1. (student 1)
2. Student
3. University
4. Manual sign-in sheets
5. Neutral
6. Inaccurate (fraud)

vi. - Integration with course schedules (filtering by date/course)

- Instant access to attendance records for students/instructors

- Geofencing to restrict check-in to classroom boundaries

- Facial recognition for identity verification

1. ≤3 seconds
2. Very Comfortable
3. Very Important
4. Yes
5. Not Concerned

* Encrypted biometric data storage
* Two-factor authentication for instructors

1. Yes
2. (student 2)
3. Student
4. University
5. Manual sign-in sheets
6. Dissatisfied
7. - Time-consuming process

- Real-time error

- Lack of real-time updates

1. - Integration with course schedules (filtering by date/course)

- Geofencing to restrict check-in to classroom boundaries

- Instant access to attendance records for students/instructors

1. ≤10 seconds
2. Very Comfortable
3. Important
4. Yes
5. Very Concerned
6. - Encrypted biometric data storage

- Anonymous location tracking

Regular data deletion policies

1. Yes
2. Usability
3. No
4. Privacy
5. (Student 3)

1. Student
2. University
3. Manual sign-in sheets
4. Neutral
5. - Human errors in recording

* No access

1. - Integration with course schedules (filtering by date/course)

- Geofencing to restrict check-in to classroom boundaries

- Instant access to attendance records for students/instructors

1. ≤3 seconds
2. Very Comfortable
3. Neutral
4. No
5. Neutral
6. Encrypted biometric data storage
7. Yes
8. Make it well
9. No
10. privacy
11. (student 4)
12. Student
13. University
14. Manual sign-in sheets
15. Dissatisfied
16. - Time-consuming process

- Delayed access to attendance records

1. - Real-time attendance tracking

- Integration with course schedules (filtering by date/course)

- Instant access to attendance records for students/instructors

1. ≤5 seconds
2. Very Uncomfortable
3. Very Important
4. No
5. Concerned
6. Regular data deletion policies
7. Yes
8. Facial recognition is not the best as geofencing is enough authentication
9. Yes
10. Trust
11. l(student 5)
12. Student
13. University
14. Manual sign-in sheets
15. Dissatisfied
16. - Delayed access to attendance records

- Risk of proxy attendance (e.g., impersonation)

1. - Instant access to attendance records for students/instructors

- Geofencing to restrict check-in to classroom boundaries

- Facial recognition for identity verification

- Integration with course schedules (filtering by date/course)

1. ≤5 seconds
2. Neutral
3. Important
4. No
5. Neutral

- Encrypted biometric data storage

- Anonymous location tracking

- Two-factor authentication for instructors

- Regular data deletion policies

1. Yes
2. \_\_\_\_\_\_
3. No
4. privacy
5. (student 6)
6. Student
7. University
8. Manual sign-in sheets
9. Neutral
10. Delayed access to attendance records
11. - Geofencing to restrict check-in to classroom boundaries

- Facial recognition for identity verification

- Instant access to attendance records for students/instructors

- Integration with course schedules (filtering by date/course)

1. ≤5 seconds
2. Uncomfortable
3. Slightly Important
4. No
5. Very Concerned

- Encrypted biometric data storage

- Anonymous location tracking

- Two-factor authentication for instructors

- Regular data deletion policies

1. Yes
2. \_\_\_\_\_
3. No
4. privacy
5. (student 7)
6. Student
7. University
8. Manual sign-in sheets
9. Dissatisfied

- Time-consuming process

- Risk of proxy attendance (e.g., impersonation)

- Delayed access to attendance records

- Lack of real-time updates

- Human errors in recording

1. - Integration with course schedules (filtering by date/course)

- Geofencing to restrict check-in to classroom boundaries

1. ≤3 seconds
2. Comfortable
3. Very Important
4. Yes
5. Concerned
6. - Encrypted biometric data storage

- Two-factor authentication for instructors

1. Yes
2. \_\_\_\_\_
3. No
4. Privacy
5. (student 8)
6. Student
7. University
8. Manual sign-in sheets
9. Satisfied
10. Human errors in recording
11. - Real-time attendance tracking

- Integration with course schedules (filtering by date/course)

1. ≤5 seconds
2. Very Uncomfortable
3. Slightly Important
4. Yes
5. Slightly Concerned
6. - Regular data deletion policies

- Encrypted biometric data storage

1. Maybe
2. The system is a good idea but if the data is kept private then I will recommend the system to be applicable, but if student data isn’t kept private, then I will not recommend the system to be applicable.
3. Not comfortable
4. Parents should not worry about me attending classes but instead worry about me passing my exams.
5. (student 9)
6. Student
7. University
8. Manual sign-in sheets
9. Satisfied
10. - Time-consuming process

- Risk of proxy attendance (e.g., impersonation)

1. Real-time attendance tracking

- Geofencing to restrict check-in to classroom boundaries

- Instant access to attendance records for students/instructors

- Facial recognition for identity verification

- Integration with course schedules (filtering by date/course)

1. ≤3 seconds
2. Comfortable

1. Very concerned
2. Yes
3. Very concerned
4. - Encrypted biometric data storage

- Regular data deletion policies

1. Yes
2. \_\_\_\_\_\_
3. Not comfortable
4. My privacy