School Master

Use-Case Model

Version 1.0

Revision History

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| --- | --- | --- | --- |
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Use-Case Model

# Use-Cases Identification

Actors:

1. Teachers
2. Students
3. Parents
4. Administrator

Scenarios:

1. Teachers perform tasks related to their classes.
2. Students access their school-related information.
3. Parents access their children's school-related information.
4. The administrator performs tasks related to the management of the school system.

Use Cases:

1. View Timetable
2. View School Situation
3. Assign Grades
4. Finalize Student Situation
5. CRUD Operation on Students, Teachers, and Classes
6. Assign Students to Classes
7. Assign Teachers to Classes
8. Close Student Situation

Three Most Important Use Cases:

1. Use case: View School Situation

Level: User-goal level

Primary actor: Students

Main success scenario:

* The student logs in to the system.
* The student selects the "View School Situation" option.
* The system retrieves and displays the student's school situation information.
* Extensions: If there is an error retrieving the information, the system displays an error message.

1. Use case: Assign Grades

Level: Sub-function

Primary actor: Teachers

Main success scenario:

* The teacher logs in to the system.
* The teacher selects the "Assign Grades" option.
* The system displays a list of students and their relevant information.
* The teacher selects a student and enters a grade.
* The system saves the grade and updates the student's school situation.
* Extensions: If there is an error saving the grade, the system displays an error message.

1. Use case: CRUD Operation on Students, Teachers, and Classes

Level: Summary level

Primary actor: Administrator

Main success scenario:

* The administrator logs in to the system.
* The administrator selects the "CRUD Operation" option.
* The system displays a list of students, teachers, or classes.
* The administrator selects the desired option, such as adding or deleting a student, teacher, or class.
* The system saves the changes to the database.
* Extensions: If there is an error saving the changes, the system displays an error message.

# UML Use-Case Diagrams

