Utility Evaluation

This questionnaire is designed to collect your perceived utility of the two prompting techniques for code modification.

* Indicates required question

Participant ID *

Your answer

Summary-Mediated Prompting

The following questions are regarding your perceptions of *Summary-Mediated Prompting*.

The prompting technique assists in comprehending the code functionality. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

The prompting technique helps scaffold my modification intentions. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

The prompting technique is easy to use for specifying desired changes. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I feel that LLM-generated modifications do not introduce unintended side effects. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I generally had a good sense of control over the LLM when modifying the code. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I am confident that LLMs will generate my desired modifications. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I had a good understanding of why the LLM generated such modifications. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I am satisfied with the overall suggestions from LLMs. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

Direct Instruction Prompting

The following questions are regarding your perceptions of *Direct Instruction Prompting*.

The prompting technique assists in comprehending the code functionality. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

The prompting technique helps scaffold my modification intentions. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

The prompting technique is easy to use for specifying desired changes. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I feel that LLM-generated modifications do not introduce unintended side effects. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I generally had a good sense of control over the LLM when modifying the code. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I am confident that LLMs will generate my desired modifications. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I had a good understanding of why the LLM generated such modifications. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree

I am satisfied with the overall suggestions from LLMs. *

	1	2	3	4	5	6	7	
Strongly disagree	○	○	○	○	○	○	○	Strongly agree