​Overview of the System Idea

​Online School Management System (OSMS) is intended to make most of the administrative and academic activities in school efficient and less time-consuming. The intended use of this system is to store involving data of the students, faculty members’ information, courses, schedules, attendance, and to support communication of all these entities. This will be made possible through the efficient use of school’s operations through reduction of manual activities and enhanced data management.

​Key Features and Information Provided

***​​1.* Student Information Management**

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**​​Enrolment and Registration:** General and more rapid registration and admission of the new and old students on the internet-based services.

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**​​Student Profiles:** Personal details, on individuals, their traits, habits, behaviour, performance, approaches to speaking or writing etc.

**​​**

**​​Academic Records:** An efficient storage of records of the students, the results, the transcripts, and other related documents.

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***​​2.* Faculty and Staff Management**

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**​​Profiles and Roles:** The duties in the company through; outlining duties of the company in the company organization structure, distributing duties among the faculty and staff of the company and providing contact details of the company.

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**​​Scheduling:** it is of Faculty/Classes and the Schedule of Availability of Faculty.

**​​**

**​​Performance Evaluation:** A system practiced in organizations to assess faculties’ performance and feedback that the faculties give out.

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***​​3.* Course and Curriculum Management**

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**​​Course CatLog:** Some of the courses which are currently being offered by the school include There are several types of courses, and they include the following: The detail of the courses including their terms and credits is as follows;

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**​​Curriculum Planning:** Software for creating/modifying curriculum maps or routes that indicate how certain curriculum can be delivered.

**​​**

**​​Class Scheduling:** It is about automated course timetabling as one of the methods to minimize contradictions and as for the best result regarding the distribution of the resources.

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***​​4.* Attendance and Discipline Management**

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**​​Attendance Tracking:** Student’s unauthorized absence and tardiness during classes and the details of the faculties and employees’ absenteeism and Tardiness.

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**​​Alerts and Notifications**: Adverse notice; when an employee is late for work, when an employee gives a notice that they will be absent from work.

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**​​Reports:** Creating of report on attendance and discipline for record purposes in main source documents.

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***​​5.* Communication and Collaboration**

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**​​Messaging System:** Internal Messaging which will enable the students, faculty, and administration to transact secure messages.

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**​​Announcements:** It fully serves as a Coordination Centre for all the announcements that are made to all the schools.

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**​​Parent Portal:** To enable the parents to have more information on their children’s performance at school and other happenings at the given institution.

**​NOTE: we will implement this system only if time permit us to do it.**

***​​***

***​​6.* Examination and Assessment Management**

**​​**

**​​Exam Scheduling:** Computerized exams and assessments registration and an automated schedule of exams and assessments.

**​​**

**​​Online Testing:** In communication, testing and all other online means of education, software is used.

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**​​Grading System:** Budget grading system with the option of automating the process and, additionally, grading the assignments taking into consideration all the parameters set.

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***​​7.* Library Management**

**​​**

**​​CatLog Management:** Listing of library’s collection of books and journal and other multimedia materials for the class.

**​​**

**​​Borrowing System:** Such aspects as borrowing/purchasing and returning of material were Internet-based routine activities that were contained in the model.

**​​**

**​​Resource Tracking:** It is also possible to define data base as the records of resources that is available and borrowed appropriate to a particular project.

**​NOTE: we will implement this system only if time permit us to do it.**

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***​​8.* Fee Management**

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**​​Billing and Invoicing**: It is an intelligent system to make billing or generation of invoices for the tuition or any other fee that the institution charges.

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**​​Payment Gateway:** Online payment system with the protected payment area in which the actual payments occur.

**​​**

**​​Financial Reports:** Precise preparation of the financial reports which would need audit or special scrutiny.