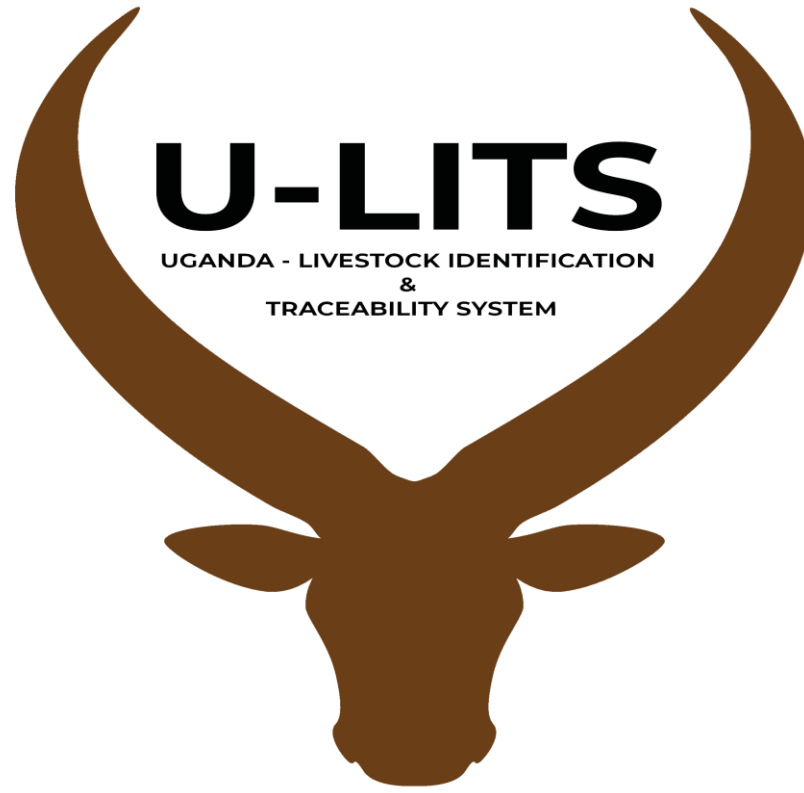




Deployment of U-LITS alongside FMD vaccination

KENLLOYD LOGISTICS LTD

Introduction

- To monitor vaccine effectiveness, and ultimately to control disease, MAAIF have decided to deploy U-LITS alongside the current FMD vaccination campaign
- The purpose of this meeting is to familiarise DVOs with the U-LITS software before its deployment in the 27 target FMD vaccination Districts
- “Livestock Owner” and a “Veterinary Authority” User Manuals have been developed as U-LITS training aids and will form the basis of this presentation
- Objective that DVOs should cascade information on U-LITS to Sub-County VOs, Livestock Owners, and other LITS FMD actors

2 Key components – RFID Button and Flag Tag Combo ID and mobile/web based data management system [DMS]



Dual RFID Button/Flag tag animal
Identification devices [AIDs]



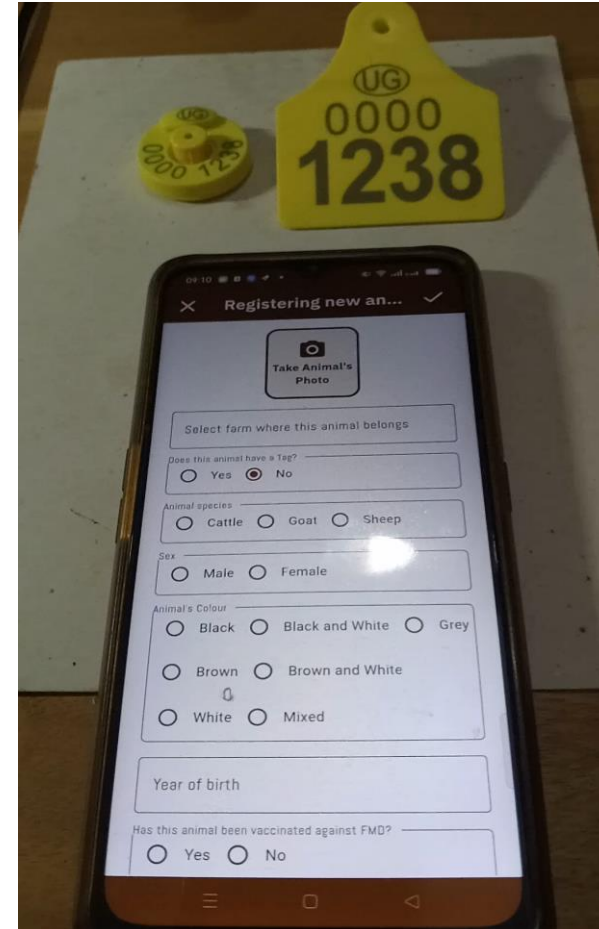
A mobile and web-based data management
system [DMS]

