

SOFTWARE TOOL TO CONTROL AND MONITOR A PC-NETWORK LABORATORY

Project Number : CS/119

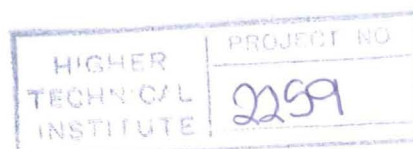
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PCS



SUMMARY

The software tool for controlling the PC Lab is a communication package, designed especially for the IPX/SPX protocol. Its primary objective was to provide control facilities to the lecturer, so to perform its duties with more convenience. Secondary objective was to provide electronic mail to students.

The lecturer is provided the control facilities requested, but for the student none have been implemented. The project from its nature is event triggered programming, meaning that the programmer does not have control with the hardware. In contrast, must adjust its programs to operate concurrently with other programs in memory, without causing any malfunctions. So, it was very difficult to synchronize all the process to operate concurrently. Also, in case of a hardware error, it requires low level debugging to identify the error and correct it.

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