

NETWORK PROJECT ON PEARLAND Inc.

Pearland Inc. is a growing Microfinance Company in Accra. Pearland Inc. depends on computer systems for its day-to-day office work. The organization also makes use of the current Internet connection to send emails to its Partners and Customers. The company currently employs 100 people, but current expansion plans are expected to increase its size. The company is planning to expand its business to other cities.

Current system

Currently, there are seven departments in the organization, namely Finance, Accounting, HR, Customer Service, Marketing, Sales and IT. The organization has a poor network system and wants to improve its network infrastructure.

Departments' information

Finance Dep. 8PCs (one Color printer)

Accounting Dep. 4Pcs (one black/white printer)

HR Dep. 4PCs (No printer shares Accounting Dep. printer)

Customer Service Dep. 8PCs (No printer shares Marketing Dep. printer)

Marketing Dep. 20PCs (Two Printers color and black/white)

Sales Dep. 30PCs (No printer shares Marketing Dep. printer)

IT Dep. 10PCs (No printer shares Marketing Dep. Printer)

You have been hired as network administrator for giving an optimal network Design/Solution for the entire system. Work out on the stated requirements to develop a network infrastructure.

The project report must comprise of the following:

- Requirement Analysis
- Logical Design
- Physical Design
- Investment Justification
- Security Measures