Benefits of LITS and Livestock Electronic ID

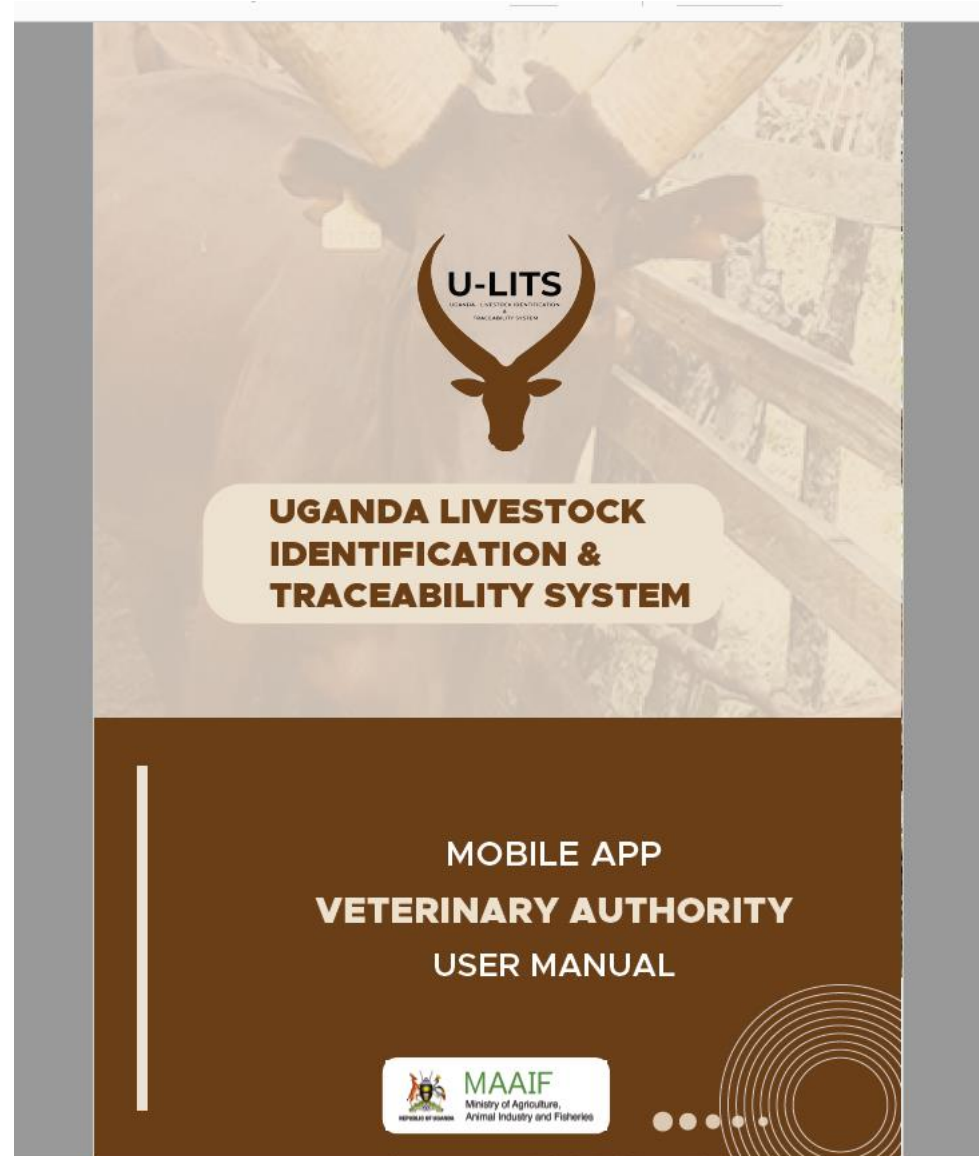
- Control of stock theft– providing absolute and unalterable proof of ownership
- Breed improvement, performance monitoring and herd management;
- Disease monitoring, surveillance, recording of vaccinations and treatments
- Meeting animal health certification and traceability standards to enhance food safety by certifying freedom from antibiotics and other residues;
- Trace back capability to detect and remove contaminated products from the livestock marketing chain
- Labelling and marketing of quality livestock products conforming to given higher value market preferences;
- Feedback from the abattoir to producers on carcase quality and am/pm findings
- Dairy, beef and heifer management apps enabling improved livestock productivity



