

# Requirements Document

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## International Student Management System

**Version3.0**

**Team Name: Cyberbot**

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## Version History

<b>Version</b>	<b>Date</b>
<b>V 1.0</b>	<b>9<sup>th</sup> May 2022</b>
<b>V2.0</b>	<b>16<sup>th</sup> May 2022</b>
<b>V 3.0</b>	<b>27<sup>th</sup> May 2022</b>

## Overview

This project involves creating a web application that has the ability to support the student advisors at Saskatchewan Polytechnic. The main objective of this web application is to reduce the day-to-day work stress of the advisors by providing easy access to the student information based on student id number. Student information should include students' personal information as well as the notes from earlier communications.

The system should have a proper authentication system capable of suitable authorizations for each role. Along with the website, we are creating all the documents for ease of use of the system.

## Requirements

### 1. Authentication

#### 1.1 Login:

- a. The system shall allow the registered advisor to login
- b. In this page of login, it shall check the username and password with Database values and allows login only if entered data are correct.

#### 1.2 New users:

- a. The system shall allow the admin/superuser to create a new account for each user (advisor).
- b. The create user page shall allow the admin to create new users (advisors)

#### 1.3 User Management

- a. The system shall show the active users of the system. The view permission of this page is limited to admin/superuser only

#### 1.4 Reset Password:

- a. The system shall allow registered users to change their password using their username.
- b. The system shall be capable of resetting the password of a user/advisor.

### 2. Main page (Search/View Student)

2.1 The system shall allow the advisor to search student's information by using student ID.

2.2 The system shall allow a option like the 'Manage user' button, which will only be visible to the superuser.

- a. The system shall allow superusers to create new users.

2.3 The system shall allow the search engine to find students' information by student first name.

2.4 The system shall allow all users to add new student information into the database via “Add new Student” hyperlink.

### 3. Student Details

3.1 Insert student:

- a. The system shall allow the advisor to create a new student
- b. The system shall allow the user to include the prospective student as well

3.2 Update:

- a. The system shall allow the advisor to update student details and it will reflect in database too.

3.3 View:

The system shall allow the registered advisor to fetch and view the student's basic details including notes once they enter the student id.

- a. The system shall allow a limited view to the advisors who have insufficient permission.
- b. The system shall allow a detailed view of details to the advisors who have sufficient permission.

### 4. Student Notes

4.1 Add notes:

The system shall allow the advisor to create student notes by clicking on the ‘Add Notes’ button.

4.2 View Notes:

System shall allow the advisors to view the notes in a sorted manner (sort by date)

4.2 Edit Notes: The system shall allow the advisor to edit notes.

- a. System shall allow advisors to add comments to the notes.
- b. System shall allow the advisors to view the attached files.

## 5. Features and Options

- 5.1 The system shall allow the admin advisor to create new users.
- 5.2 The system shall allow registered users to do login.
- 5.3 The system shall allow the admin to view/update the student's details.
- 5.4 The system shall allow advisors to save student's basic details.
- 5.5 The system shall allow navigation to different fully functional pages.
- 5.6 The system shall allow advisors to add and view notes and they can add comments as well.