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Okay, so I mean this interview is supposed to span across maybe 25 minutes to 40 minutes, but it depends on how fast and how we approach other questions. And if you go through the questionnaire, you will see that it's in sections, and each section has a particular, how do we call it, a particular mission or something that it needs to accomplish. A minute, let me clean up my, then we can start. And just a brief introduction to my topic, and my topic is, or this thesis is investigation and prototyping of AI-driven chatbots for personalized academic reading recommendation using agent-based architecture. Yeah, so what this research seeks to do is to find the flaws in the current AI models or chatbots, and then based on agentic-driven infrastructure or architecture, we try to solve that flaws that we find in the commercial LLMs or chatbots that's already existing. Yeah. So yeah, we can move into the, or start with the interview. And before we go on, if you have any question, you can ask before we start. Do you have any question? Just to know, investigating this AI-driven chatbot, it's not about implementation or something, right? It's kind of study, right? Because the reason why I ask you is to collect some information or some investigation, or it's based on this interview, or another study that you got to implement based on that or something like that. I just want to make sure. Okay, so it's in twofold. We have the prototyping and also the investigation. So the investigation involves this interview, and then we will do some form of prototyping, but we wouldn't do a full-fledged development because it's time-consuming and also it needs a lot of investment here. But then we will do some form of low fidelity just to show how the architecture works and how it's supposed to work in contrast to how the current or existing LLMs and chatbots works. So it's in twofold. I mean, nevertheless, going forward, if there is some time constraints, then maybe we will still have to stick with or spend much time on the investigation and the research part rather than the prototyping part. Okay, so I guess we can move on now. Yes, yes, we can. Okay, so the first question is from the first section, that's section A, which is your background information. And can you tell me about your academic background and program of study? And also, if you could touch on where you are, your country or something like that, it's also fine. My background of study, if I start from bachelor's, I studied computer science, I have a bachelor's degree in computer science. Back in my country, I have also another master's degree in project management. But then I was looking for a scholarship and I found this Czech government scholarship. And I came here to study the master's degree with software systems and service management. This is smart service design and smart thinking, special attention, I think I'll call it special attention. So my background of study is like majority IT and like project management. And so like, second question is how frequently do you engage with academic readings, such as journals or textbook? It's more of like, how do you, how often do you look for academic resources, reading materials and other stuff? To be honest, like academic reading is sort of like some journals or some articles or papers. I cannot say like that much frequently. But from time to time, when I need some, you know, first source, like primary source. So I try to check this kind of documents, but I cannot say like it's frequently because most of the time for study, I prefer course materials in some tutorials. So but yeah, from time to time, I check this kind of documents. And the next question is, what platforms or website or online repository that you usually use to find these materials like the journals or the textbooks or all these reading materials? Do you have some specific platform that you're using getting these? Usually, yeah, Google Scholars, I mean, sources, a research guide. But half of the time, like just directly Google the paper that you want. And then based on the link or the sources that I got, like, we'll follow to that path. But usually when I need like, for example, if I need more than two or three articles, I will prefer to use Google Scholars or ResearchGate usually. But this is like for this academic articles and journals. But if you ask me for my general study, YouTube. That's classics today. So next question is, how confident are you in finding appropriate reading materials for your courses? Are you normally confident in finding these resources? It's hard to be honest. It's not like you need something and just to just directly find it, find it easily. It's hard, but I can say I'm confident to find even if it's like it takes a lot of time and a lot of it is bad. You know, it's usually actually difficult to find such kind of resources or papers like that will meet your course requirement or whatever you need. So it's not easy, but yeah, I can say I'm reading materials. And last question for this section is, have you ever received personalized reading recommendation from your lecturers or institution or faculty? To be honest, usually, you know, maybe one or two or like few teachers, sometimes they put some articles or book is at the end of their slide or something, but it's not even that much common. I cannot say I ever get personalized reading recommendations. Of course, it's like. Okay, thank you. And we move to the next section, which is reading challenges and habits. So first question on this section is, what challenges do you face when identifying or assessing useful reading materials or readings? Challenge, like getting what you want in same or specific place, you know, if so. Okay, maybe I can break down the question a bit here. So it's more of like you go on the Internet, you have a silos of reading materials, a lot of it. But what are some of the challenges you face when you when you actually want to get what you actually like something you really need useful resources? Like, what are some of the challenges you go through? First challenge, where to look, that's the first challenge. Where to look, where can I get those useful resources or materials? That's the first challenge. So I have to check, like, a lot of different, a lot of places, you know, a lot of sources. So that's the first challenge, where to look. Even if I, after that, even if I find some location, let's say some location, still, it's difficult to find all the documents, all the resources, all the materials in those places. So, you know,

