GROUP NAMES:

1. NARE LEGODI
2. TEMOSHO NKGOENG
3. KHOROMMBHI NDIVHUWO
4. LEFA MASHABELA
5. TAKALANI MUKHAVHULI

ORGNATIONAL OVERVIEW

**DIGITAL DYNAMOS**

**GROUP NAME: DIGITAL DYNAMOS**

GROUP MEMBERS

1. NARE LEGODI
2. TEMOSHO NKGOENG
3. KHOROMMBHI NDIVHUWO
4. LEFA MASHABELA
5. TAKALANI MUKHAVHELA

**ORGANISATIONAL OVERVIEW**

The uThukela District in Kwazulu-Natal has tasked the Digital Dynamics Group with developing a world-class network infrastructure with internet access for the Municipality's main hospital. The goal is to provide fast and reliable connectivity to the hospital and ensure a sustainable model for the project.

The client site, located 1 km away from the main hospital, currently has outdated technology, including 20 old computers and only five printers. The network infrastructure lacks necessary security measures, and data storage and missing patient files are major concerns. The hospital also relies on various services and software packages for operations, finance, and supply chains, as well as communication with suppliers through Intralink services.

The Digital Dynamics Group proposes a solution that will splice from an existing network and extend it to the client site using a suitable network. This will provide the client site with a dedicated and reliable connection. However, there are concerns that need to be addressed to ensure the long-term sustainability of the project.

Training will be provided to the five ICT support staff to support the newly developed network infrastructure. Additionally, hospital staff will be trained on equipment installation, troubleshooting, and replacing units if needed.

The ultimate goal of the project is to complete the implementation and rollout of the network infrastructure within one year, while addressing the concerns and ensuring the project becomes self-sustaining once completed.