



***Requirement Analysis
Using Manchester United Football club***

Purpose

This document is a required analysis that evaluates the real need of Manchester United football club and how they can be put on a website on the internet.

Introduction

Manchester United have a great following within the country of Ireland. Manchester united is one of the Biggest football clubs in the world. They have a great following throughout the world. In a response to this I am trying to make Information about The club more accessible and more fun to deal with.

Description of the problem

The objective of this Website is to raise the public profile of the club itself and make Information easily accessible for people. This will allow us to provide valuable information to others undertaking a similar adventure like myself.

Identification of system

The system will be installed on a 233mhz Pentium P.C with windows 95 and an pre - installed internet explorer, versions 4.x or higher.

Identification of system users

The main user would be the school itself, in the promotion of Manchester united, other targets would be educational establishments, youth groups with the specific aim of Information on the club.

Functional requirements

To have a Manchester United Home page with links to:

- ☐ Background to the club.
- ☐ Formation of the club.
- ☐ Pen pics of the players.
- ☐ Honours.
- ☐ Sample video clips of some matches.

Constraints

- Lack of knowledge about Manchester United football club.
- Time required to gather data i.e. pictures, facts and videos.
Takes away valuable contact time in the production of the web site within the limitation of the 12 week period duration of the course.
- Lack of knowledge of HTML.

Require specification.

There will be a introductory home page which will indicate the sites purpose with a logical branch to 6-3 choices and loads up fairly quickly for the user.(under 15 seconds)

- All outside links will be kept on a single page in order to keep visitors upon your website for as long as possible. If they do branch off they can come back easily to the site.
- A contact e-mail address should be displayed at the bottom of the page in case the visitor has any queries or comments to issue to the owner.
- A link to a different Web site, for example WWW.WWF.COM. This could be indicated using this image-

- Each link should not be any ore than 2 clicks away to accommodate what the user demands.
- The visitor should always know that he/she is always on a Manchester United Website. (The crest should always be seen)
- The site should be enjoyed by everyone who visits, therefore there should not be interfaces which take the latest hardware, software and a high speed internet connection to access some of the sites functions.
- 2 frames will be used to reduce the amount of cluttered objects.
- Use java applets and java scripts where possible to increase amount of interactive material on site.

Glossary of terms.

Internet: Is the global open interconnection of computer networks that enables the computers and the programs they run to communicate directly by the use of telephone network.

ISDN: Is a digital network that can be regarded as an extension of the public telephone system. The primary advantage over modems is the speed of transfer.

Browser: A software program (Microsoft explorer/ Netscape) that enables you to view and download WebPages and various files such as text, sound, graphics, sound, video.

Modems: Piece of hardware for connecting 2 or more computers through a phone line by converting the digital signals into analogue signals for the phone line and vice versa.

Clock: Clock is a device which sends electrical signals around the computer, and on each pulse or clock cycle the computer does a calculation. Speed is measured in mega hertz.

Hardware: Hardware is the machinery that makes up a computer.

Software: Software is the name for the instructions a computer is given so that it can do pieces of work.

Bit rate: Is a measure of the speed that data moves between various parts of a computer.

WWW: A collection of information held in multimedia form on the internet. The information is stored at the locations called web sites in the form of web pages . A web page is a single document.

Home page: Provides a starting point for a user to search the site.

E-mail: Sending messages from user to user through computer communications.

Hypertext: Mark-up language (HTML) is a computer language used to create multimedia pages. It is used for world wide web pages.

Windows: Is a program that controls the entire operation of the computer. A combined graphical interface and operating system.

Frame: Displayed one or more HTML files in the window of a browser at any one time.

Applet: Small java program that is embedded into a HTML page.

Java script: A scripting language for the web documents. It makes web pages interactive e.g. by validating forms and displaying messages to the user.

Jpeg: Type of image file which compresses the image to make a small file, but is still capable of containing up to 6 million colours.

