**Software Requirement Specification of**

**A Student Life Management System**

**1. Introduction**

As the progression of science and technology, the whole world becomes digitalized, that’s why most of the people,institutions focuses on less paperwork, more organized data by digitally storing them.Earlier due to lack of advance technology all academic processes were happen through paper. Nowadays in academic institutions all processes become digitalized(e.g.- Applying for the exams,view class and exam routine,access study materials).

So, As a part of our Academic Internship, Our group has decided to make a Student Life Management System where all the academic details of a Student can be accessed.It will be very helpful for both students and teacher/faculty ,also institution administration.

**2. Purpose**

The purpose of the Student Life Management System is to make all the academic processes of an Institution easy.We all know that all the academic processes is very hard to manage through paper files and also very time consuming and costly.The Student Life Management System will ensure the smooth compleition of all these processes.

**3. Intended Users**

There are Three(3) Intended Users of this Student Life Management System:

A. Students of that Academic Institution

B. Faculty/Teachers of that Academic Institution

C. College Administration

**4.**  **System Features**

In this Student Life Management There will be three type of User Interfereces one for students,one for teachers, and another one for College Administrators.

There will be SignUp,LogIn,LogOut features for all three type of users.

A.Students:

* Students can view their attendance and its history
* Students can submit assignments
* Students can ask queries/doubts
* Students can view exam/class timetable
* Students can get notifications about important announcements from college

B.Teachers:

* Teachers can give Students Assignments
* Teachers can give the attendance of the students
* Teachers can also give internal marks(only accessable by teachers)
* Teachers also can get notifications

C. Admin:

* Admin can send notifications to both teachers and students separately
* Admin can access all the details of teachers and students and update them if necessary

**5. Tech Stack**

We will primarily use MERN(MongoDb,ExpressJs,ReactJs,NodeJs ) to make this Student Life Management System. We will use ReactJs to make frontend of the system(e.g.-User Interferece of all the three type of users).We will use ExpressJs to create routers where the user can do different tasks on different routers(e.g.- /assignments ,/attendance,/ExamTable),NodeJs will be working as a runtime environemt for the application.We will Store all the users data with the help of MongoDb Database.

**6. Future Scope**

We have also dicussed about the future scope of this Student Life Management Sytem.In future,We might make the app version of this system and launch it on play store.We may also add some other features such as set daily and weekly study goals, an E-library,personilized lecture video recommendations.