

Attendance Checker

Use Case Specification

Submitted to:

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Unique Reference:

This document is stored in the project's requirements engineering folder in GitHub, found [here](#).

Document Purpose:

This document describes the specifications of the use-case "4.1 Send Warning to Student."

Target Audience:

This document was made for the instructor and for the team members developing the system.

Revision Control*History Revision:*

Revision Date	Person Responsible	Version Number	Modification
09/28/2016	Jeremy Micah Choa	1.0	Initial Document

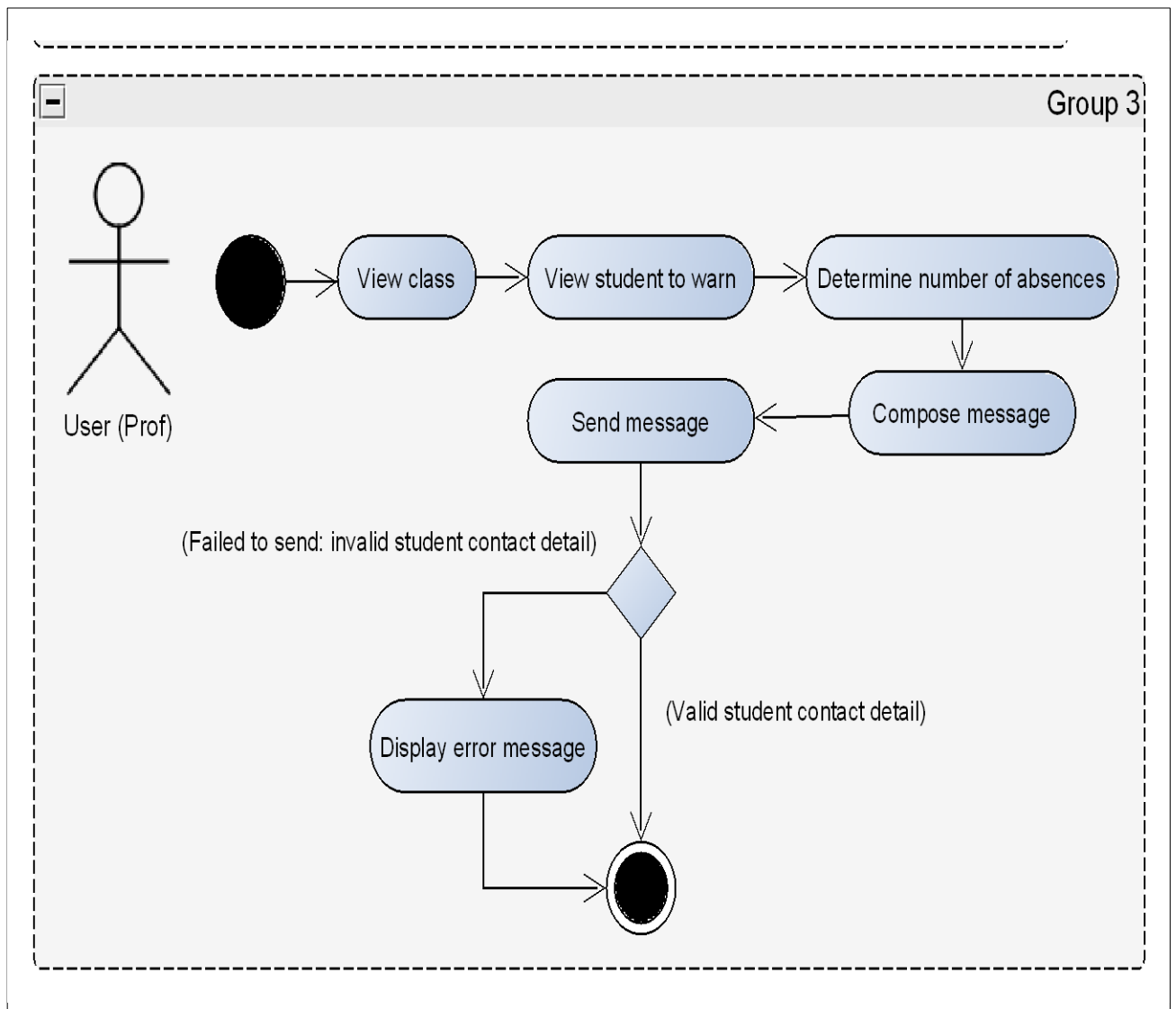
Use-Case Name: 4.1 Send Warning to Student

Description: When viewing a student in a class, the user (henceforth called Prof) can send a warning to the student regarding their attendance in the class the student belongs to. The system will send a message to the contact detail associated with the student.

Preconditions: A class **must exist**, and a student **must exist within the class** in order for the Prof to send a warning to a student.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) The user sends a warning to a selected student in a selected class.	<ol style="list-style-type: none">1. The Prof selects a class to view from his total list of classes.2. The Prof selects a student to view from the viewed class's total list of students, then selects the option to warn the student.3. The system prepares the relevant information pertaining to the student's attendance status in the class, namely, the student's number of absences.4. The system composes a message that includes the student's number of absences.5. The system sends the message to the student's contact detail.
Scenario 2 The student has an invalid contact detail.	<ol style="list-style-type: none">1. The Prof selects a class to view from his total list of classes.2. The Prof selects a student to view from the viewed class's total list of students, then selects the option to warn the student.3. The system prepares the relevant information pertaining to the student's attendance status in the class, namely, the student's number of absences.4. The system composes a message that includes the student's number of absences.5. The system sends the message to the student's contact detail, but fails because the contact detail is invalid.



Activity Diagram of the Flow of Events: (see above)

Postcondition: None.

Relationships: The use-case extends use-case “4.0 View Student.” That is to say, when viewing a student, the Prof can also choose to view a certain student.

Special Requirements:
None.