

Functional Requirement 2

Attendance Recording

This function allows the lecturer to initialize, manage and record specific student attendance sessions. The lecturer can select the course, date, and class session, then mark students as present, absent, or late. All attendance data will be saved in the system database for future reference.

Pseudocode

1. START
2. READ lecturerID, password
3. IF lecturerID AND password is true THEN
 - 3.1 READ courseID, classDate, classSession
 - 3.2 GET studentList for courseID
 - 3.4 FOR each student in studentList
 - 3.4.1 READ attendanceStatus
 - 3.4.2 RECORD attendanceStatus
 - 3.5 END FOR
 - 3.6 DISPLAY "Attendance recorded successfully"
4. ELSE
 - 4.1 DISPLAY "Invalid login"
5. END IF
6. END

Flowchart

