
Compliance Report

For

Attendance Application

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Introduction

This is the Compliance Report document for Attendance Application- a software for taking attendance in online/offline classes. Here, we list down test cases that were mentioned in the test suite along with the obtained **PASS/FAIL** results that were obtained after testing the software.

Note that for a positive test case, the expected result should be PASSED, while for a negative test case, the expected result should be FAILED.

Compliance Report for Frontend GUI Interface

1. **Login Window:** Select "Student," "Teacher" or "Admin." Provide ID and Password
 - a. Correct ID and correct Password -> login successful: PASSED
 - b. Incorrect ID and correct Password -> login failed: PASSED
 - c. Correct ID and incorrect Password -> login failed: PASSED
 - d. Incorrect ID and incorrect Password -> login failed: PASSED
2. **Change Password:** Visible to every type of user after login among other options. Enter the old password, enter the new password, and re-enter the new password
 - a. Incorrect old password -> Error message: PASSED
 - b. Correct old password but different new passwords -> Error message: PASSED
 - c. Correct old password and empty new passwords -> Error message: PASSED
 - d. Correct old password and matching new passwords -> Password changed successfully: PASSED
3. **Student User function, View Statistics:** Visible after successfully logging in as a student.
 - a. Select course from the drop-down list -> The date vs attendance table is displayed: PASSED
 - b. Select "Reverse" button -> The table displayed is reversed: PASSED
4. **Student User function, Give Attendance:** Visible after successfully logging in as a student. Select a course from the drop-down list. Provide the magic code.
 - a. Teacher has stopped attendance -> Attendance not recorded: PASSED
 - b. Teacher has not started attendance -> Attendance not recorded: PASSED
 - c. Wrong magic code -> Attendance not recorded: PASSED
 - d. Correct magic code provided within the period -> Attendance recorded: PASSED
5. **Teacher User function, Take Attendance:** Visible after successfully logging in as a teacher. Select a course from the drop-down list.
 - a. Hit the "Start Attendance" button -> Magic code is generated, a "Stop Attendance" button appears, and attendance is started: PASSED
 - b. Hit the "Stop Attendance" button -> Attendance is stopped: PASSED
6. **Teacher User function, View Statistics:** Visible after successfully logging in as a teacher.
 - a. Select a course from the drop-down list -> The date vs student-id vs attendance table is displayed: PASSED
 - b. Select "Reverse" button -> The table displayed is reversed: PASSED

7. **Teacher User function, Get Proxy:** Visible after successfully logging in as a teacher.
 - a. Select course from the drop-down list -> The date vs IP address table is displayed, sorted by date: PASSED
8. **Admin User function, Add Course:** Visible after successfully logging in as an admin.
 - a. Enter the details of the course and the course already exists -> Error message: PASSED
 - b. Enter the details of the course, with the required fields non-empty and the course does not exist -> New course created: PASSED
9. **Admin User function, View Course:** Visible after successfully logging in as an admin.
 - a. Enter the course id and that course is present -> Course details displayed: PASSED
 - b. Enter the course id and that course is not present -> Error message: PASSED
 - c. The "Delete" and "Edit" buttons are visible only if the correct course id is entered: PASSED
 - d. Hit the "Delete" button -> The course is deleted: PASSED
 - e. Hit the "Edit" button -> The course fields become text boxes for editing: PASSED
 - f. Enter correct details for editing course (correct details means neither of the fields of a course should remain empty, the course id should not match with any existing course, and the teacher ids must be present in the teachers table in the database) and the edits do not change the course id to any existing id -> The course gets edited: PASSED
 - g. Enter details for editing course and the edits change the course id to any existing id -> Error message: PASSED
 - h. Enter details for editing course and one or more fields remain empty -> Error message: PASSED