**SCHOOL MANAGEMENT SYSTEM**

* **PURPOSE:**

The rationale of this system is to replace the existing manual school management system that had produced inconvenience not only to the students but also to the school administration. Our goal is to develop a secure, fast, accurate, and user-friendly system.

* **SCOPE:**

The web based system includes a computerized Application form. It allows users to fill in the form and submit. It allows the administrator side to retrieve information and to register successful applicants as students. It can severely reduce the amount of duplicate effort required for multi-enrollees. The system would record student information, student enrollment, fees- collected and uncollected and billing of accounts. It cannot be altered or modified by other users (students, registrar, cashier & teachers) except for the administrator (the only one who have full access to the system).

The system basically takes care of 5 services:

1. Student profile
2. Classes and subjects offered in each class
3. Staff records
4. Time tables/ schedulers
5. Attendance

**School Management System Features and Requirements**

1. **.Student Profile: This system maintains the whole record of student like admission, fees, class, grades (result), and relevant awards and comments/notes.**

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| **S/N** | **Req. Name** | **Requirement details** |
| 1 | Student Registration | This system allows registering/.admitting a new student. |
| 2 | Student Class and subjects | This System maintains the student class and offered subjects in that particular class. |
| 3 | Student Result Card | This system maintains the records of marks student got in particular class and subject. |
| 4 | Student Fees and dues | This system maintains the student fees and dues record. |

1. **Classes and subjects: This System maintains the whole information of school academic offers like class from nursery ,primary and secondary and subjects offer in that particular class**.

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| **S/N** | **Req. Name** | **Requirement details** |
| 1 | School Class | maintains the information about the class. |
| 2 | School Class Subjects | maintains the information of subjects of particular class. |
| 3 | School Class Fees | maintain different type of fees of classes. |

1. **School Scheduler: The system maintains the time table of classes and different event school.**

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| **S/N** | **Req. Name** | **Requirement details** |
| 1 | Time Table Of class | The system allows adding new time table, updating time table and viewing time table of all the classes. |
| 2 | Event calendar | The system maintains different type of upcoming events date and time. |

1. **Attendance: This system allow to record and maintain student and staff attendance.**

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| **S/N** | **Req. Name** | **Requirement details** |
| 1 | Student attendance | This feature allows recording and maintaining student attendance. |
| 2 | Staff attendance | This feature allows recording and maintaining staff attendance. |

1. **Staff Record: This system allows to record and maintain the bio-data and qualifications of all members of staff in school and their payroll.**

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| **S/N** | **Req. Name** | **Requirement details** |
| 1 | Staff details | This feature allows recording and maintaining student attendance. |
| 2 | Staff payment | This feature allows recording and maintaining staff  Payment record . |

* **MILESTONE:**
* **Start date: Wednesday, 16th of September,2020**
* **End date: Friday, 25th of September,2020**

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| Project phase Days of Execution |  |
| Analysis and scope definition | DAY 1 |
| Design | DAY 1 |
| Development:  -creation of database and repositories  -coding  -unit testing and debugging | DAY 1-DAY 6 |
| UI design | DAY7-DAY 8 |
| system testing | DAY 9 |
| Deployment | DAY 10 |

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