

Student Consent for Learning Analytics at UNSTPB (FIIR): Perceived Benefits, Risks, Control, and Trust

This questionnaire is part of a research study on students' willingness to grant UNSTPB permission to use educational data for Learning Analytics (e.g., learning dashboards and early-support systems), under GDPR principles (transparency, consent, control, and security). The objective is to understand the perceptions and expectations of FIIR students regarding the responsible use of educational data in higher education.

Participation is **voluntary** and **anonymous**. We do **not** collect names, email addresses, student IDs, or any other directly identifying information. Responses will be used **only for academic research purposes** and analyzed **in aggregated form**. The questionnaire takes approximately **8–10 minutes** to complete.

By proceeding, you confirm that you have read the information above and that you **agree to participate voluntarily** in this anonymous study.

1. What is your current study cycle? *

☐ Bachelor's

☐ Master's

☐ PhD

2. Which statement best describes your current academic standing? *

☐ Mostly above average performance

☐ Around average performance

☐ Mostly below average performance

7. In your experience, how clear are UNSTPB/FIIR rules or guidance about the use of student data in digital learning systems? *

1 2 3 4 5

Not clear at all ○ ○ ○ ○ ○ Very clear

8. Have you ever experienced or heard about a data/privacy incident involving a university platform (e.g., account compromise, data leak, unauthorized access)? *

☐ Yes

☐ No

☐ Not sure

9. UNSTPB may use educational data (e.g., learning platform activity, assignment submissions, quiz/test results, course attendance, and grades) to develop Learning Analytics tools such as personal dashboards and early-support systems. These tools aim to help students monitor progress, identify learning difficulties early, and offer timely support (e.g., tutoring or counseling). Under GDPR principles, the system would provide transparency about what data are used and why, allow students to give or withdraw consent, and implement safeguards for security and access control. How clear is this scenario to you?

1 2 3 4 5

Not clear at all ○ ○ ○ ○ ○ Very clear

10. A personal learning dashboard would help me better understand my learning progress. *

1 2 3 4 5

Strongly disagree Strongly agree

11. Early-support interventions (e.g., tutoring/counseling) could improve my chances of successfully completing courses. *

1 2 3 4 5

Strongly disagree Strongly agree

12. Learning Analytics could provide more personalized feedback and guidance for learning. *

1 2 3 4 5

Strongly disagree Strongly agree

13. Such tools could reduce academic stress by identifying difficulties early. *

1 2 3 4 5

Strongly disagree Strongly agree

14. I am concerned about excessive monitoring/surveillance of students. *

1 2 3 4 5

Strongly disagree Strongly agree

15. I am concerned that the system could misinterpret data and label a student unfairly as “at risk.” *

1 2 3 4 5

Strongly disagree Strongly agree

16. I am concerned about unauthorized access or data breaches. *

1 2 3 4 5

Strongly disagree Strongly agree

17. I am concerned about bias or unfair treatment based on data-driven inferences. *

1 2 3 4 5

Strongly disagree Strongly agree

18. I am concerned about stigma if risk alerts or labels exist. *

1 2 3 4 5

Strongly disagree Strongly agree

19. I would grant permission only if I can choose exactly which types of data are used (granular opt-in).

1 2 3 4 5

Strongly disagree Strongly agree

20. I would grant permission only if I can withdraw my consent easily at any time. *

1 2 3 4 5

Strongly disagree Strongly agree

21. I want clear information about the purpose, retention period, and data processing before giving consent. *

1 2 3 4 5

Strongly disagree Strongly agree

22. I want to know who can access my data and for what reasons (role-based access). *

1 2 3 4 5

Strongly disagree Strongly agree

23. I would feel more comfortable if I could view an access log (audit trail) showing when my data were accessed. *

1 2 3 4 5

Strongly disagree Strongly agree

24. I would grant permission only if the system uses the minimum necessary data for its stated purpose (data minimization). *

1 2 3 4 5

Strongly disagree ☐ ☐ ☐ ☐ ☐ Strongly agree

25. I trust UNSTPB to handle student data responsibly. *

1 2 3 4 5

Strongly disagree Strongly agree

26. I believe UNSTPB would use my data only for the stated purposes. *

27. I believe UNSTPB can implement strong security measures to protect student data. *

28. If problems occur (e.g., a data incident), I believe UNSTPB would respond transparently and responsibly.

29. I believe there are effective internal controls (policies, oversight, accountability) regarding educational data use. *

1 2 3 4 5

Strongly disagree Strongly agree

34. I would grant permission if my data could also be used to improve courses and student services, based on aggregated analyses. *

1 2 3 4 5

Strongly disagree Strongly agree

☐ ☐ ☐
☐ ☐ ☐

35. I would grant permission if only aggregated results are used in faculty-level reports (without identifying me).

1 2 3 4 5

Strongly disagree Strongly agree

36. I would grant permission for any non-academic use only if a human review is required before any action that could affect me. *

1 2 3 4 5

Strongly disagree Strongly agree

37. Which safeguards would most increase your willingness to grant permission? *

- ☐ Plain-language explanation of what data are used and why
- ☐ Granular opt-in (choose data types individually)
- ☐ Easy withdrawal of consent at any time
- ☐ Access log / audit trail
- ☐ Strict role-based access (only authorized personnel)
- ☐ Strong security measures (e.g., encryption, secure storage)
- ☐ Use aggregated/anonymized data whenever possible
- ☐ Human review before any action affecting a student
- ☐ Independent oversight (ethics committee / data governance board)

38. Which data types would you be willing to allow UNSTPB to use for Learning Analytics? *
(Select all that apply)

- ☐ Learning platform activity (e.g., logins, resource views)
- ☐ Assignment submission metadata (e.g., timestamps)
- ☐ Assignment content (e.g., written text/code)
- ☐ Quiz/test scores
- ☐ Attendance data
- ☐ Final grades
- ☐ Forum participation (e.g., number of posts/replies)
- ☐ None of the above

39. If you could grant permission for only ONE purpose, which would you choose? *

- ☐ Personal dashboard only
- ☐ Early-support interventions only
- ☐ Both (dashboard and early-support)
- ☐ Neither

40. What would UNSTPB/FIIR need to do to make you feel comfortable granting permission for Learning Analytics? *