PRESIDENTIAL DIGITAL TALENT PROGRAMME 1ST & 2nd QUARTERLY REPORT.

MINISTRY OF AGRICULTURE, LIVESTOCK AND FISHERIES

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YEAR 2016 SEPTEMBER – APRIL 2017

Summary.

The report captures the details of the work assignment and the projects that were done between the month of September 2016 and April 2017.The report is about the work done at the ministry of Agriculture, Livestock and fisheries and ICT authority, digital literacy Programme at the county level.

Introduction

Presidential Digitalent Programme Internship

The Presidential Digital Talent Program is a nationwide Presidential initiative to be implemented by the Ministry of Information, Communication and Technology (MoIC) through the ICT Authority (ICTA). Information and Communication Technology Authority has collaborated with the various ministries and private sectors in order for the interns to get a chance to work both in the public and the private sector. Currently doing the internship at the ICT department in the ministry of Agriculture, livestock and fisheries. I have been posted to do the internship at the ministry of Agriculture, livestock and Fisheries, department of Information and Communication Technology.

The Ministry of Agriculture, Livestock, and Fisheries

The Ministry of Agriculture, Livestock, and Fisheries has its fundamental goal and purpose of conserving, protecting and managing agricultural, livestock, and fisheries resources for socio-economic development. The aim of the ministry is to improve the living standards of people by ensuring maintenance of agricultural livestock and fisheries resources. The ministry was created following the merge of the three ministries of agriculture, livestock development and marketing, and fisheries in 2013.

Functions of the the Ministry of Agriculture, Livestock, and Fisheries

The main functions of the ministry include:

- Formulation, implementation and monitoring of agricultural legislations, regulations and policies
- Supporting agricultural research and promoting technology delivery
- Facilitating and representing agricultural state corporations in the government
- Development, implementation and coordination of programmes in the agricultural sector
- Regulating and quality control of inputs, produce and products from the agricultural sector
- Management and control of pests and diseases
- Collecting, maintaining and managing information on agricultural sector

Strategic objectives of the Ministry of Agriculture, Livestock, and Fisheries

The Strategic Objectives for the Ministry of Agriculture, Livestock, and Fisheries are:

- To create an enabling environment for Agricultural development
- To increase productivity and outputs in agricultural sector
- To enhance national food security
- To improve market access and trade
- To strengthen Institutional capacity

Work assignment at the Ministry.

I stayed for few weeks in the ministry before we left for the Digital Literacy Programme project at the county. The digital literacy Programme took three months .I then came back to the ministry at the beginning of the year 2017.

The following were the tasks that I carried during that period:
Work assignment at the ministry.

Hardware maintenance	These includes the maintenance of computers, printers, photocopiers and other devices.
Developing new sites, updating and maintenance	This includes adding new contents to the website such as media files and text files. It also involves making changes on the website such as adding new features such as menus and links. I have also gotten opportunity to develop new sites http.www.kcepcral.go.ke
Providing User support	This involves offering ICT support or any related services to clients or employees at the ministry.
Loading of computer Programs	I install programs on computers. Examples of these programs are Microsoft office suite, antimalware programs, browsers, operating systems, configuration of ifmis etc.
Computer Network support and maintenance	This involves making sure that the employees have internet connection at all time. Shared devices on the network are also be up and running

Work assignment at the county (Digital Literacy Programme)

Though ICT Authority, I got a chance to work in the above named project. The task covered include:

Collecting various data about each school I visited such as data about power availability, school enrollment etc.

- Inspecting schools on the level of quality in the in areas such as tables and chairs suitable for digital literacy Programme, security in terms of school security guard, windows, doors and storage cabinets in the computer laboratory, advising the school and making recommendations accordingly
- Writing daily reports and submitting to the supervisor (Assistance ICT Officer at the county level).
- Training teachers on how to use the devices, on some schools that had already received the devices.
- Took part in installation of devices on the various schools.

Challenges faced during the period.

1. **Communication problems** – Some parts of Narok County have poor networks connections. it was a challenge since I had to communicate with the head teachers before visiting their schools.

2. **Navigation Challenge** – I visited 89 schools and most of the schools were new to me. I had to ask in order to know the location of the schools.

3. **Transport problems.**

The transport allowance that I received was not enough for the assignment. I had to work smart in order to accomplish the work. I used a boda boda.

4. **Problem approaching the heads of schools.**

Some head teachers could trust me even after producing the letter from ICT authority and explaining myself. I had to cool them down and eventually I succeeded.

Skills gained during the period.

Soft skills.

Willingness to learn.

- Time management skills
- Adaptability skills to various tasks and environments.
- Leadership skills.
- Reliability skills
- Positive attitude skills
- Team work player.

Hard skills.

- Hardware maintenance skills
- Developing new sites, updating and maintenance skills.
- User support skills
- Loading of computer Programs
- Computer Network support and maintenance skills

Conclusion

The internship during the period of September 2016 to April 2017 has been very good. I have grown and developed as a person in many aspects such as critical thinking, confidence, and improved my skills. The projects such as dlp has been good for the interns.

Recommendations.

I recommend that the future interns be engage in more projects similar to that of presidential digital talent programme.