Supplementary Material: Interview Questions

Context and Purpose

This document presents the semi-structured interview protocol used to elicit students' experiences, challenges, and expectations regarding productive group discussion and GenAI support.

Interview Questions

Part 1: Group Work Experience

1. Can you describe an experience when you worked in a group on a computer science subject that involved group discussions?
2. What do you think were the most memorable moments from that group discussion experience?

Part 2: General Understanding of Group Discussion

3. What do you think are the essential tasks for a general group discussion during your computer science study (e.g., task allocation, timeline management, etc.)?
4. How do you think a student should contribute during a group discussion (e.g., active participation, frequent reflection, etc.)?
5. What concerns do you have that may negatively impact how students participate in group discussions?

Part 3: Challenges and Participation

6. Have you encountered any challenges when working in a group discussion?
7. When discussions don't go as expected, such as when facing the above challenges, how do group members typically respond?
8. Do you think the response was effective during the group discussion and contributed to making this discussion more productive?

Part 4: Guidance and Support

9. What kind of support, if any, have you experienced during group discussions?
10. What do you think may help a group stay focused or organised during the discussion?

Part 5: Expectations and Suggestions for GenAI

11. Have you used GenAI tools, such as ChatGPT, in your studies? And how did you use it?
12. What kind of functions or features of GenAI do you expect to use for group tasks?
13. How would you feel if a GenAI joined a group discussion as a group member?
14. What functions or features would you expect a GenAI to do if it were present in a group discussion?
15. What would GenAI need to do to make you more willing to participate in group discussions?
16. Do you have any suggestions for designing a GenAI to support group discussions?