**e-Shiksha: Available for Your Dreams**

**Business Requirement Specification**

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**1.Introduction**

* 1. **Document Purpose**

This document communicates the business requirements and scope for developing an online school management system. The scope of this document is to define the functional and non-functional requirements, business rules, and other constraints requirements.

* 1. **Project Background**

Schools and colleges across the globe have closed in the wake of the coronavirus pandemic. Now, the biggest concern for teachers is maintaining continuity in student engagement and tracking progress. It is an overhead to keep the records related to faculty, student and parents on the papers, therefore there is a need of online school management system.

* 1. **Goals of the Project**

The goal of our project is to develop a web-based application for school management. This system provides access to attendance, marks, timetable and fee details. Teachers, students and parents benefited from this web application. The students or parents who are going to use the site must have knowledge of using computers, so that they can access site and manage studies online.

**1.4 Customers and Stakeholders**

**Customers:**

* + - * Teacher
      * Students
      * Parent
      * Clerk
      * Administrator

**Stakeholders:**

* + - * Teacher community
      * Student community
      * Government

**2. Business Requirement Overview**

* e-Shiksha is a web application for school management system.
* There are mainly four types of users - teacher, student, parent and clerk.
* Teacher can manage attendance, marks of student, manage profiles.
* Student and parent can view timetable, fee details, marks and attendance.
* Clerk can manage timetable and update fee details.
* The whole system will be maintained by Administrator.

**3. Functional Requirements Overview**

e-Shiksha consists of following modules described as below: -

1. Student and Parent Module

2. Teacher Module

3. Clerk Module

4. Administrator Module

**3.1 Student and Parent Module**

* They can register and create their own account.
* Student and parent can view upcoming timetable, fee details, marks and attendance.
* Student can view list of his/or classmates and the teachers.
* Both can view their personal information.

**3.2 Teacher Module**

* Teacher can register and create his/her own account.
* Teacher can view and manage student’s attendance from his login.
* Teacher can view list of students and timetable.
* Teacher can view, fill and update marks for the student.
* Teacher can update student’s and parent’s information.
* Teacher can update his/her profile and change password.

**3.3 Clerk Module**

* Clerk can register and create his own account.
* Clerk can update fee details.
* Clerk can manage upcoming timetable.

**3.4 Administrator Module**

* e-Shiksha System should provide all function to admin how to handle the System.
* Administrator can generate log reports and manage accounts.

**4. Non-functional Requirements**

* The website should use professional design, look and feel and color scheme.
* The system should be designed in such a manner that users will be able to

complete tasks in a minimum number of steps and with minimum effort.

* Users will have no limitations for accessing the application through the Internet.
* The system has accounts for its users and only authorized users can access the system with username and password.