

## Thematic analysis

Question: RQ2.5: Other reason (Please specify)

Theme	Cod	Pain Point	Respondent's comment
Additional cause	Stakeholder	Improper Requirements	I felt frustrated because my clients (i.e. non-technical stakeholders in a project) consistently showed ignorance about the value of modelling.
		Expensive Requirements	I felt frustrated because the people who have the requirements were unavailable and no one is there to replace them, or to take ownership.
		Inadequate Explanation	Frustration when stakeholders have no time to listen to explanations. And if a model can not be easily explained, this puts in question the value of modelling.
		Complexity Issues	I felt frustrated because people change their jobs way too often, and this results in loss of organizational knowledge about the universe of discourse
	Tool	Tool Restrictions	It would have been better to do the modeling using a tool more suited to the needs
	Autonomy	Unclear Approach	I felt frustrated because I was given responsibility without authority to change things
	Nature of the work	Effortful Verbalization	Because it's a lot of work, sometimes repetitive work
Unclear Conceptualization		Because it's a lot of work, sometimes repetitive work	
Additional observation	Challenge/Not frustration	Expensive Requirements	Detailing the requirements of the model is part of the modeling job. How expressive do we need it to be?
		Effortful Negotiation	I consider this more of a challenge than a frustration
		Effortful Verbalization	More a reality than a frustration.
		Effortful Verbalization	Again, this is an important task for which I am paid well, so more of a challenge than a frustration
		Inadequate Explanation	The difficulty is built on - not really a frustration but a requirement
		Limited Verification	More of a challenge than a frustration. Only some aspects of verifying quality can be done automatically. Using a manual process does not add significantly to cost. Automatic verification can be useful but is seldomly the only way.
Not understood		Tool Restrictions	I felt frustrated because it didn't exist.
		Effortful Negotiation	Education of SMEs needed to understand the nature of words x concepts