

User's Manual

1 GENERAL INFORMATION

The Smart Student Attendance System (SSAS) is an app that enables professors, teachers, and faculty to record attendance data for each of their classes. The attendance data is stored on the user's device and can be shared via email to any device.

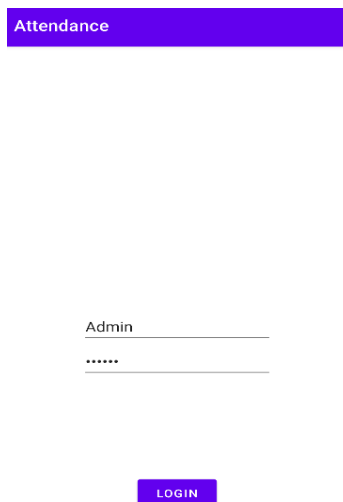
2 SYSTEM SUMMARY

The SSAS app is an android app written in Java. The app requires the user's device to run Android 11.0 (Red Velvet Cake) or higher.

3 GETTING STARTED

3.1 LOGIN

First step is to login by using the username "Admin" and password "123456" as shown in Figure 1, then pressing the login button.



Attendance

Admin

.....

LOGIN

Figure 1. Login

4 USING THE APP

4.1 ADDING A COURSE

User can add a class by selecting the “Add Course” button and filling in the class name and ID. See figure 2 for details. The course can also be deleted by clicking the delete button next to the course name.

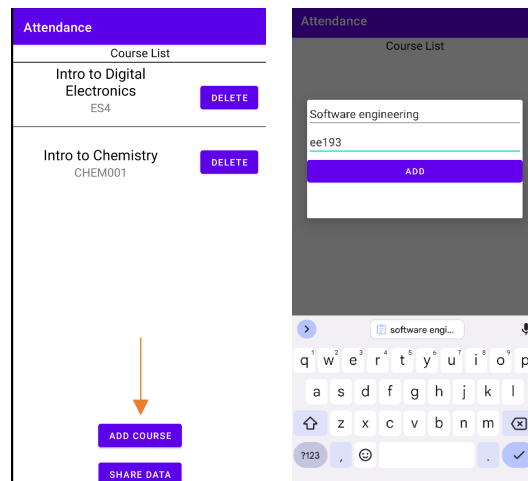


Figure 2. Creating new course

4.2 NAVIGATE TO COURSE HOMEPAGE

User can navigate to a course homepage by clicking on the course name. See figure 3 for details.

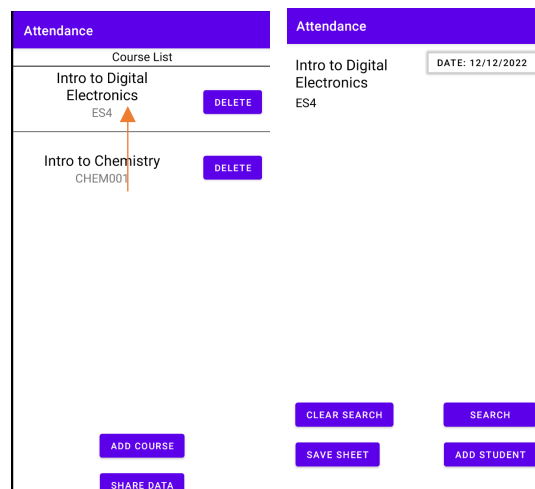


Figure 3. Navigating to a course homepage

4.3 ADD STUDENT TO COURSE

User can add a student to a course by selecting “Add student” in the bottom right, entering the student’s name and ID, and selecting “Add”. See figure 4 for details.

The figure consists of two side-by-side screenshots of a mobile application interface titled "Attendance". Both screenshots show the course "Intro to Digital Electronics" and the section "ES4" for the date "12/12/2022".

The left screenshot shows the "Add student" form. It has input fields for "Name" (containing "Jim") and "ID" (containing "123"), followed by a purple "ADD" button. Below the form are buttons for "CLEAR SEARCH", "SEARCH", "SAVE SHEET", and "ADD STUDENT". A keyboard is visible at the bottom.