usually when I need something, especially when I need some first source material, I have to look like multiple places, multiple documents. So, usually, you know, for example, let's say if I wanted to prepare like two paper, two page paper or one page paper, I have to look like a lot of places, a lot of materials, a lot of texts, you know. So this is like the biggest challenge for me. And usually, you know, after finding it, like, it's not easy to trust such materials. So you have to look also like, you have to cross check also from different sources. So I can say this two challenges. Okay. And the next question is, how do you decide which reading material or readings are more relevant to your assignment or your task? To decide on such thing, usually, you know, whether losing this main sources, like primary source. Right now, whatever I find from AI, I always think like this is fifth or sixth or like seventh process result. I'll explain it. For example, if there is some primary source, if AI gives you like there is another source, like it's processed by, previously processed by another AI, processed by other people. It's kind of, I'll say, process the result. So my concern is I starting, I'm start worrying that I cannot get like primary sources for some kind of topic. Okay, so it's more, you know what I'm saying? I'm trying to say. Yeah, so it's more of like cascaded processing of this AI. And at every level, there is some form of information diminishing. So it's more of every level, you lose some purity on this particular information and your next level kind of will start losing, losing, losing. So for you to be sure of what you've gotten, you have to go back to the main source and make sure that, yeah, that's the explicit information. That's the AI provided. So you always have to do this cross checking. Yeah. Have you seen this kind of games, like, you know, people like lined in straight line and somebody say some word, the next person will repeat and the other person behind him will repeat this word. So when you find those words, like after the last person, meaning word, everything is changing, you know, it's kind of like that. It's not the actual, the first word in AI. That's my main concern. I mean, you are right, because now that's one of the main problems. Because now that's one of the main problems of these AI tools, the words hallucination. There are some times that they even do some citing or do some recommendation based on reading material. You go back to check this reading material and it doesn't even exist. I mean, I can give you an example. For example, you know, ChatGPT-4, it was better than ChatGPT-5 because I noticed it from time to time, you know, relative to code, for example. It was better, but right now ChatGPT-5, it's slow. It doesn't give you like good, good results. It's because, you know, those, how to say, those code sources, you know, like people like solve something and they post it somewhere. AI was like using those, for example, Stack Overflow. AI was like trained or used those in Stack Overflow, but now people are not contributing to those kind of tools. So now AI is also like losing its power and its knowledge. Okay. So the last question on this section is based on your previous answers, which is the trust issue. And so the question is, would you trust a chatbot to recommend with this? Yeah, which now you say you have a trust issue with it. And it's okay. Yeah, you don't trust it now, but what will happen for you to trust it or what are some of the things you require to do before you start trusting it? I don't trust it, but I only use it anyhow because I don't have other options. Usually I just do that because I'm running out of options, so I will just use it. But if you're asking me, I don't trust it. For example, if I go to some library or some big academic places, so if I found something there, I trust it easily. I never questioned it, but whatever AI suggested me, I never trusted it. So I will use it because I don't have options. But like trust, it's difficult, difficult for me. So whatever it's recommending, so I will just use it because I don't have options. Otherwise, I don't trust it. Okay, so we move on to the next section, which is expectation of AI academic chatbot. Yeah, so first question on this section is, what would you expect from a chatbot that recommends academic readings? So now we are moving from the static existing LLMs, and now we are moving on to maybe creating some chatbot for you, which kind of recommends some academic readings to you. So what would you expect from this kind of chatbot? I would expect, or I would say it would be better, like specific chatbot for specific topic. You know, right now the problem is, you know, some chatbots, all of the chatbots are like, they don't focus on specific things. They are trying to provide you everything. They are trying to be useful for everything. So I would expect for specific topic, a specific chatbot. If it's like related, a specific chatbot. If it's like a specific chatbot related to only health. If it's business, a specific chatbot. Yeah, so I would expect like a specific tool for a specific topic. Then maybe it would be easier to trust, you know. Okay, and next question is, what features or capabilities would make it useful for your learning or for your purpose? I'm trying, you know, right now I don't see any additional feature from chatbots, you know, just provide you some response or reply. Other than that, I don't think, I never used any features from chatbots, you know. Maybe there is some video creating feature or maybe some picture preparing. I don't know, but I never