

# **Class Attendance Mobile App**

## **Use Case Specification**

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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 specification 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:**

<b>Revision Date</b>	<b>Person Responsible</b>	<b>Version Number</b>	<b>Modification</b>
10/10/17	Arielle Gabriel	1.0	Initial Document

**Use-Case Name:** 2.5 Add list of students to class

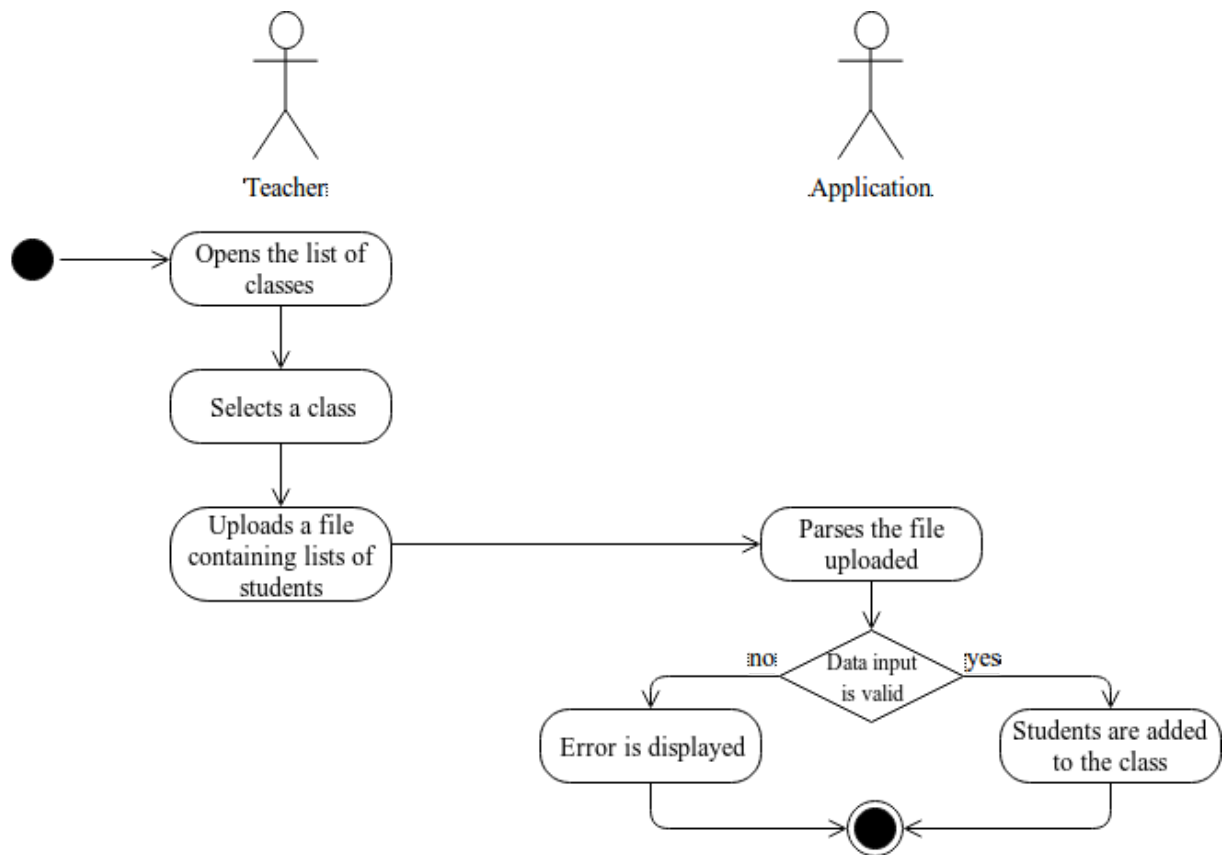
**Description:** This use-case enables the teacher to add students to an existing class. The process involves the teacher uploading a spreadsheet file containing the list of students to the program. It will then be parsed by the application and the students will be added to a given class.

**Preconditions:** At least one class must be existing

**Flow of Events:**

<b>Scenario Name</b>	<b>Description</b>
Scenario 1 (Basic Flow) Teacher adds a list of students to the class	<ol style="list-style-type: none"><li>1. Teacher selects a class from the list of existing classes.</li><li>2. He/she will click the upload class list button then attaches a spreadsheet file containing the information about the students.</li><li>3. The program will process the spreadsheet file then checks if the data is valid.</li><li>4. If there are no complications, the students are added to the selected class.</li></ol>
Scenario 2 Teacher fails to add a list of students to the class	<ol style="list-style-type: none"><li>1. Teacher selects a class from the list of existing classes.</li><li>2. He/she will click the upload class list button then attaches a spreadsheet file containing the information about the students.</li><li>3. The program will process the spreadsheet file then checks if the data is valid.</li><li>4. If there are complications, an error will be displayed and the nothing will be added to the class.</li></ol>

*Activity Diagram of the Flow of Events:*



*Postcondition:* Students listed in the spreadsheet are added to the class

*Relationships:* NONE

*Special Requirements:*

Spreadsheet file must be formatted in a specific way so it can be parsed correctly by the program.