The right screenshot shows the student list. It lists three students: Bob (ID 1), Alice (ID 13), and Jim (ID 123). Each student has a green "PRESENT" button next to their name. At the bottom are buttons for "CLEAR SEARCH", "SEARCH", "SAVE SHEET", and "ADD STUDENT".

Figure 4. Adding student to a course

4.4 MARK STUDENTS PRESENT/ABSENT

User can mark students as present or absent by the box next to each student and selecting “Save sheet” (Note: attendance is automatically saved when the user exits the course page). See figure 5 for details.

The figure consists of two side-by-side screenshots of the "Attendance" app, showing the same student list as Figure 4.

The left screenshot shows all three students (Bob, Alice, and Jim) with green "PRESENT" buttons. An orange arrow points to the "PRESENT" button for Alice.

The right screenshot shows Bob and Alice with red "ABSENT" buttons, and Jim with a green "PRESENT" button. An orange arrow points to the "SAVE SHEET" button at the bottom.

Figure 5 Adding student to a course

4.5 SEARCH FOR STUDENT

User can search for a student and mark their attendance by selecting “Search”, typing the student’s name or student ID, and selecting “Search”. See figure 6 for details. To go back to the full list of students, the user can click “Clear Search” at the bottom of the screen. The student status can be updated through the search screen, but the user must click the “Save Sheet” button at the bottom to save the changes.

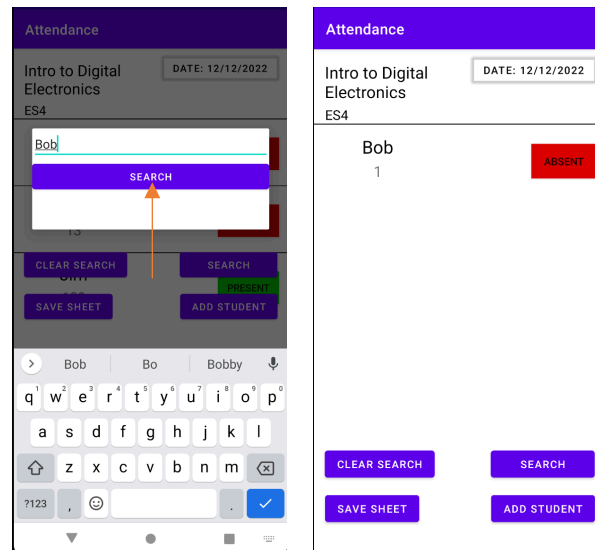


Figure 6. Searching for a student

4.6 CHANGE DATE

User can change the date of the attendance sheet by selecting “Date” in the top right, choosing the date on the calendar, and selecting “Ok”. See figure 7 for details.

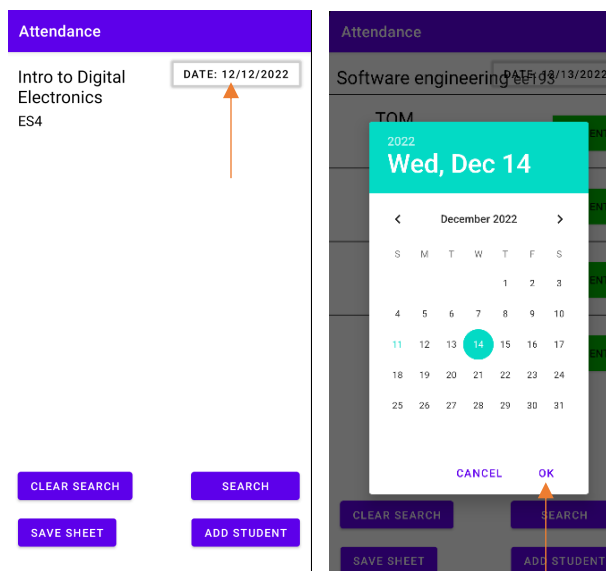


Figure 7. Changing the date

4.7 MODIFY/DELETE STUDENT

User can modify or delete a student by clicking and holding on the student and then selecting “Modify” or “Delete”. See figure 8 for details.



