School Master

Use-Case Model

Version <1.0>

Revision History

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Use-Case Model

# Use-Cases Identification

In the application there are several types of actors: the **teacher** who is able to see their own timetable, see students situation, to assign grades to students and complete scolar situation, the students, the material they teach, their **student** may see the schedule and to see their school situation, **the parent** has the opportunity to see their children's schedule and see their school situation, **administrator** can do CRUD operations on students, teachers and classes, assigning students to class, teacher to class assignments and end situation school student at the end of the semester, the student's parent system automatically sends email when a student receives a grade or ending school situation.

**I. Use cases**: Assign grade to student

**Level:** user-goal level

**Primary actor:** teacher

**Main success scenario:**

1. User select Assign grade

2. The system will display a window with fields to be filled

3. Teacher add the student's name and grade, and click the OK button

4. The system saves the data, and displays a message to the success

**Extensions:**

a) If the student is not found, display error message and redisplays the window in step 2

b) If the note entered is less than 1 and more than 10 displays the error message, and return to step 2

**II. Use cases**: Insert new student

**Level:** user-goal level

**Primary Actor:** Administrator

**Main success scenario:**

1. The user selects New Student Introduction

2. The system will display a window with fields to be filled

3. Student data administrator completes and click the OK button

4. The system saves the data, and displays a message to the success

**Extensions:**

a) If the student already exists in the database, it displays error message and redisplays the window in step2

b) If the format CNP or birth date, or else the system does not meet expectations, it is resumed from step 2

**III. Use case:** Assign student to course

**Level:** user-goal level

**Primary Actor:** Administrator

**Main success scenario:**

1. Assign user selects courses

2. The system will display a window with fields to be filled

3. Administrator add name / CNP student, course name, and click the OK button

4. The system saves the data, and displays a message to the success

**Extensions:**

a) If the student is already assigned to that course, it displays error message and redisplays the window in step 2

b) If the student does not exist in the database, the error message is displayed, it is resumed from step 2

c) If the course is not taught school printer displays the error message, it resumes from step 2

# UML Use-Case Diagrams

