

# Interview Questionnaire

Framework for Summarization and Error Detection of In-Vehicle Network Traces

Date: 30.09.2024

Interviewee: [REDACTED]

Interviewer: Simon Hiraer

## Current State of Practice

1. What is your current workflow or procedure for analyzing trace files attached to bug tickets?

Download from bug ticket, unzip, load into Tool (Carmen/Wireshark)

2. Are there any challenges or limitations in your current trace analysis workflow that you feel could be improved?

vulnerable to human error (because manual)

## Trace Analysis Tasks

Task 1: Carmen: First button press, no response

Task 2: No wake-up sequence after button press

Task 3: helpful summary, but need to verify correctness

Task 4: Error hint is good, but only superficially (high-level)

## Perceived Usefulness Questions (PU)

3. Using the trace analysis framework would improve my performance in doing my job.

LIKELY

UNLIKELY

			X			
--	--	--	---	--	--	--

4. Using the trace analysis framework at work would improve my productivity.

LIKELY

UNLIKELY

		X				
--	--	---	--	--	--	--

5. I would find the trace analysis framework useful in my job.

LIKELY

UNLIKELY

		X				
--	--	---	--	--	--	--

## Perceived Ease of Use Questions (PEU)

6. Learning to operate the trace analysis framework would be easy for me.

LIKELY

UNLIKELY

	X					
--	---	--	--	--	--	--

7. I would find it easy to get the trace analysis framework to do what I want it to do.

LIKELY

UNLIKELY

		X				
--	--	---	--	--	--	--

8. My interaction with the trace analysis framework would be clear and understandable.

LIKELY

UNLIKELY

		X				
--	--	---	--	--	--	--

## Behavioral Intention to use (BI)

9. I presently intend to use the trace analysis framework regularly at work.

LIKELY

*Yes, but depends on bug/error*

UNLIKELY

		X				
--	--	---	--	--	--	--

## General Feedback

10. What are your overall impressions and thoughts on the trace analysis framework?

Framework points into right direction, but more details needed

11. What additional features or improvements would enhance the trace analysis framework?

Detailed error hints