Figure 8. Modifying/deleting a student

4.8 SHOW STUDENT STATISTICS

User can show student statistics by clicking and holding on the student and then selecting “Show stats”. Then, select a month to show stats. See figure 9 for details.

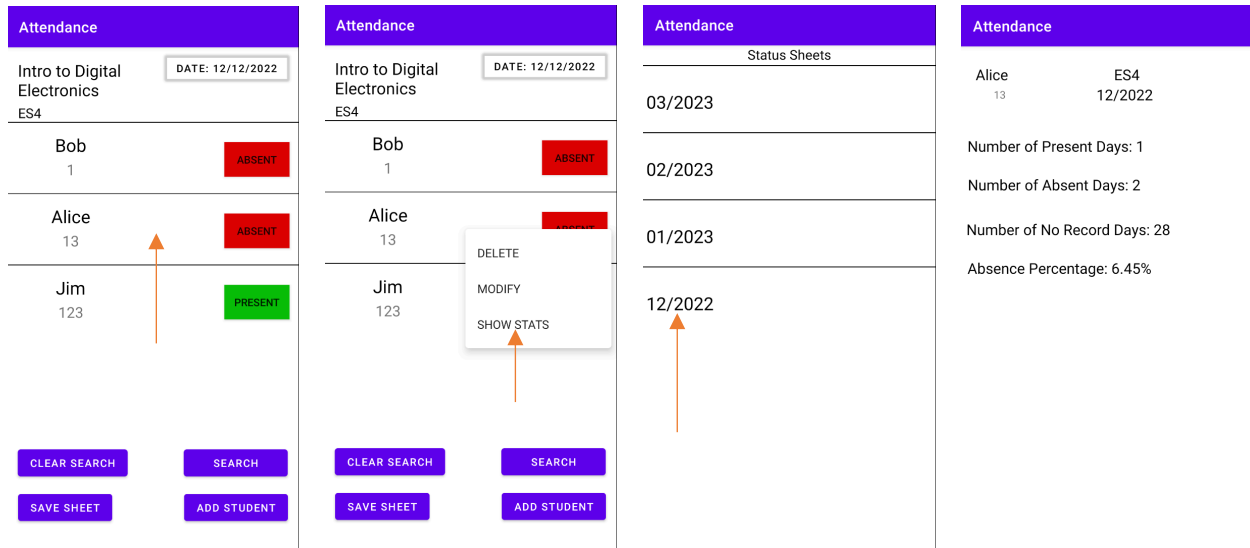


Figure 9. Showing student statistics

4.9 SHARE ATTENDANCE DATA

User can share attendance data for all courses by selecting “Share data” on the homepage. The user can choose from the presented options how they want to share the data. See figure 10 for details.

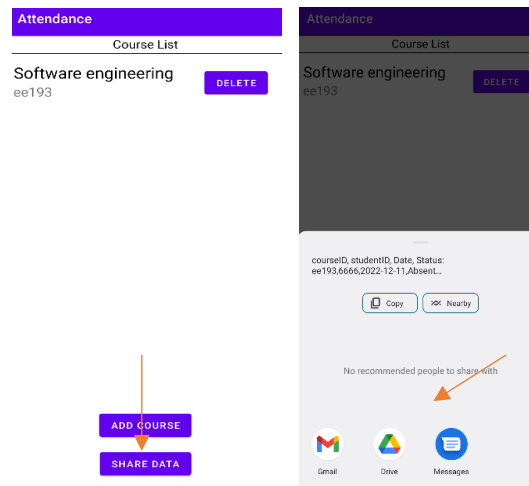


Figure 10. Sharing attendance data

5.0 REPORTING

To report any issue, bug, crash or enhancement and new required features please contact help@chaser.com.