Transferring the E-ID to the U-LITS App.



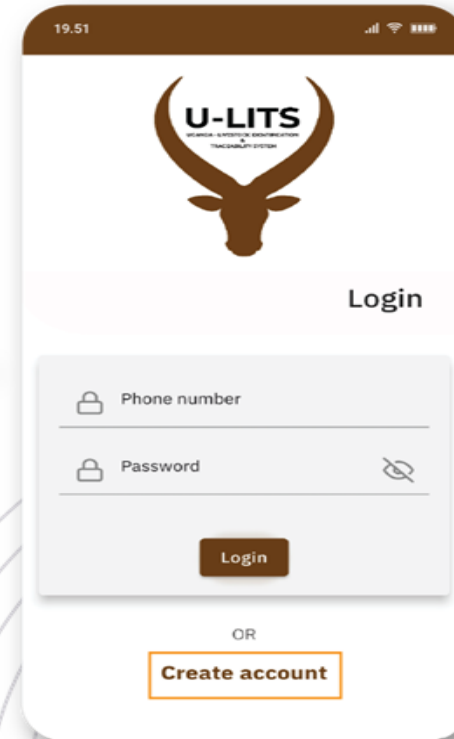
U-LITS – VETERINARY AUTHORITY USER MANUAL



U-LITS – Login User Account

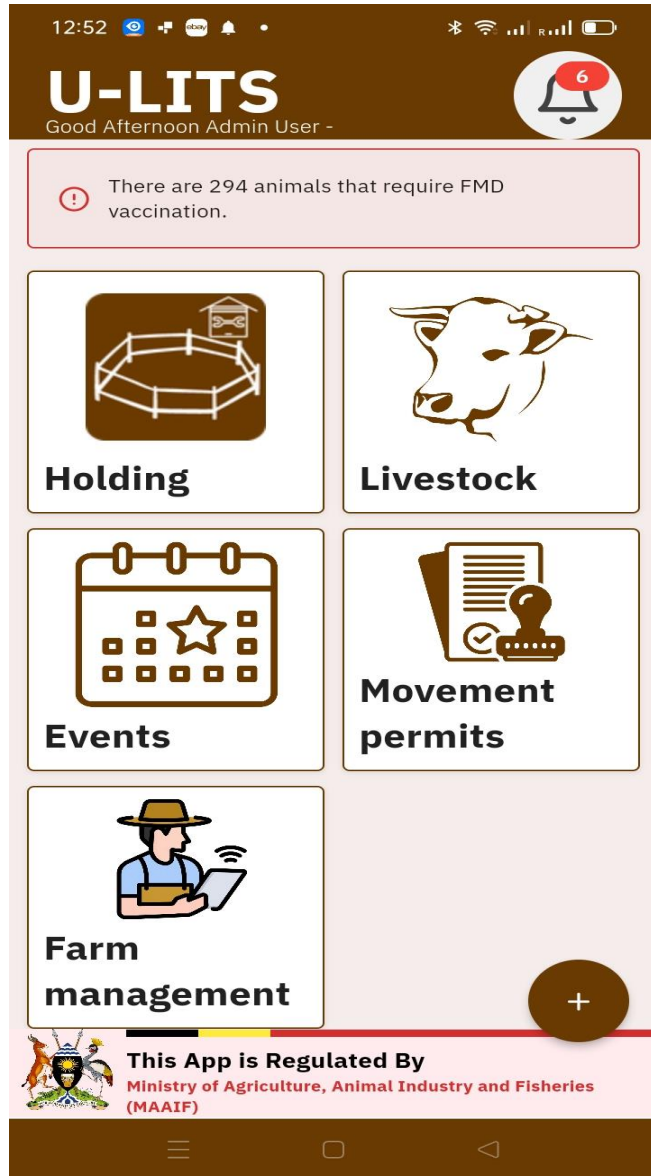


Search for U-LITS
in Play / App Store
to download App.



