Interview Questionnaire

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

Date: _23.09.2024_

Interviewee: ███████████████

Interviewer: _Simon Hirner_

Current State of Practice

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

Download trace files, use Carmen for trace analysis

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

Better tool support / automation

Trace Analysis Tasks

Task 1: _Seems like IPB remains in sleep mode, does not process command_

Task 2: _IPB might not wake up quickly enough, hard to find root cause_

Task 3: _Summary points to the root cause_

Task 4: _Error hint is particulary helpful_

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   *Still need Carmen for in-depth analyse*   **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   *runs in Cloud which is great (no local installation)*   **UNLIKELY**

	X					

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

LIKELY   *Configuration may need some time*   **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   **UNLIKELY**

	X					

General Feedback

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

Improves process, save time, great potential for future

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

direct integration with specifications (Lastenheft)