TEAM ID   **:**   **NM2023TN**

PROJECT TITLE   **:** **CREATION OF AN APPLICATION FOR**
.   **SCHOOL   MANAGEMENT**

Project Design Phase – Part 1

From this milestone you will be starting the project design phase. You are expected to cover the activities given.

Solution Architecture

In this activity you are expected to prepare solution architecture document and submit for review

Creatrix Campus

Top 10 issues around school management and how to solve them easily

May 14, 2019 Sriram

common problems and solutions in school management

Common Challenges facing school management and solutions

Managing a high school and bringing together departments and campuses to achieve the mission is always a big challenge for school management.

Transforming schools system with high technology-enabled automation tools to support the academic and administrative processes will make it easy to achieve their goals.

To succeed in everyday tasks of schools, there is an emerging demand to modernize public education system with cloud, mobile and digital technologies to improve operational efficiency and manage the institution effectively

Here are some commonly observed school management issues, and how technological solutions can be employed to do things right:

Most 10 common problems in school management

Paper-based processes

Online Registration

Admission & Enrollment

Course Management

Teacher Evaluation

Communication & Collaboration

Classroom Management Strategy

Student Monitoring

Revenue Management

Forecasting the academic achievement

1. Paper-based processes

Educational institutions are burdened by cumbersome paperwork and manual processes, and they find it difficult to maintain records on attendance, fees, admissions, transport, etc., and track the information they need. Using School Management System, automate academic processes to save time and reduce staff workload.

2. Online Registration

Students no more have to stand for hours in the queue to pay fees. Simplify registration and fee collections with online forms, with the ability to send

automatic notifications, alerts and reminders via email, SMS alerts and push notifications from mobile devices.

3. Admission & Enrollment

Colleges and Universities are finding hard to achieve admission and enrollment targets. Aligning people, processes and technology with simple & user-friendly cloud-based education solution will help institutions to manage information from inquiry and application to admission and enrollment.

4. Course Management

Designing a course curriculum that can adapt to the changing needs of the institution is crucial. With a Course Management System institutions can accomplish a lot with limited resources. Create and track course-work, assignments, and exam papers in a conducive classroom environment to support the goal of graduating students.

5. Teacher Evaluation

Tracking the progress of teachers and evaluating the effectiveness of teachers' work is significant. Teacher evaluation system improves communication and collaboration between evaluators and teachers. Student's feedback will measure teacher's performance in the classroom and the automated evaluation process improves student learning skills, achievement and success.

6. Communication & Collaboration

There is apparently no platform to provide seamless communication between students, administrators, staff and teachers. Moreover, increasing student discipline incidents happen as a result of big communication gap between students and teachers. Web and mobile-based education management system improves communication through instant notifications and alerts via email, SMS and push messages to keep the constituents informed at every step of the journey to build relationship and improve student retention.

7. Classroom Management Strategy

Schools are finding it difficult to handle tardy students, and solve indiscipline and behavior issues. Improve classroom environment with discipline tracking and Conduct management system to easily handle tardy students and uninformed absences.

8. Student Monitoring

Teachers are struggling to monitor student's activities including attendance, leave, discipline, assignments, etc.   School administrators are lacking in result-based monitoring tools to track student progress. Automate and streamline student attendance and absenteeism using student information system which delivers real-time status updates of student activities to support learning needs.

9. Revenue Management

It is difficult for institutions to cope with their finances and track their fee collections and contributions. Seamlessly connect and engage with students, parents and alumni to strengthen relationship and drive greater success.

10. Forecasting the academic achievement

Institutions are unable to manage information and there are endless delays in taking decisions based on complete analysis. Dashboard reports and intelligent analytics are useful indicators for educators to examine attendance, assignments, grades, etc. and predict student outcomes. Using data analytics will help institutions to identify students at-risk and deploy resources to improve achievement and success