Login credentials
supplied by the
system administrator

Registering Livestock Owner Details



The screenshot shows the 'Registering new farm' form. The header is dark brown with a close button (X), the title 'Registering new farm', and a checkmark icon. The form is divided into three sections, each with a brown dot icon: 1. 'FARM OWNER INFORMATION' contains a 'Farmer is new?' question with 'Yes' and 'No' radio buttons, a 'Select farmer' dropdown, and input fields for 'Farm owner name', 'Farm owner NIN', and 'Farm Phone Number'. 2. 'FMD VACCINATION' contains a 'Has this farm had FMD vaccination before?' question with 'Yes' and 'No' radio buttons. 3. 'FARM INFORMATION' contains a partially visible 'Farm GPS location' field. A large brown 'SUBMIT' button is at the bottom of the form. The Android navigation bar is visible at the very bottom.

Registering a Holding

13:00

Registering new farm

FARM INFORMATION

Farm GPS Location

0.0710028,32.4542617

Farm name

Sub-county

Village

Farm - land size (in Ha)

Farm Type

☐ Dairy ☐ Beef ☐ Mixed

Number of cattle

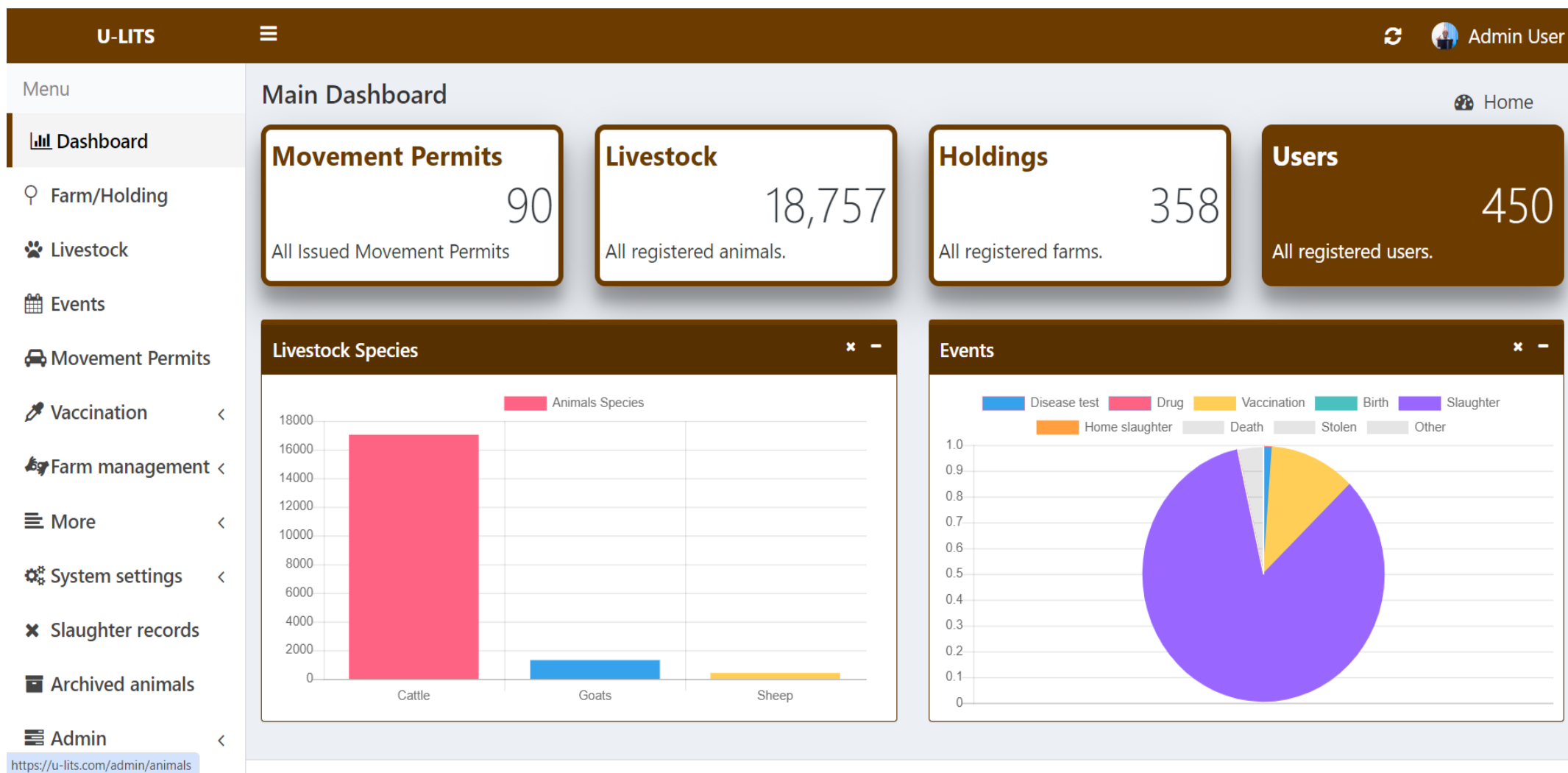
Number of goats

SUBMIT

Livestock Holding Register - LHR

[illegible]

ULITS Web Portal – [www u-lits.com](http://www.u-lits.com)



U-LITS LHR Web Page

U-LITS

Admin User

Menu

Dashboard

Farm/Holding

