## Requirement

Functional and non-functional requirement for School Management System

Functional requirement:Functional requirements are those which are related to the technical functionality of the system

Non-functional requirement: It is a requirement that specifies criteria that can be used to judge the operation of a system in particular conditions, rather than specific behaviors.

## Requirement prioritization

Requirement prioritized are explained clearly on the table below.

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| Functional(F)/Non-functional(NF) | Requirements | MoSCoW | Description |
| F(R1) | Login and Registration System | M | Security is possible with this system since only approved one can visit the page. |
| F(R2) | Sending and view message | M | It is one of the effective way to keep teacher student parent and teacher in contact when is necessary. |
| F(R3) | Attendance | S | Attendance can be added and viewed from normal existing system but if is added in this system student report generation can be made. |
| F(R4) | Inserting students result of each subject | C | Having final detailed report is important but result system is not that important. |
| F(R5) | Calendar | S | Events are managed in the timetable where date is very important so calendar is very important to have. |
| F(R6) | CRUD function | C | Admin can update delete insert and retrieve the data of the student, teacher classes courses etc. which is important. |
| F(R7) | Routines | M | Routines enable users to guide the timeline of the schedule of the school. |
| F(R8) | Results | M | Results is the outcome of the exams done by the student, so it is one of the main function of the school. |
| F(R9) | Notifications sending | M | Best communication means |
| F(R10) | Exam | M | This is one of the main function of the school that allows student involve in exams so that they can get their results from what they can be able to do. |
| NF(R11) | Security | S | Data security must be always prioritized so, security measures should be followed. |
| NF(R12) | performance | M | Performance is one of the main feature of this application. So performance is prioritized. |
| NF(R13) | Scalability | M | Increase in data and new technology system needs to be flexible and changeable |
| NF(R14) | Maintainability | M | Although project can't be 100%okay , there are always chances of having bugs and errors so system should be manageable to be out of bugs and errors |
| NF(R15) | Usability | M | Whole system should be usable for the good performance. |