

Abstract

TITLE: Real time tracking of students learning's outcomes and their academic progress across schools.

DESC: Currently in schools teachers perform manual work to prepare and track students' learning's outcome through report cards. This is the standard procedure done manually throughout the country. Often it is observed that students are also good in co-curricular activities and being good in academics is not the only way ahead. In current situation it is not possible for a teacher to pay attention to every student and find out the best in a child. Hence there is a need to develop solutions to track all activities of a student including the academic progress in real-time. Innovation in this domain will be appreciated to develop systems which automatically reads the students' progress and generates feedback also is a good way to proceed.

Solution:

For the given problem statement, we came up with a web based solution. This website facilitates registration of schools using their UDISE code and login will be made available to school admin, teachers, and students. Admin of a school has the privileges of enrolling teachers, providing school's operational structure including details such as CCA, ECA, etc. Teachers have the privileges of enrolling students, updating marks and attendance, giving homework, remarks (if any). Students/parents can access the website to monitor students progress, attendance and track assigned home works every day. Reports will be generated by the system based on the student's overall performance. After grades are assigned for every subject, CCA, ECA the system identifies his/her strengths and brings it to the notice of both faculty and parents.