Livestock

Events

Movement Permits

Vaccination

Farm management

More

System settings

Slaughter records

Archived animals

Admin

LHR - (Farms)

List

Filter

New

Export

Id	Created	Holding code	Size (Ha)	Cattle	Goats	Sheep	GPS	Village	Owner	Farm type	District	Sub county	Action
509	Jun 4, 2024	UG-221-16-56	1	0	0	0	34.057406,34.057406	Kaiti A	Bissa (+256784574285)	Dairy	Butaleja	Butaleja, Naweyo	
508	Jun 4, 2024	UG-221-16-55	0.5	0	0	0	34.057413,34.057413	Nakabale	NakiguddeScovia (+256784552800)	Dairy	Butaleja	Butaleja, Naweyo	
507	Jun 4, 2024	UG-221-16-54	1	0	0	0	34.0574369,34.0574369	Kaiti A	Kidugavu Yusufu (+256756171441)	Dairy	Butaleja	Butaleja, Naweyo	
506	Jun 4, 2024	UG-221-16-53	2	0	0	0	34.057459,34.057459	Kaiti A	Gessa Agadi (+256706110063)	Dairy	Butaleja	Butaleja, Naweyo	
505	Jun 4, 2024	UG-221-16-52	2	0	0	0	34.0573947,34.0573947	Kaiti A	Gessa Agadi (+256706110063)	Dairy	Butaleja	Butaleja, Naweyo	
504	Jun 4, 2024	UG-221-16-51	1	0	0	0	34.0574202,34.0574202	Kaiti Central	Kidugavu Yusufu (+256756171441)	Dairy	Butaleja	Butaleja, Naweyo	
503	Jun 4, 2024	UG-221-16-50	0.5	0	0	0	34.0574073,34.0574073	Kaiti B	Gessa Agadi (+256706110063)	Dairy	Butaleja	Butaleja, Naweyo	
502	Jun 4, 2024	UG-221-16-49	2	0	0	0	34.0574364,34.0574364	Kaiti B	Gessa Agadi (+256706110063)	Dairy	Butaleja	Butaleja, Naweyo	

