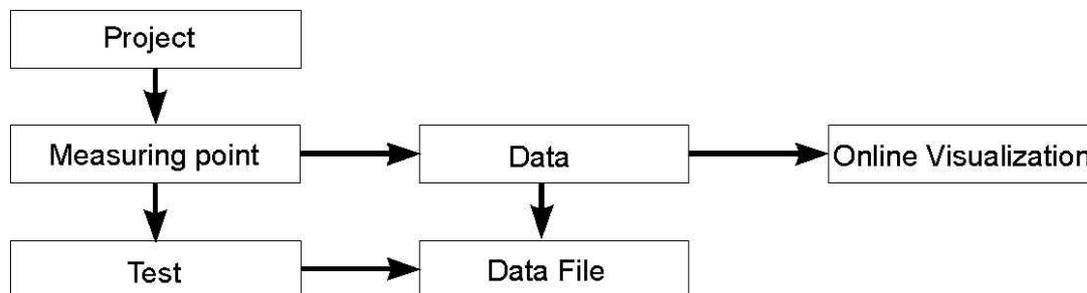




The program „MEDUSA“ is used to measure, to record, to visualise and to selectively store electric measuring values. The electric measuring values can be converted into each physical unit and if necessary linearised. The program can be adapted to different A/D-converter systems. The standard version runs with the DDA-board (see Chapter 6.1). The measuring data are stored in an ASCII-file.

Program Design

The program is divided in projects, measuring points and tests. When setting up a project, a sub-directory for this project is always set up, too. Within a project measuring points can be set up (see scheme). On principle you can distinguish between measuring points where the data are put in by the keyboard (manual measuring points) and those where the data are electrically recorded (automatic measuring points). The maximum of measuring points is 20. When calling or storing a project all measuring points of the project are loaded or stored. Within a project the number of set up tests is only limited by the operating system.



The measuring data can be shown on the display (max. 14 measuring points). The data of two given measuring points can be visualised online („real time“) as well as offline in a X-Y graph. In addition it is possible to put out the data during the measurement on a printer or on a floppy.

System Conditions

Necessary are:

An IBM-compatible computer with a processor 8088 or higher, an operation system MSDOS 3.3 or higher, hard disk and a memory of 640 KB.