

Class Attendance Mobile App

Use Case Specification

Submitted to:

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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:*

Revision Date	Person Responsible	Version Number	Modification
10/10/17	Rommel Roi B. Austria	1.0	Initial Document.

Use-Case Name: 1.1 Mark student as absent

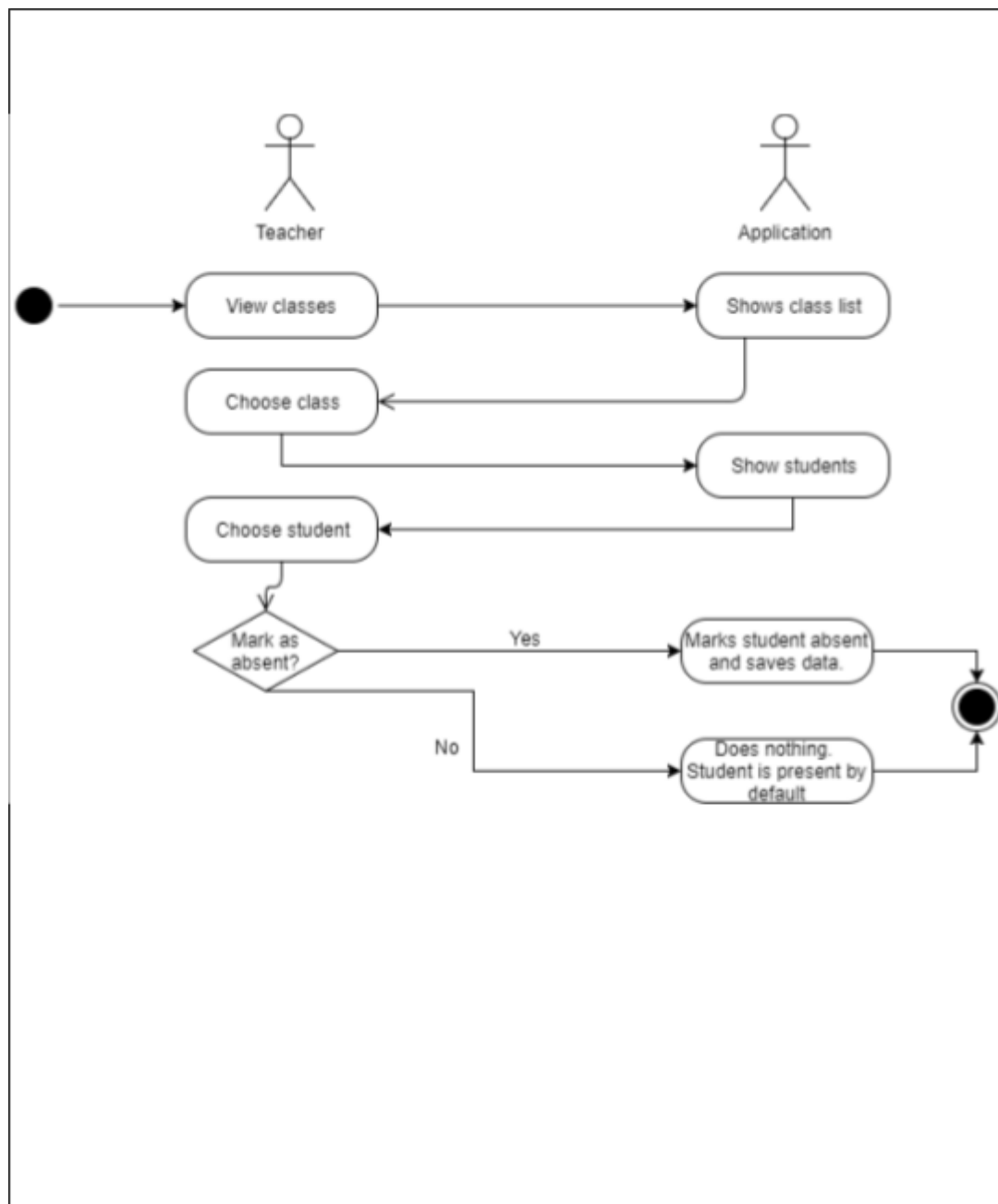
Description: This use-case marks the student's attendance record as absent for a given day.

Preconditions: There must be an existing class with students enrolled in it.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) The teacher marks the student as absent	1. Teacher chooses a class from the list of classes. (View list of classes) 2. Teacher chooses student from the class. 3. Teacher marks the student absent. 4. System saves the data and marks the student absent.
Scenario 2 The teacher cancels the action of marking the student as absent	1. Teacher chooses a class from the list of classes. (View list of classes) 2. Teacher chooses student from the class. 3. Teacher decides to cancel the action. 4. Teacher does not mark the student absent and therefore, the student is marked present as default. 5. System does nothing.

Activity Diagram of the Flow of Events:



Postcondition: The student is marked either absent or present.

Relationships: This use-case extends “1.0 Manage Attendance Records” and includes the use-case “1.5 View class attendance”. That is to say, whenever marking someone absent, the teacher needs to view the class attendance.

Special Requirements: NONE