LHR Exported to Excel

Id	Created	LHC	Ha	Cattle	Goats	Sheep	GPS	Village	Owner	Farm type	District	Sub
												county
735	Jun 8, 2024	UG-409-17-20	200	172	0	0	32.022857,32.022857	Kayera	kassim kabagonza (+256782267287)	Mixed	Masindi	Masindi, Kimengo
734	Jun 7, 2024	UG-119-7-1	0.2	6	3	0	32.131855,32.131855	Bugoye	fred kafeero (+256782393828)	Dairy	Butambala	Butambala, Gombe Town Council
733	Jun 7, 2024	UG-221-16-3	0.5	5	3	0	33.95473,33.95473	Lukangole	Atwooki Christine (+256787481902)	Dairy	Butaleja	Butaleja, Butaleja Town Council
732	Jun 7, 2024	UG-221-16-45	0.5	2	0	0	33.9129766,33.9129766	Nakwiga Bunghumu	Makyali Micah (+256753651281)	Mixed	Butaleja	Butaleja, Busolwe Town Council
731	Jun 7, 2024	UG-221-16-44	0.5	2	0	0	33.9129374,33.9129374	Nandahabi	Makyali Micah (+256753651281)	Mixed	Butaleja	Butaleja, Busolwe Town Council
730	Jun 7, 2024	UG-221-16-43	0.5	3	0	0	33.9130171,33.9130171	Nakwiga Bunghumu	NakiguddeScovia (+256784552800)	Mixed	Butaleja	Butaleja, Busolwe Town Council
729	Jun 7, 2024	UG-221-16-42	0.5	5	0	0	33.9129471,33.9129471	Hisiro	Mubale Godfrey (+256750864205)	Mixed	Butaleja	Butaleja, Busolwe Town Council
728	Jun 7, 2024	UG-221-16-41	0.5	8	0	0	33.9129529,33.9129529	Nakwiga Bunghumu	Mbulanyina Madina (+256753977709)	Mixed	Butaleja	Butaleja, Busolwe Town Council
727	Jun 7, 2024	UG-221-16-40	0.5	4	0	0	33.9127709,33.9127709	Nandahabi	Malingha Ibrahim (+256757703541)	Mixed	Butaleja	Butaleja, Busolwe Town Council
726	Jun 7, 2024	UG-221-16-39	0.5	4	0	0	33.9129142,33.9129142	Hisiro	Amoit Rachael (+256no number)	Mixed	Butaleja	Butaleja, Busolwe Town Council
725	Jun 7, 2024	UG-221-16-38	0.5	3	0	0	33.9130811,33.9130811	Zebra	Kyambalango Tom (+256777334671)	Dairy	Butaleja	Butaleja, Busolwe Town Council
724	Jun 7, 2024	UG-221-16-37	0.5	3	0	0	33.912942,33.912942	Nakwiga Bunghumu	Wapande Buluhani (+256703411164)	Mixed	Butaleja	Butaleja, Busolwe Town Council
723	Jun 7, 2024	UG-221-16-36	0.5	7	0	0	33.9128597,33.9128597	Hisiro	Amoit Rachael (+256no number)	Mixed	Butaleja	Butaleja, Busolwe Town Council
722	Jun 7, 2024	UG-221-16-35	1	3	0	0	33.9274364,33.9274364	Busolwe Central	Amoit Rachael (+256no number)	Mixed	Butaleja	Butaleja, Busolwe Town Council
721	Jun 7, 2024	UG-221-16-2	0.5	8	0	0	33.9129237,33.9129237	Hisiro	Nalubega Grace (+256703635186)	Mixed	Butaleja	Butaleja, Butaleja Town Council
720	Jun 7, 2024	UG-221-16-34	0.5	4	0	0	33.9129632,33.9129632	Hisiro	Panga Suman (+256751767495)	Mixed	Butaleja	Butaleja, Busolwe Town Council
719	Jun 7, 2024	UG-221-16-33	1	1	0	0	33.9274364,33.9274364	Busolwe Central	Amoit Rachael (+256no number)	Mixed	Butaleja	Butaleja, Busolwe Town Council
718	Jun 7, 2024	UG-221-16-32	3	14	0	0	33.9266152,33.9266152	Nandahabi	musosa malwa amos (+25675u8u5477)	Mixed	Butaleja	Butaleja, Busolwe Town Council

