

1. Introduction

1.1 Scope

- This project bases on making the learning infrastructure more suitable and easier. It minimizes time and energy that some jobs which can be made easier by this project will be handled well to make the system better.
- This gives more advantage for the education sector's development and student's productivity.

1.2 Product Perspective

- This system is a school management system which enables the teachers post grades and the grades are viewed in the student's site and his parents site privately. And lets the student fill attendances and get resources posted from the teacher easily. And it enables the students to register easily if they are students in the school before by logging in to their accounts. Other wise they signup by the help of the school's registrar office.

2. Specific Requirements

2.1 Student's Interface

- Login to his account
- Sign up if he is new to the Site/School
- Fill Attendances/Optional depending on the school rules
- Get Resources Posted from the Teacher
- Send Feed backs

2.2 Teacher's Interface

- Login to his account
- Sign up if he is new
- Set Students Assessment
- Set Feedback in the student's behavior

2.3 Family Interface

- Login to their accounts
- Sign up if they are new
- View Their child's assessment
- View their child's behavior if given feedback by the teacher

2.4 Functional Requirements

- Users (Student/Teacher/Family) create an account (sign up) to login
- Registered users can log in providing their username and password
- Students are able to view their grades
- Student gets resources from the post of the Teachers
- Family gets notified about child's results and behavior
- Teacher posts resource for students
- Teacher sets students assessments
- If necessary Teacher sets feedbacks on a student

2.5 Non-Functional Requirements

2.5.1 Security

- The system guarantees the users that any of their information will be kept safe. For example log in information like password and usernames and assessment records of students.
- It also makes the user data not to be accessed by an authorized user.

2.5.2 Performance

- Without considering the internet speed and the type of machine the user is using. At standard level the response time of a search should not take long.

2.6 Logical database requirements

(May change through progress)

Data	Attributes	Purpose
Student	<ul style="list-style-type: none">• Username• Password• First Name• Last Name• Student id• Email• Grade	
Family	<ul style="list-style-type: none">• Username• Password• Phone• Email• Last Name	

	<ul style="list-style-type: none"> • First Name 	
Teacher	<ul style="list-style-type: none"> • Username • Password • Phone • Email • Last Name • First Name 	
Attendance	<ul style="list-style-type: none"> • Student Id (from student) • Date 	
Assessment	<ul style="list-style-type: none"> • Student Id (from Student) • Value • Subject Id (from subject) 	
Subject	<ul style="list-style-type: none"> • Name • Subject I 	