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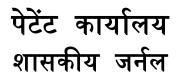
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(54) Title of the invention : DEVELOP AI BASED MONITORING SYSTEM FOR STUDENT'S ATTENDANCE AND TEACHER'S FEEDBACK FOR DISTANCE EDUCATION INSTITUTIONS

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(57) Abstract :
ABSTRACT DEVELOP AI BASED MONITORING SYSTEM FOR STUDENT'S ATTENDANCE AND TEACHER'S FEEDBACK FOR DISTANCE EDUCATION INSTITUTIONS The present disclosure relates to a monitoring system for student's attendance and teacher's feedback for distance education based on artificial intelligence. This study's main goal is to demonstrate how timely, accurate feedback, followed by qualitative assessment, improves students' learning in a higher education setting. In light of the growing popularity of online learning, particularly in light of the COVID-19 epidemic, the function of evaluation and feedback has also evolved. Earlier, the assessment component was not seen to be the primary emphasis of learning and teaching at distance education institutions, but it is now apparent that the paradigm is shifting toward measuring those student actions that improve their learning outcomes as online education becomes more prevalent. The development of assessment methods and tactics that can aid in teaching and learning has been the subject of extensive research. This study's main contribution aims to summarise the most popular machine learning and artificial intelligence algorithms for student performance. Additionally, the findings of the comparative analysis study will aid educators, instructors, and administrators in developing less stressful, more valid, reliable, and constructive findings and connecting the power of feedback to improve learning outcomes.

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(54) Title of the invention : REDESIGNING ROBOTICS BASED FRAUD DETECTION AND DUPLICACY TRACKING FOR AADHAR CARD AND PAN CARD

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(57) Abstract :
ABSTRACT REDESIGNING ROBOTICS BASED FRAUD DETECTION AND DUPLICACY TRACKING FOR AADHAR CARD AND PAN CARD The present disclosure relates to fraud detection and tracking system for aadhar card and pan card. A Permanent Account Number is used primarily to track and identify each financial transaction that a person makes. A PAN's primary responsibility is to make sure that every citizen fulfils their tax-paying obligation. An Aadhaar Card is a unique identifying number (UID) that was issued by the Unique Identification Authority of India, a central government body that works in India (UIDAI). The present disclosure discloses how data is entered into the detection system and suspected records are checked by the data is identified by the fraud management platform which is further viewed and reported by the visualization layer in the system. Robotics automation layer performs certain automated action against the suspicion detected and the data is stored in a storage module. The present disclosure covers a wide range of enrollment frauds that have been noticed in the past and in the present. It covers the introduction of a foolproof fraud control system into the existing Aadhar system as a means of eradicating such scams. It also covers the use of robotics in the search for such enrollment frauds..

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