Class Attendance Mobile App
Project Description

Submitted to:

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for the course
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Unique Reference:

The documents are stored in the Github repository:

https://github.com/rbaustria/ClassAttendanceMobileApp

Document Purpose:

The document provides a description of what the software Class Attendance Mobile App does and its functionalities.

Target Audience:

The target audience of this documents are: the developers of the software, future developers who wish to extend it, and the professor.
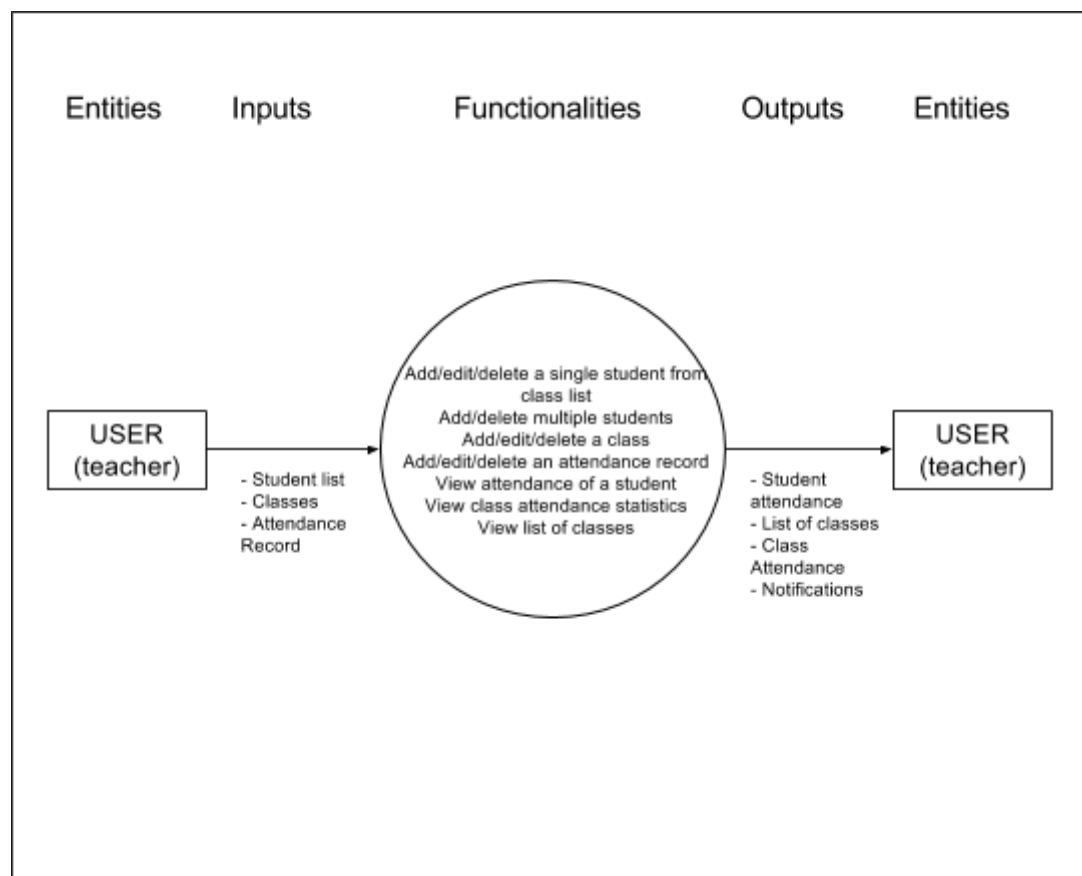
Revision Control:

Revision Date	Person Responsible	Version Number	Modification
09/05/17	Arielle Gabriel	1.0	Initial Document.
09/06/17	Ronnel Austria	1.1	Additional information on some functionalities

Project Title: Class Attendance Mobile App

Description: Class Attendance Mobile App in 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)

Context Diagram:

Entities:

● **Users** - these are the teachers who would be using the app for attendance tracking

Major Inputs:

● **Class Course and Section Information** - this is the name of the class course (ex. CS191), schedule (ex. WFV), and a brief description
● **Students list** - students enrolled in a class

- **Attendance record** - an entry whether a student is present, absent, or late.

Major Outputs:
- **List of classes** - classes added by the user
- **Class attendance** - brief attendance statistics of the class
- **Student's attendance** - attendance record for a specific student
- **Absences warnings** - notification to the user when students are about to exceed the maximum allowable absences

Major Functionalities:

- Add/edit/delete a single student from class list
- Add/delete multiple students (confirmation dialog when deleting students)
- Add/edit/delete a class (Adding a class can be done through exporting/uploading a file)
- Add/edit/delete an attendance record
- View attendance of a student
- View class attendance statistics
- View list of classes