Report 2: Requirement Engineering – Interviewing Your Future Users

Interview Schedule

Step 1: Explain the Hypothetical Software Tool

Before asking your questions, provide a short and clear explanation to the interviewees about what you are planning to develop. Use your own version of the following template and adapt it to your topic.

"*Hi! I'm developing an educational AI tool that helps K-12 students learn [your topic here] using generative AI. It will allow students to interact with the system by asking questions, getting explanations, examples, or even creative tasks like generating problems or summaries. The tool will be personalized and fun to use, and I want to make sure it really supports students like you. I would love to ask you a few questions to understand what kind of features you would want in such a tool.*

Would you like to join this interview?

Is it ok, if I record this interview?"

Make sure the answer 'yes' is recorded for both questions.

Step 2: Ask Your Interview Questions

Use these questions as a guide and feel free to adjust them, if needed.

Part A: About You and How You Learn

1. How old are you, and what grade are you in?
2. Do you like school? What do you like or not like about it?
3. What's your favorite subject? What subject do you find hard?
4. If you don't understand something in class or homework, what do you usually do?
5. Have you ever used learning websites or apps? Which ones did you like?

Part B: What You Know About AI

6. Have you ever heard the word "AI" or "artificial intelligence"? What do you think it means?
7. Have you used anything like ChatGPT, Siri, Alexa, or an app that talks back to you? What did it do?
8. Do you know of any apps or games that help kids learn using AI? Can you name one?
9. What do you think is **cool** about using smart tools like AI for learning?
10. Do you think there could be **any problems** when using AI in school? Like what?

Part C: What's Hard and What Can Help

11. What's something that's hard for you when you try to learn something new?

12. If you had a smart helper (like a robot friend) for schoolwork, how would you want it to help you?

13. Do you like learning by yourself, with friends, or with a teacher? Could this smart helper be part of that?

Part D: What Would Make It Fun

14. What would make a smart learning tool fun and helpful for you?

15. When you learn, what kind of help do you like: short answers, hints, or steps that explain things slowly?

16. What do you want the helper to do? Give hints? Solve problems? Quiz you? Draw pictures? Something else?

17. How often would you want to use something like this—every day, once a week, or only sometimes?

Part E: How It Should Work and Feel

18. Should the smart helper know how good you are at a subject to help better? Why?

19. Would you rather **talk** to it, **type**, or both?

20. What should it look or sound like to make you want to use it—funny, kind, like a cartoon, or something else?

21. What would make you stop using the helper? (Maybe it's boring, hard to use, or not helpful?)

Thanks for joining this interview