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**REPUBLIC OF KENYA**

**MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY**

PRESIDENTIAL DIGITAL TALENT PROGRAMME

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NETWORK AND SECURITY

PROGRESS REPORT

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Contents

[1.0 Introduction 3](#_Toc481662673)

[1.2 Departmentalization 3](#_Toc481662674)

[1.3 Tasks assigned 3](#_Toc481662675)

[1.3.1 Network deployment, monitoring and Support, and Systems Administration. 3](#_Toc481662676)

[1.4 Conclusion. 3](#_Toc481662677)

# 1.0 Introduction

The Ministry of Education, Science and Technology is a state department under the government of Kenya.

It is responsible for national policies and programs that help Kenyans access quality and affordable, school education, post-school, higher education and academic research.

# 1.2 Departmentalization

The Ministry’s ICT roles range from Network deployment, monitoring and support, Systems administration, and maintenance and support of applications, including the outsourced IFMIS and the internally developed ones.

We were then divided according to the area of specialization, and in pairs and a group of three, assigned a senior ICT officer as the immediate person to consult.

Following the increase in the number of interns, some pdtps were deployed to other facets of the ministry, including to the offices at Teleposter, Kenya Reinsurance plaza, and uchumi house.

# 1.3 Tasks assigned

## 1.3.1 Network deployment, monitoring and Support, and Systems Administration.

The ministry has close to 500 staff, all of which are managed using an Active Directory. They access shared resources through a local network.

So some of the daily roles revolve around support, especially on network issues.

Apart from the daily network support roles, we are also part of the teams restructuring the Ministry’s network infrastructure. Liquid Telcom has been contracted to provide wireless LAN infrastructure. While ICT Authority has a role of restructuring the cabling in the ministry. In regard to this, a document is being worked on to source funds from World Bank for the same.

# 1.4 Conclusion.

It is educative as well as enlightening. We are getting to know how the ministry works.