**What to be developed?**

1. An e-Diary Application for extension officers to be installed on phones or tablets
2. A web portal for supervisors and MAAIF administrators

**Acronyms**

AEO – Agricultural Extension Officers

AO - Agricultural Extension Officers for Crops

FO - Agricultural Extension Officers for Fish

VO - Agricultural Extension Officers for Livestock

DTO – District Technical officers/ Subject Matter Specialists

DAO – District Agricultural Officer

DVO – District Veterinary Officer

DFO – District Fisheries Officer

DPMO – District Production and marketing officer

MAAIF – Ministry of Agriculture, Animal Industry and Fisheries

SC – Sub-county Chief

CAO – Chief Administrative officer

User Roles

1. AO, FO, VO – Sub-county Level

* Deliver extension services to beneficiaries and groups at sub-county chiefs
* Record day to day activities for their respective extension areas
* View activities they added to the system
* Send photos & GPS location for the various activities they carry out(If possible GPS tagged photos)
* Send and receive feedback from DAO, DVO, DFO
* Add statistics for their extension area profile
* Edit their profile (Can only edit for the first month only)
* Add potential and popular enterprises for the extension areas
* View reports for their Evaluation on the go
* Login into app with phone/email and password to access the application

*Test users:*

*Angella Namyenya - AO - Username:* ***angella*** *Password:* ***123***

*Herbert Musoke – FO - Username:* ***s0kie*** *Password:* ***123***

*Rashid Sebyala – VO - Username:* ***rashid*** *Password:* ***123***

2. DAO, DVO, DFO – District Level

* Setup & Manage new AEO ( e.g Name, Phone, Password, Sub-county)
* Assign quarterly activities for AEO
* View and contact beneficiaries from daily reports of AO, VO, FO
* Assign Annual objectives
* Assign Annual activities
* Assign Area Outputs per quarter (Remove targets)
* Send and receive immediate feedback from FO, AO, VO, CAO, DPMO
* View Evaluation reports for their AEOs on the go
* Receive automatic reminders from system on AEOs activity planning 1 week to the end of the current quarter
* Receive flag from MAAIF 2 days prior to the beginning of the new quarter in case planned activities are not yet uploaded
* Add emergency activities for FO, AO & VO during the course of the quarter

*Test Users :*

*Prof. Regina – DAO - Username:* ***prof*** *Password:* ***123***

*Dr. Patience DVO - Username:* ***dr*** *Password:* ***123***

*Thomas Daum – DFO - Username:* ***tom*** *Password:* ***123***

3. DPMO, CAO – District Level

* View Evaluation reports for their AEOs on the go
* Send and receive immediate feedback from MAAIF, DVO, DFO, DAO
* Receive flag from MAAIF 2 days prior to the beginning of the new quarter in case planned activities are not yet uploaded
* Create and manage accounts for DVO, DFO & DAO (Name, Phone & Email)

*Test Users: Brenda Karungi – DPMO, Ruth Nazziwa - CAO*

4. SC – Sub-county Level

* View Evaluation reports for their AEOs on the go
* Send and receive immediate feedback from AO, VO, FO

*Test Users: Kizito Walter - SC*

5. MAAIF - National Level

* View Evaluation reports for all AEOs on the go
* Manage System
* Send and Receive Feedback to the DPMO and CAOs
* Flag DPMO, CAO, DVO, DFO, DAO in case of late uploading on quarterly planned activities
* View sub-county, district, sub-region and region evaluation reports
* Create and manage accounts for DPMOs (Name, Phone & Email)

*Test User: Dr. Ogwanga - MAAIF*

**Evaluation Reports**

The system should be able to generate an activity evaluation report basing on the number of activities planned visa vie the number of activities carried out.

The system should be able to generate a beneficiary reached evaluation report basing on the number of beneficiaries planned visa vie the number of beneficiaries reached.

Evaluation reports can be generate on the go.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Activity Name | No. Planned | No. Reached | % Reached |
| 1 | Activity 1 | 100 | 70 | 70% |
| 2 | Activity 2 | 50 | 40 | 80% |
| 3 | Activity 3 | 18 | 9 | 50% |
| 4 | Activity 4 | 30 | 30 | 100% |
| 5 | Activity 5 | 20 | 20 | 100% |
|  | Average % | | | 80% |

**App Organization for AEOs**

**My profile**

* View Profile
* Feedback (Send & Receive feedback)

**My Area**

* Area profile
* Popular Commodities
* Potential Commodities

**Objectives**

* Annual Objectives
* Key Quarterly Outputs

**My Data**

* Add Daily Activities
* View Annual Activities
* View Quarterly Activities
* View Daily Activities
* View Evaluation Report