
Class Attendance Mobile App

Use Case Diagram

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Unique Reference:

The documents are stored in the GitHub repository:

<https://github.com/rbaustria/ClassAttendanceMobileApp>

Document Purpose:

The document provides the Use Case diagram and the Use Case description of the software, Class Attendance Mobile App.

Target Audience:

The target audience of the document are: the developers of the software, future developers who wish to extend it, and the professor.

Revision Control

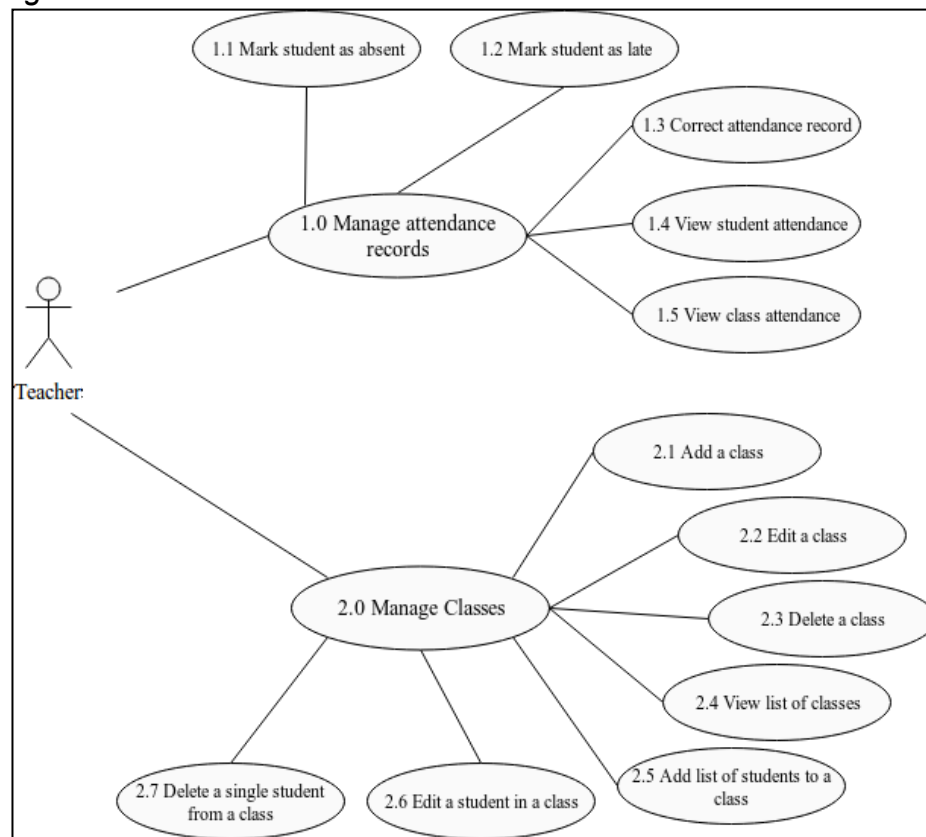
History Revision:

Revision Date	Person Responsible	Version Number	Modification
09/22/17	Arielle Gabriel	1.0	Initial Document

System Name: Class Attendance Mobile App

Description: Class Attendance Mobile App is a mobile application that allows the teacher to record the attendance of the students digitally using a smartphone. The user will be able to see the attendance record of the class, the student, and be notified if a student is about to reach the maximum allowable absences. This project is an extension of the previous CS191-192 project Attendance Checker (<https://github.com/CrowCakes/Attendance-Checker>)

Use-Case Diagram:



List of Actors:

Actors	Description
Teacher	The main and only user of the software is the teacher. The teacher can manage attendance records of the students and the list of classes.

List of Use-cases:

Use-Case	Description
Use-Case 1.0 Manage Attendance Records	This use-case enables the teacher to manage the attendance records of the classes. This is done by marking a student as absent or late. This means the default case is that the student is marked present. The teacher can also correct and view attendance records.
Use-Case 1.1 Mark student as absent	This use-case marks the student's attendance record as absent for a given day.
Use-Case 1.2 Mark student as late	This use-case marks the student's attendance record as late for a given day.
Use-Case 1.3 Correct attendance record	This use-case enables the teacher to correct existing attendance record. Given the student and date as input, the current attendance record can be changed to either late, present, or absent.
Use-Case 1.4 View Student Attendance	This use-case enables the teacher to view the attendance record of the students. The teacher will be informed when a student is about to exceed the allowed number of absences.
Use-Case 1.5 View class attendance	This use-case enables the teacher to view the attendance record of the classes. Shown will be the tabular attendance record of the class.
Use-Case 2.0 Manage Classes	This use-case enables the teacher to manage the classes. Managing classes include being able to add, edit, delete, and view classes. The teacher can add students to a class and delete students from a class. The teacher can also edit student information.
Use-Case 2.1 Add a class	This use-case adds a new empty class to the list of existing classes.
Use-Case 2.2 Edit a class	This use-case edits an existing class from the list of classes. Editing a class means changing the information about the class and not the students enrolled in the class.
Use-Case 2.3 Delete a class	This use-case deletes an existing class from the list of classes. Deleting the class will also delete all students inside the class and all attendance records associated with it.
Use-Case 2.4 View list of classes	This use-case shows the list of existing classes.

Use-Case 2.5 Add list of students to class	This use-case enables the teacher to add students to an existing class. The process involves the teacher uploading a spreadsheet file containing the list of students to the program. It will then be processed by the application and the students will be added to a given class.
Use-Case 2.6 Edit student information	This use-case enables the teacher to edit the information of a single student. It includes modifying the name and student number in case any typographical errors were made.
Use-Case 2.7 Delete student from a class	This use-case enables the teacher to delete a single enrolled student from a class. Deleting a student from a class also removes the attendance records of that student for the particular class.