used such kind of features for academic related. So I cannot say anything. It's hard to mention right now for me. I cannot say this feature would be like very useful for learning. But maybe, you know, right now it's giving me like text results, you know. If there is like some audio, sometimes I wish, you know, especially when I wanted to learn some, for example, language. If there is some audio feature from chatbot, I would be happy. Even I prefer, like if I give it paper by myself, it doesn't matter whether it's generating by itself. If I give it some paper and if it teaches me like with audio, like summarizing the main topic and trying to teach me audio. So I prefer such kind of features. Sometimes I wish, yes. So let's say now you have one or something like embedded into maybe IAS information system or embedded into any software that you use. Next question is based on this. It's more of like what information should the chatbot consider when suggesting reading materials to you? What should the chatbot consider when it suggests? What is the purpose of that course? Right. So

before recommending me something, I don't want the chatbot to recommend to me based on my preference because maybe I prefer like easily stuff. So I prefer if it's recommended to me based on like main goal of the course. Main purpose of the course. What should be the outcome after I take this, after I studied this kind of topic. So I prefer if it's recommending me based on that. Usually right now I think chatbots like try to make things easy. They only focus on those areas. So I don't want some chatbot to recommend me what's easy for me or what's based on my preference. I recommend, I prefer special like academic related. I would prefer it's based on main goal of the courses or topics. So next is how would you prefer to interact with this chatbot? I mean you mentioned one of it and some examples are text-based, voice, integration into LMS. That LMS is a learning management system. So some people have this management system and then they have integration of some third-party application or third-party software into this system and then they get information straight into this portal or management system. So you have one place that you get information from so many places that you've integrated. So how do you want your communication or interaction with this chatbot to be like? It's good if it's integrated to this learning management systems, but commonly my preference is text-based. If it's integrated to this LMS, yes, it would be great for special related to academic stuff, but I don't prefer voice. And even this one is also actually my concern for the future. For example, if you are interacting with chatbots with text, they don't feel you. They will just take whatever you would say. But what if in the future, based on your voice, based on your tone, if AI is trying to guess your feeling or something, I never prefer this one. I don't trust it to provide my voice to chatbots. So I will prefer both integrated into my learning management system and text-based. Does this answer your question? And the last question for this section is, what will make you trust such a chatbot? It's also a bit similar to what will make you trust AI or AI2. And what will make you also trust a chatbot like this? If I am not a test user, what I mean, for example, our university or some academic institutions, they implement some chatbot for specific academic areas. And if they just deploy it and if they try to guess the outcome based on our interaction, I don't easily trust them. I trust something that's very tested. For example, when they give us some course, when they create some new course in the university, they do a lot of researches, a lot of preparation. It will pass a lot of steps. So after that, when I take course, I have trust. I never question it. So if I am not participating, if I am not part of this test process, that's easier for me to trust such things. It passed this very critical test steps. Okay, so now we are done with all the sections. Now we go to closing questions. And with this, we have two questions that I will be asking. And the first one is, if you could design your own AI learning assistant, what would be its top three functions? Interesting question. It's difficult to answer. Sometimes I wish there's some automation in learning. I don't know, some automation. For example, when I try to run some coding, it's not only like provide me coding, some code, some portion. I want something also to test like in the AI itself. So testing, giving the result, then testing the space and then deployment. It's difficult. So if I am learning some practical stuff, if there is some future to do all the necessary steps. It's not only getting the outcome and tested by yourself. If there is some space for you also to play with it, to test it or I don't know. If there is this kind of functionality, I will be happy if I could design my learning assistant. I don't know, maybe if I remember something later, I will provide. And last question is, is there anything else you would like to share about your habit in learning and any expectation from AI tools? I mean, this is an open question. You can entertain. Usually, I don't prepare prompt by myself. Usually, especially if it is like a big topic, I prepare prompt in another AI chat and use for my main learning order reading. And especially if I have like bigger text, like I said earlier, like 200 page, 300 page, I don't usually just read this whole book. I just use AI tools to save time, especially that one is critical. So I prefer like reading AI right now. I think I'm doing it even workplaces here. If I have like larger book I have to read, so I will just use AI. I'll just give it the whole book. I will interact with it because, you know, learning by yourself and studying with another person, let's consider AI as a second person. It's easier, you know. For example, when you read something by yourself and when you study by teacher, it's totally different, you know, because you are interacting, you are asking questions and it will explain to you. So it's kind of