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UNIVERSITY AS A FACILITATOR FOR COMMUNITY BASED SUSTAINABLE SOLUTIONS TO DEMOGRAPHIC CHALLENGES IN SOUTH WESTERN UGANDA

PROJECT 6: Improved Institutional and Community ICT Capacity to Access and Utilize Information

DATE: 14/10/2021

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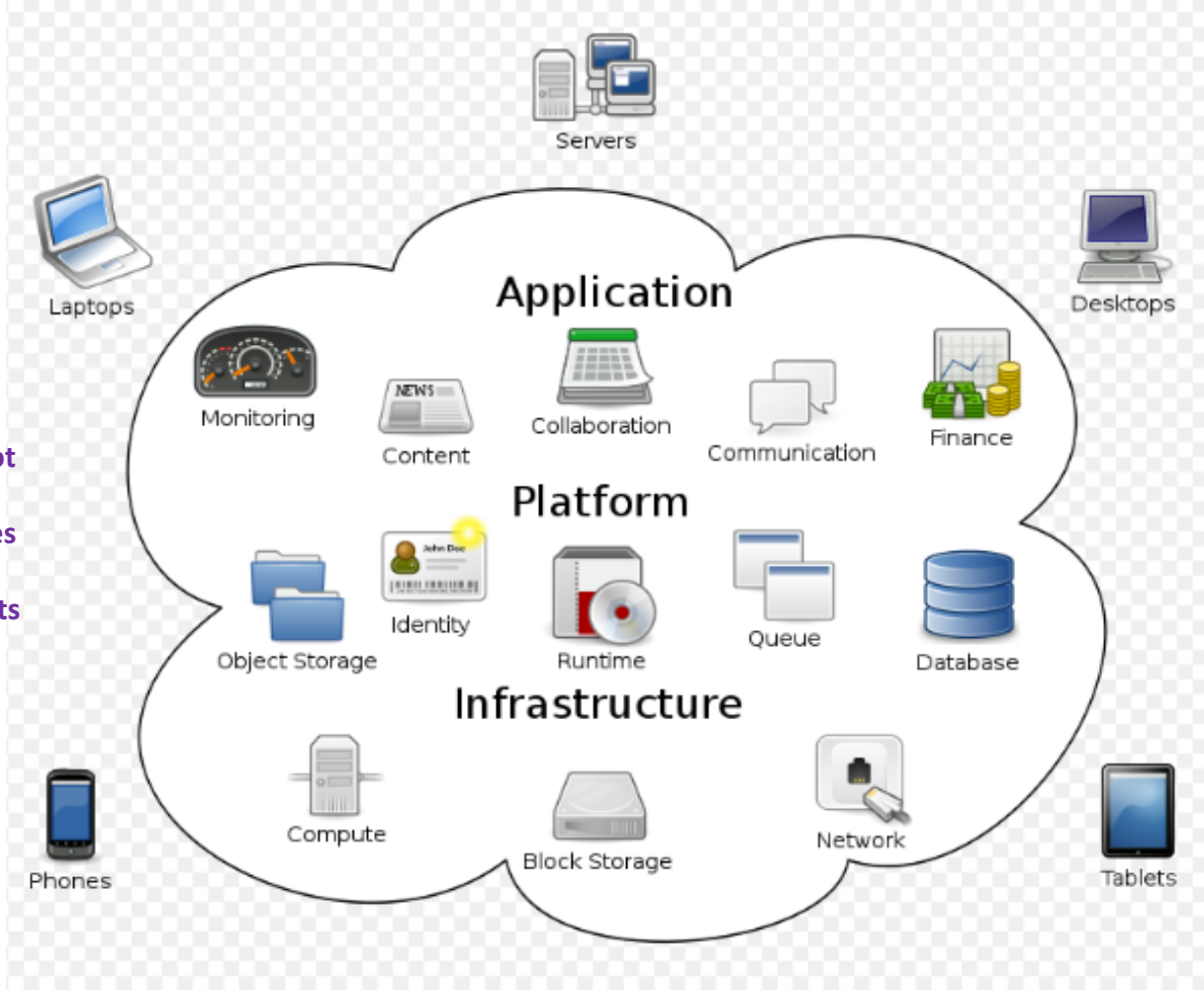
Introduction

- **Huge inadequacies in MUST's ICT backbone infrastructure**

- Data storage and network access
- Information exchange for community engagement
- Access to ICT equipment (staff, students, community)
- Innovations and ICT initiatives not targeted the MARPs
- Internationalization agenda issues
- ICT adoption-Gender issues
- Bandwidth and maintenance costs



Objectives (Long term desired changes)

1. To build capacity in demographic **data management** and **utilization** of **community-based information** for **research**, **policy** development and **service** delivery

2. To strengthen **internationalization** for increased **collaboration**, **information access** and **usage**

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Thematic Areas

ICT infrastructure, Security and Capacity Building

Data management

Internationalization

Gender and ICT

Data Analytics, Artificial Intelligence (AI)&Machine Learning (ML)

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Expected Outcomes

- An Enhanced central data hosting and storage infrastructure
- Established a Centralized Data Repository
- Improved data storage, analysis and usage of ICT's to predict outcomes
- Increased capacity to reliably and securely host eLearning & eLibrary applications for use by staff, students and community stakeholders
- Increased information transfer to and from hard to reach areas
- Improved Network Access
- Timely information sharing, feedback and follow-ups amongst the relevant stakeholders
- Improved usage of eLearning and digital platforms by academic staff
- A video conferencing facility for internationalization established
- MUST internationalization policy developed
- Artificial intelligence (AI) courses established at bachelors & postgraduate levels
- Enhanced internationalization agenda

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Team Composition

MUST

Fred Kaggwa
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Expertise-Gaps

- Gender
- How to do better outreach to the communities by using ICT

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THANK YOU

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