

1. Abstract of the datasets
2. Data Visualization
3. Web redirection to the Hub
4. Contacts
5. Social media links

## Sample screenshot of data visualization



## TARGET GROUP

The targeted group for this app are:

- Farmers
- Students/Researchers
- Policy Makers

## Challenges foreseen in adopting the tool

- Updating the up with new information - Openness and plagiarism
- Most farmers are not using smartphones.
- Lack of access to internet

## **Challenges on App Development**

Insufficient time to implement

Inadequate information