Vaccination Record

Date	Farm	Sub-county	Vaccine	Vaccine Batch Number	Number of doses	Animals Vaccinated	Farmer name	Farmer Contact	Created by	Gps location
07-Jun-24	UG-409-17-17	Masindi, Kimengo	SERVAC	24040	40	40	Kashunju Geofrey	256782814983	Ssebuguzi Fred	1.5558285,32.0214194
07-Jun-24	UG-409-17-19	Masindi, Kimengo	SERVAC	24040	100	100	Matiya Bulemu	256772284167	Ssebuguzi Fred	1.555716,31.959569
07-Jun-24	UG-221-16-58	Butaleja, Budumba	SERVAC	24040	8	8	Busindo Elizephani	256756731711	Jackson Twebaze Ndahayo	0.8133377,33.9094797
06-Jun-24	UG-114-3-2	Lyantonde, Kasagama	Test Vaccine	24040	215	200	Albert Muganga	256772721777	Dr. Bameka	37.4219983,-122.084
06-Jun-24	UG-409-17-16	Masindi, Kimengo	SERVAC	24040	25	25	Musiime Sam	256762840488	Ssebuguzi Fred	1.5547853,32.0301152
06-Jun-24	UG-409-17-14	Masindi, Kimengo	SERVAC	24040	19	19	Nzirimu Sam	256779325963	Ssebuguzi Fred	1.5615951,32.0308312
06-Jun-24	UG-409-17-15	Masindi, Kimengo	SERVAC	24040	91	91	Karakile Moses	256774908562	Ssebuguzi Fred	1.5614169,32.0307828
05-Jun-24	UG-409-17-13	Masindi, Kimengo	SERVAC	24040	400	400	Busingye Monica	256772955752	Ssebuguzi Fred	1.6755858,31.7399206
05-Jun-24	UG-000-142-5-1	Kassanda, Kassanda TC	SERVAC	24040	25	25	Sunday Busagwa	256782919529	Buyondo Siraje	0.5552166,31.8244114

Registering Livestock

19.51

✕ Adding new animal ✓

Select farm where this animal belongs to

Date of birth
7/1/2023

Animal species
Cattle

Animal sex
Female

Does this animal have a tag
No

Link this animal to its mother (Must)

Animal's name
suma

REGISTER ANIMAL



19.51

← My Livestock 🔍

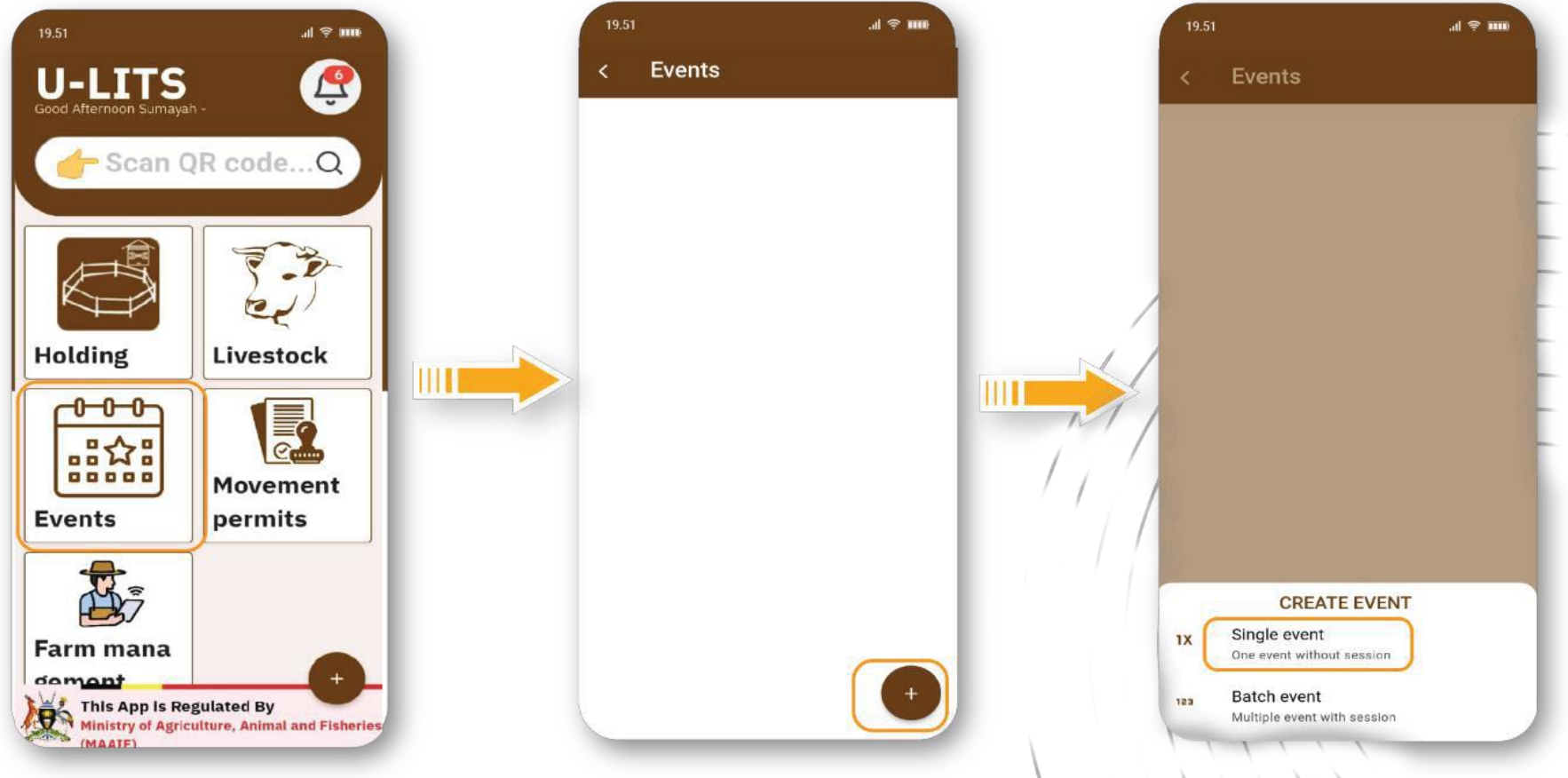
All Cattle Goats Sheep Male Female
By Weight By Milk Sick Pregnant

