# REQUIREMENTS SPECIFICATIONS

## SRS DOCUMENT

### INTRODUCTION

The "Student File Management System" project is web software that was developed for the correct accessibility of files in the shortest possible time. It is supplied with the functionality of inserting, editing and retrieving student data. This application also helps to safely store constant statistics. for a longer period of time. load the data from one input to the other and in the extended student information system you can easily create multiple reports with this data.

When you implement student management software it allows you to cut back your expenses and increase your efficiency at the identical time. There are such a big amount of benefits of having the ability to take care of various services at a very low cost, reducing the quantity of individuals employed to manage the institute, automating the complete operation of administration, etc. this suggests that as an academic institution you get plenty of freedom from manual work.

### INTENDED AUDIENCE

* Non-Teaching Faculty
* Teaching Faculty
* Student

### INTENDED USE

The main purpose is to maintain the data related to the students of the college in an organized and efficient way to retrieve and manipulate them.

The Non-Teaching faculty can have the access to manipulate the records of the students submitted during the time of admission process. The operation performed by the faculty includes adding a new student, updating a student and removing a student.

The Teaching faculty with a proper login details can put the attendance and submit the student’s marks. The application also assists in report generation and easy access of the results. The students can view their details, marks along with attendance allotted by the teacher.

### SCOPE

#### SCOPE DESCRIPTION

#### The idea of Student record management system is to safely secure the student records. The main objective is for the betterment of organised records and command over the data.

#### ACCEPTANCE CRITERIA

* Inserting, viewing, updating and removing the records of students
* Every user has their individual access to the system
* The teacher cam marks the attendance and assign the marks of the students
* The students having the access of their respective info along with attendance and marks allotted

#### EXCLUSIONS

* The fees record of the student
* Any other activities apart from marks and attendance of the student are not included (part 4)

#### ASSUMPTIONS

* Teacher adding the details of new paper included in the curriculum.
* Student access to update their login credentials.
* The user can take print of documents
* Giving multiple login accesses to the faculty
* Admin approval for teacher registration

### USER NEEDS

* Managing the records of the student which includes,

1. personal information
2. contact details
3. address info
4. Student image
5. 10th and intermediate marks memo along with study of conduct and transfer certificate.

* The teaching faculty having the access to,

1. insert
2. update
3. remove

the marks scored by the student in internal and external examinations as well as Attendance and Assignment marks.

* Providing a clear report for the student, examination scores and number of attended days in total working days of the semester

## FUNCTIONAL REQUIREMENTS

1. Users accessing the system with a proper valid login detail.
2. Submission of student details and certificates.
3. Submission of marks and attendance by the teacher.
4. Report generation for attendance and marks.
5. Student viewing the details, marks, attendance and report.
6. Teacher accessing and updating the details of marks and attendance
7. Non-teaching faculty accessing the details of student and certificates

## NON- FUNCTIONAL REQUIREMENTS

1. Security

Secure school administration software often offers password protection for each module. Administrators can configure the software to vary usage access for different users who use the software. a teacher using the system may need access to various modules including attendance management, exam management, etc. This can be well supported by the use of a secure school administration system.

1. User-friendly

The application has a user-friendly interface which is built with the web development software that includes HTML, CSS, JavaScript etc. The user can retrieve the information needed anytime with one click. Report are automatically generated especially for the teaching faculty.

1. Manageability
2. Availability.