School Management System

**Search Student/ Staff Details**

**Functional Specification Document**



# DOCUMENT PURPOSE

This document illustrates the functional specification of the School Management System (SMS) application. SMS is a system used for managing the activities of school like student registration, staff registration, etc. The following are the few important modules in the system

1. Student Registration
2. Staff Registration
3. Student Mark Registration
4. View and update Student/Staff Details
5. Search Student/Staff Details

Thisdocumentdetailsout the requirements for the search student/staff details module. The details for the other modules will be given in the respective modules functional specification.

# Search Student/Staff Detailsuse case

This use case will be used by administrators to search thedetails of a student/staff from the system. The administrator should have the details of the students/Staff to be searched from the system.

### Search Student/Staff Details use case

**Trigger:** Administrator triggers the functionality once he/she receives the details of the student/Staff.

**Pre-Conditions / Assumptions:**

* The admin should have the details of the student/staff to be searched from the system.

**Post Conditions:**

* The Staff/Student details will be retrieved from the database and then filtered based on the given condition and it should be displayed.

**Success End Condition:**Display the list of staff/Student Details based on the given criteria.

**Failed End Condition:**The system should throw an error message if one of the validationsis wrong. The error message and error code needs to be identified during design. The validation and business rules are mentioned in the business rules section.

**Steps & Actions:**

1. System should display all the necessary fields in the screen.
2. Student id should be in the format of ‘R-xxx’, xxx-should be a number.
3. Staff id should be in the format of ‘S-xxx’ xxx-should be a number.
4. Search for the Students should be based on the student standard.
5. Search for the Staff should be based on the experience, qualification, designation.

**Business Rules & Validations:**

* When student is selected student id and standard will be populated into the search by drop down automatically.
* When staff is selected, staff id, higher qualification, designation, experience, salary will be populated into the search by drop down.

# Student/Staff Search Screen:

This should capture the following fields

* Category – Drop down Student/Staff.
* Search By –Dropdown box populated based on the category
* Value – Represents the value for the selected search by criteria.
* Search – Submit Button used to search the details for the given criteria and display in the searched student details screen or searched staff details screen..

# Searched Student Details Screen:

This Screen should display in the table format with the following details.

* Student id
* Student Name
* DOB
* Gender
* Standard
* Guardian Name.
* Address
* Contact\_no
* Mail id
* Transport
* NetFees
* DOJ
* Country
* State
* Grade

# Searched Staff Details Screen:

This Screen should display in the table format with the following details.

* Staff id
* Staff Name
* DOB
* Gender
* Designation
* Salary
* Address
* Contact\_no
* Mail id
* Experience
* Year Of Passed out
* DOJ
* Country
* State
* Grade

**NOTE:**Refer the master screen design document for the UI design.