Introduction

I was attached at TSC and then at ICT authority after completing the project we were undertaking at TSC. I was part of digitization process performed at TSC that aimed to achieve efficient service delivery to teachers, by submitting their requests online, and also been served without their presence been required at the TSC offices. This process is aimed to reduce the time for lessons the students lose when their teachers travel from their stations to TSC, so as to sort their issues.

Activities Performed

- ❖ Network set up, server configuration, and set up of various workstations that were used for digitization project.
- ❖ Writing of a Python module that was used to automate the indexing of the scanned document.
- ❖ Quality Check for the scanned documents
- ❖ Network troubleshooting, computer repair and system analysis
- ❖ Set up of Network IP Address management (NIPAP) system that was to help in reducing IP conflicts in the organization's address management.

Achievements

- ❖ Developed Python script that automated indexing of the documents, and as a result the output per workstation increased from around **3-5 files** to over **20 files.**
- ❖ Set up and configured a server so that the scanned documents could be stored centrally, thus making their management easy and effecting the right security to avoid losing vital information.
- ❖ Performed cable management that avoided network issues that were caused by stepping on the cables.

Supervisor

Names: Robert Mutinda (ICTA)

Email: robert.mutinda@ict.go.ke

Phone: 0725794685