Found 1 animals

 V-ID : 00003458
WEIGHT : No weight
SPECIES : Cattle
STAGE :
LAST SEEN : 20 Jul, (11 ...

+

Recording a Sanitary Event



Livestock Movement E-Permit

13:50

×

Movement permit

STEP 1/3

●

Applicant's information

Applicant's name

Admin User

Applicant's NIN

120190000192

Applicant's Phone number

+256779755798

●

Livestock's departure info. (FROM)

Sub-county from

Village from

NEXT →





MINISTRY OF AGRICULTURE, ANIMAL INDUSTRY AND FISHERIES.

DEPARTMENT OF ANIMAL HEALTH

P.O. Box 513, ENTEBBE, UGANDA

E-MAIL: animalhealth@agriculture.co.ug

TELEPHONE: +256 041 4 320 627, 320168, 320378

(Issued under the animal disease Act Chapter 38)

Permit status.: **APPROVED**

Permit no.: **MVP-UG-301-13-1**

i. Identification of animals

Sr.	LINC	E-ID	V-ID	SEX	DATE BORN
1	UG-114-3-2	80000000024579	24579	Female	2024-03-04 00:00:00
2	UG-114-3-2	80000000024578	24578	Male	2024-02-24 00:00:00
3	UG-114-3-2	80000000024711	000000024711	Male	2024-01-02 00:00:00

ii. Place of origin for the animals

Name of owner / farm / ranch / unit Albert Muganga is permitted to move animals within - days From the Sub-county / Division Of Testing in the District of Iririka (UG-301-13) .-

iii. Destination of animals

To the District Of Other, test in the Sub-county / Division of Ciforo (UG-301-13) .- Specifically to the following slaughter or processing place/s: Other Means of transport, and stock-routes to be used -

iv. Zoo-sanitary information and attestation

I, the undersigned authorized state veterinary officer certifies to the best of my knowledge that the animals described above and examined on this day come from a disease free area / area not under any animal quarantine restrictions and:

a. Show no sign of disease, vectors or pests

b. Satisfy the required animal health standards of the final destination district

c. Are fit for Slaughter purposes

Issued at (name of district and date):

Name, rank, address and telephone of the authorized state veterinary officers:

Signature and stamp / seal:

Farm Management Module

Vaccination



Request for vaccination of your livestock.

Market



Buy & Sell your farm products.

Milk



Manage your milk records.

Roll-calls



Livestock roll-calls

Batch Photos



Capture multiple photos for your livestock.

Finance



Income, Expense, Transactions & Financial Reports

Treatment



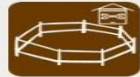
Drugs stock and records management.

Archived



Income, Expense, Transactions & Financial Reports

My Farms



Manage your farms.

My Workers



Manage your farm workers.

My Account

Thank you for your attention



Dr Chris Daborn. Kenlloyd Ltd LITS Technical Adviser