**Paperless School Management System**

**Business Requirement Specification**

Table of Contents

1. Introduction 3

2. Business Requirements Overview 4

3. Functional Requirements Overview 4

4. Non-functional Requirements 5

# 1. Introduction

# **Document Purpose**

This document communicates the business requirements and scope for developing Paperless School Management System. The scope of this document is to define the functional and non functional requirements, business rules and other constraints requirements.

# **Project Background**

In this pandemic, one of the main things the whole world has understood is power of internet and ability to study or work from home. During this pandemic, education systems in India faced challenges with admission process for students. With this challenge in mind, we decided to work on a system where we can completely virtualize or make the educational process such as online school admission with easy accessibility of resources and study material etc. With advancement in telecom industry, phones are cheaper and internet has reached every corner of villages. Hence giving accessibility of education to the students in every remote and rural part of India.

# **Goals of the project**

* The main objective of this project is building a website which improve user accessibility and time flexibility to earn education no matter where they are located.
* The key benefits of online education are low costs , no traveling required , self-paced coursework.
* It provide all information and services to all faculty members , students and their parents.
* The online school management system is enabled to manage the performance of the students.

# **Students and Teachers**

**Students**:

* + Students want to take admission
  + Parents want to know the progress report of their children’s.
  + Students get accessibility to study materials.

**Teachers**:

* + Generate progress report.
  + Maintain daily attendance
  + Education
  + Feedback

# 2. Business Requirements Overview

* Paperless School Management is a Web application for various different schools.
* Paperless School Management is opened to the global, but in phase 1, the main target is a single school.
* There are mainly two types of user. One is the Student and other is teacher.
* Student can register/apply for admission, submit documents, go through study materials, see progress card, give feedback etc.
* Teacher will be registered and get particular class through Admin only.
* Paperless School Management is maintained by Administrator.
* Administrator can control admission process and approve registration of students.
* Paperless School Management provides such functionalities which connect teachers and the students with each other efficiently and it will reduce gap between teacher and students.

# 3. Functional Requirements Overview

Paperless School Management System consists of four modules described as below.

1. Student Module
2. Teacher Module
3. Admin Module
4. Message Acknowledgement Module

# **3.1 Student Module**

* Student can register and create their account.
* Paperless School Management System provides the functionalities like to apply for admission, get online study materials etc.
* The Students can learn the technique how to use Paperless School System.
* The Students can find the progress card, Attendance report etc.
* Providing “FAQ” in case of any Queries

# **Teacher Module**

* Paperless School Management System provides the functionality which allows Teachers to provide all study materials according to student standards.
* Maintain all attendance and Progress of students.
* Send messages or email to the parents.

# **3.3 Admin Module**

* Paperless School Management System should provide all functionality to admin how to handle the System.
* Admin has controls of all the functionalities of Student and Teacher module.
* Admin will confirm the admission of students.
* Admin will register the Teacher and grant them class.

# **3.4 Message Acknowledgement Module**

* Message Acknowledge Module has made the communication better and reduce the gap between parents and teachers

# 4. Non-functional Requirements

* The website should use professional design, look and feel and color scheme.
* Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence we will target the system to support between 5 and 10 million users on launch of phase 1.
* Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
* The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.