ABSTRACT

Barcode is uniquely numbering scheme with computation reading system by vertical black lines and infra red bounds that are connected to computer through parallel, RS232 or universal serial bus port. Founded information on a barcode is only the serial number as an identity. Access control by using this barcode with owned database enables automation at one particular attendance system.

Absence management through this system enables optimality of student ID function which is provided by student identity number. Existence of data reading through a peripheral as an input of a system has on-line authorization character to database owned, will prevent occurrence of double entry at attendance scheme. Each transaction will be provided by authentication from scanner at client which is directly connected with center database controlling system; by forming electronically authenticated transaction, according to student identity number at card.

Barcode application of this access control quadrant has been designed Data Processing Facilities and Office Entry by using visual basic. We use barcode in absence system aim to monitor status and history student. This matter will facilitate system at controlling to attendance of student.

Key Word : *attendance system, on-line authorization, double entry, Data Processing Facilities*