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(54) Title of the invention : CTAO - EDUCATIONAL MONITORING: IOT BASED EDUCATION MONITORING TO CHECKING THE CLASS TEACHER AVAILABLE IN A CLASS AND NOTES AVAILABLE ONLINE NOTIFIED.

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(57) Abstract :

Our invention "CTAO- Education Monitoring" is an educational system which adapts at all educational content to a learning style of a student provides substantially immediate and effective teachers tracking, student tracking, academy data tracking feedback of student performance to parents, and incentivizes each participant in the students' education to use the system. For example, the intelligent educational system interactive educational lessons and exercises to a student to determine the student's learning style or modality and also the educational system adapts the presentation to the modality. The invented teaching technology is also providing homework curriculum and educational content based on, for example, the student current educational needs or scholastic exercises. The educational system provides rewards to teachers, students, and parents for using the system. For example, the education system enables parents to accumulate a fund for college education and the fund may be increased through rewards for using cash back credit cards, purchasing goods online, lottery-style awards, use of the online education system, or the like. The invented teaching technology is also tracking a motion of a teachers, students by obtaining two types of measurements associated with the motion of the body, one of the types including acoustic measurement. The invented teaching technology is an estimate of either an orientation or a position of the body is updated based on one of the two types of measurement, for example based on inertial measurement. The invented teaching technology is a mobile teacher tracking system is provided for tracking the removal and use of specific teachers within a group checked out from storage between the time the teachers are checked out and the replacement of the teachers in the storage. The system includes a system controller and a storage unit that receive and store a series of teacher carriers therein and each teacher carrier includes a series of teacher holders in which id tags for the group of teachers checked out of the storage are received. The invented teaching technology is a teacher carrier monitors the time each teacher is removed from the teacher carrier which information is thereafter communicated to the system controller.

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