

Appendix C Survey Items from Part III of the Survey

Perceived Usefulness (adapted from [83])

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- PU1 Using LLMs would enable me to evaluate user stories on potential conflicts with the GDPR more quickly.
- PU2 Using LLMs would make it easier to evaluate user stories on potential conflicts with the GDPR.
- PU3 Using LLMs would enhance my effectiveness in evaluating user stories for GDPR compliance.
- PU4 I believe that LLM-generated feedback would add significant value to GDPR compliance assessments.
- PU5 Overall, I would find LLMs useful for evaluating user stories on potential GDPR conflicts.
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Perceived Ease of Use (adapted from [83])

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- PEOU1 I find my interaction with the LLMs (e.g., through their chat interface) for evaluating user stories on potential GDPR conflicts be clear and understandable.
- PEOU2 Interacting with LLMs (e.g., through their chat interface) for evaluating user stories on potential GDPR conflicts does not require much mental effort.
- PEOU3 Learning to interact with LLMs (e.g., through their chat interface) for evaluating user stories on potential GDPR conflicts is easy for me.
- PEOU4 I find it easy to instruct LLMs to perform evaluations of user stories on potential GDPR conflicts.
- PEOU5 Generally, I find LLMs easy to use for evaluating user stories on potential GDPR conflicts.
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Behavioral Intention to Use (BIU) (adapted from [120])

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- BI1 I intend to use LLMs to evaluate user stories on potential GDPR conflicts in upcoming projects.
- BI2 I plan to use LLMs for evaluating user stories on potential GDPR conflicts regularly.
- BI3 I expect to rely on LLM-generated feedback as part of my regular GDPR compliance process.
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Perceived Trust (PT)

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- PT1 I trust the evaluations and feedback provided by LLMs for identifying GDPR compliance issues in user stories.
- PT2 I am confident in the reliability of LLM-generated feedback on GDPR compliance.
- PT3 I feel that LLMs can consistently provide trustworthy feedback on GDPR-related issues in user stories.
- PT4 The LLM's feedback on GDPR compliance aligns closely with the standards I would expect from human experts.
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Actual Use (AU) (adapted from [120])

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- AU1 On average, how many hours per week do you use LLMs for RE-related activities?
- AU2 On average, how many hours per week do you use LLMs to evaluate user stories on potential GDPR conflicts?
- AU3 At present, I consider myself to be a frequent user of LLMs to evaluate user stories on potential GDPR conflicts.
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