Sonar

Use Case Specification: Generate Automatic Emails for Student Compliance

Version <1.0>

Revision History

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Use Case Specification: Generate Automatic Emails for Student Compliance

# Generate Student Compliance Emails

## Brief Description

This will generate automatic emails to be sent to students to alert them to update certificates and licenses in a timely manner

# Flow of Events

## Basic Flow

Each student will have all of their licenses and certifications entered into the system with their expirations dates. The new system should, based on a pre determined amount of time in advance, send an email to students as they are close to having something expire. This will allow for them to properly plan for getting themselves recertified or renewed.

## Alternative Flows

Alternative flows are actions that will occur if the system does not do what it is supposed to do

### **Emails not sent in a timely manner**

This system should generate and send emails as reminders to student’s to allow them enough time to get back up to standards. However, this could have a potential issue of not enough notice given to allow the student to get themselves back into accordance.

# Special Requirements

These are requirements that must be met to allow the system to generate and send emails to students in a timely manner.

## System Requirements

* Access to Windows Server 2012
* Access SQL 2016
* Due to FERPA restrictions we must store student information and grades on secure University of Louisville servers
* System must be set to send emails whenever a student’s certifications or licenses are close to expiring automatically.

# Pre-conditions

These are conditions that must be met to make sure the system is sending emails as it should

## Student expiration dates must be entered correctly

For this system to work, the student’s expiration dates must be entered correctly, and the system must know how many days in advance it needs to send the emails to keep the student’s in compliance.

# Post-conditions

These are the outcomes following a working system.

## Emails are automatically generated and sent to the students

If the system is built correctly, the system will send emails to the students to alert them to update whatever certification or license they need to, to keep them in regulations.

# Extension Points

If information is entered incorrectly then they will not receive emails with enough time to stay in regulation.

## Invalid Input

If the information is entered incorrectly, then the system will not be able to properly keep them informed on when they need to update their certifications.