Sonar

Track Graduation

Version <1.0>

Revision History

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Table of Contents

1. Track Graduation 4

1.1 Brief Description 4

2. Flow of Events 4

2.1 Basic Flow 4

2.2 Alternative Flows 4

2.2.1 Information not entered correctly 4

2.2.2 Information not entered 4

3. Special Requirements 4

3.1 System Requirements 4

4. Pre-conditions 4

4.1 Access to system 4

4.2 Access to the grade 4

5. Post-conditions 4

5.1 Advisors are able to track progress of student to graduation 5

6. Extension Points 5

6.1 Invalid Input of information 5

6.2 Information not entered 5

Track Graduation

# Track Graduation

## Brief Description

This allows the advisors to track the student’s progress through the program for graduation

# Flow of Events

## Basic Flow

The advisors are the main actor in this case. The advisors with this system will be able to track the student’s grades and certifications while being able to run queries that will help them to better keep track of the student’s progress. They will be able to more easily see how much the students have completed towards graduation. They will be able to track the completion of the requirements towards graduating.

## Alternative Flows

Alternative flows are actions that occur if information is not entered correctly or not entered at all.

### **Information not entered correctly**

If the advisors do not enter the student’s information, grades, or certifications correctly, then this will cause issues with tracking their graduation date correctly as they progress through the program.

### **Information not entered**

If the advisors forget to submit and enter information on a student, then they will not be able to accurately track the student’s progress. If information is not entered, then the student will appear to be behind and can cause issues with scheduling and advising.

# Special Requirements

These are requirements that must be met to allow the advisors to track the student’s progress towards graduation

## 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

# Pre-conditions

These are conditions that must be met to allow for the advisors to track the student.s progress towards graduation.

## Access to the system

* Advisors must be able to log in to the system
* They must be connected through the University of Louisville’s network

## Access to the student’s grades

The advisor must be able to access the student’s grades to carry them over to the database system to show completion percentage towards graduation**.**

# Post-conditions

These are the results if everything is tracked properly

## Advisor tracks student’s progress to graduation

If everything works correctly, and all information is entered correctly and in a timely manner, then the advisors will be able to track the student’s progress as the move through the program and prepare them for graduation.

# Extension Points

If information is entered incorrectly or not entered at all, then advisors cannot properly track student’s progress towards graduation.

## Invalid Input of information

If information is put in incorrectly, then the advisors will have trouble advising students and tracking their progress as they would be giving bad information or not know where a student truly stands.

## Information not entered

If the information on a student is forgotten and not entered, then the system will show them as behind making it harder for an advisor to track the student correctly.