**Product Specifications**

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# Modification History

# Major Milestones

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# Abstract

The student information Management System (SIMS) is a system that allows students to keep track of the progress and their standing within their courses throughout the year, and allows instructors to manage the distribution of assigned and completed assignments and a central area to store grades for easy access by students. These facets of the SIMS are all controlled by the system administrator, who creates the courses, teachers, and students within the system and modifies them as needed.

# Document References

|  |  |
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| **Document** | **Location** |
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# Glossary

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| --- | --- |
| **Term** | **Definition** |
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|  |  |
| --- | --- |
| **Acronym** | **Meaning** |
| SIMS | Student Information Management System |
|  |  |
|  |  |

# Class Diagram

# Use Cases & Sequence Diagrams

## Use case 1: Admin Creating User

### General Description

The admin creates a user within the database and allows them to view and update certain information in the SIMS.

### Sequence Diagram

## Use case 2: Administrator Creates Course

### General Description:

The admin creates a course, assigning it values for when it is to be taught, assigns an instructor to teach the class, and sets up the systems for the teacher to use during the course.

### Sequence Diagram

## Use case 3: Teacher Assigns project

### General Description:

The teacher chooses a name for a project, the amount of weight this project will have on the total grade, assigns a due date for the project that the students must complete the project by, and supplies the student with information on the project via a text file.

### Sequence Diagram.

## Use Case 4: Student Submits Project

### General Description

The student selects an assignment given by the teacher and uploads a file to the SIMS. The teacher then receives the document and grades it.

### Sequence Diagram

# User Interface

# Others