

HIGHER TECHNICAL INSTITUTE

ELECTRICAL ENGINEERING DEPARTMENT

Diploma Project

Setting Up An Intranet

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HTI Diploma Project

Electrical Engineering Department

Setting Up An Intranet

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Class: 3E2

Summary

In this project the main and most important aspects relative to computer networks are presented: How they work, the various types of networks, the impact of their introduction and many other elements relative to the " Revolution of networks ".

In this report one can find useful information on Network protocols, HTTP, POP3, SMTP, FTP etc.

The setting up and configuration of a Web server, an FTP server, a mail server and a proxy server are also described in detail.

In **chapter 1** and **chapter 2** you can learn about networks and how they work.

In **chapters 3 – 7** the different types of networks are described: Ethernet, Phonenumber, Powerline, Wireless and Hybrid Wireless-Wired networks.

Chapter 8 is a small introduction about servers.

The various network protocols are described (presented) in **chapter 9**

Chapters 10 – 13 deal with the setting up and configuration of the various types of servers, web server, FTP server, Mail server and Proxy server.

Many practical examples are given which enable the reader to understand better the operation, configuration and setting up of an Intranet.

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