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(54) Title: AUTOMATED TESTING AND ELECTRONIC INSTRUCTIONAL DELIVERY AND STUDENT MANAGEMENT SYSTEM

(57) Abstract

This invention is a computer based system for the assessment, management and instruction of students, and for the delivery of work pages and other instructional materials in the form of electronic student workbooks. The computer based assessment of the student produces a student profile including skill gaps or learning objectives. Teacher (20) and student (22) workstations are networked CPUs with pen-based tablet inputs, and displays networked with a central processor (10) and data base. A director workstation may also be provided network with the central processor. The central processor generates a teacher workbook either directly or with input from the director workstation. The teacher, or teacher and director together, assemble an electronic student workbook containing instructional materials correlated with the student profile. The system tracks useful data such as instructional material (e.g., textbook pages, work sheets, software, simulations, tests, etc.) delivered to students.

