Student Management System

Software Requirements Specification

Version <1.0>

Revision History

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Software Requirements Specification

# Introduction

This document is a Software Requirement Specification (SRS) for the Student Management System project. This document is prepared by following IEEE conventions for software requirement specification.

The system is a web-based application which provides services, function to for teacher to be able to manage the information, status of students, courses, subjects, etc. in the university. In addition, this system also provides services for student and parent to access, view the material, resource which are uploaded to the website.

The purpose of this system is to provide easy-to-use website for all university to manage all students.

## Purpose

The purpose of this document is to illustrate the requirements of Student Management System project. Requirements Specification defines and describes functionality, external interfaces, performance, attributes and the design constraints of the system which is going to be developed. The document describes both functional and non-functional requirements proposed by the client. It also describes the design constraints that are to be considered when the system is to be designed, and other factors necessary to provide a complete and comprehensive description of the requirements for the software. The Supplementary Specification captures the complete software requirements for the system, or a portion of the system. Requirements described in this document are derived from the Vision Document prepared for the Student Management System.

## Scope

This project is intended for managing information, uploading marks of student, materials, resources for learning purpose, etc. with clean user interfaces and easy-to-use platform – website. User can easily access into the system and use all the services this project provides.

Moreover, this system also divides the role clearly for admin and user. Having one admin who manage everything on website and set priority for all other users like teacher, student, parent.

## Overview

We are going to provide a detailed description of the Student Management System. This document will provide the outline of the requirements, overview of the characteristics and constraints of the system.

# Overall Description

This section gives background information about specific requirements of the web based student management system to be developed in brief. Although we will not describe every requirement in detail, this section will describe the factors that affect the final product.

## Use-Case Model Survey

* Admin can manage instructor, course, account, student (add, edit, delete) and adjust elements in webpage.
* The role of instructor in this page is managing grades of student, check attendance for marking and adding announcement in homepage.
* These other users like parent, student have rights to edit some information relating to their profile and view grade, information, announcement… about courses, learning progress.

## Assumptions and Dependencies

* Administrator can also be a project manager for a project.

# Specific Requirements

## Use-Case Reports

## Supplementary Requirements

* Since this a tool which can be used from anywhere and anytime in many different locations, so the server should be well managed.
* The users using this system need some basic knowledge about computer to use this website in the best possible way.

# Supporting Information

Some user interface prototype of student management system:









