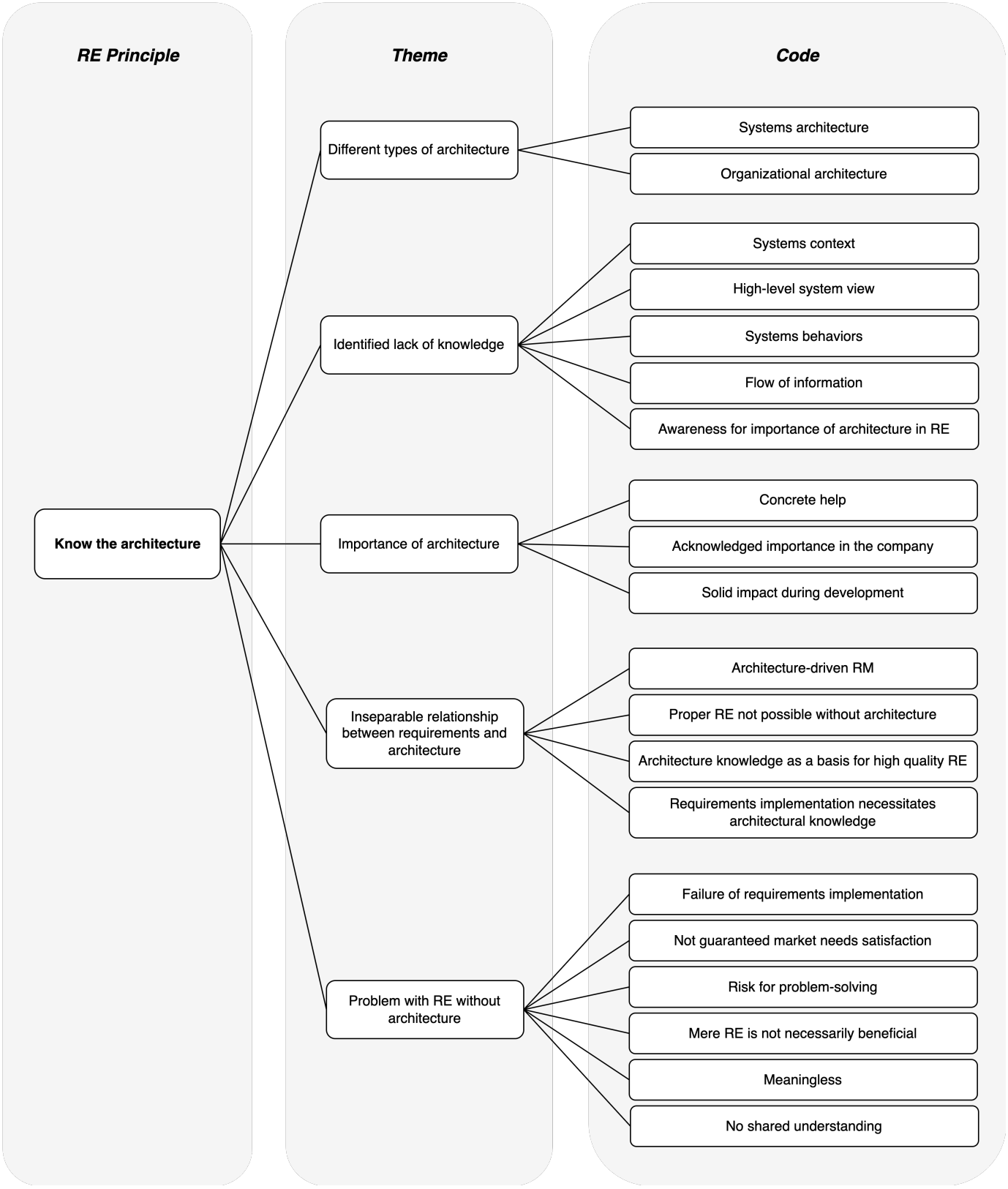
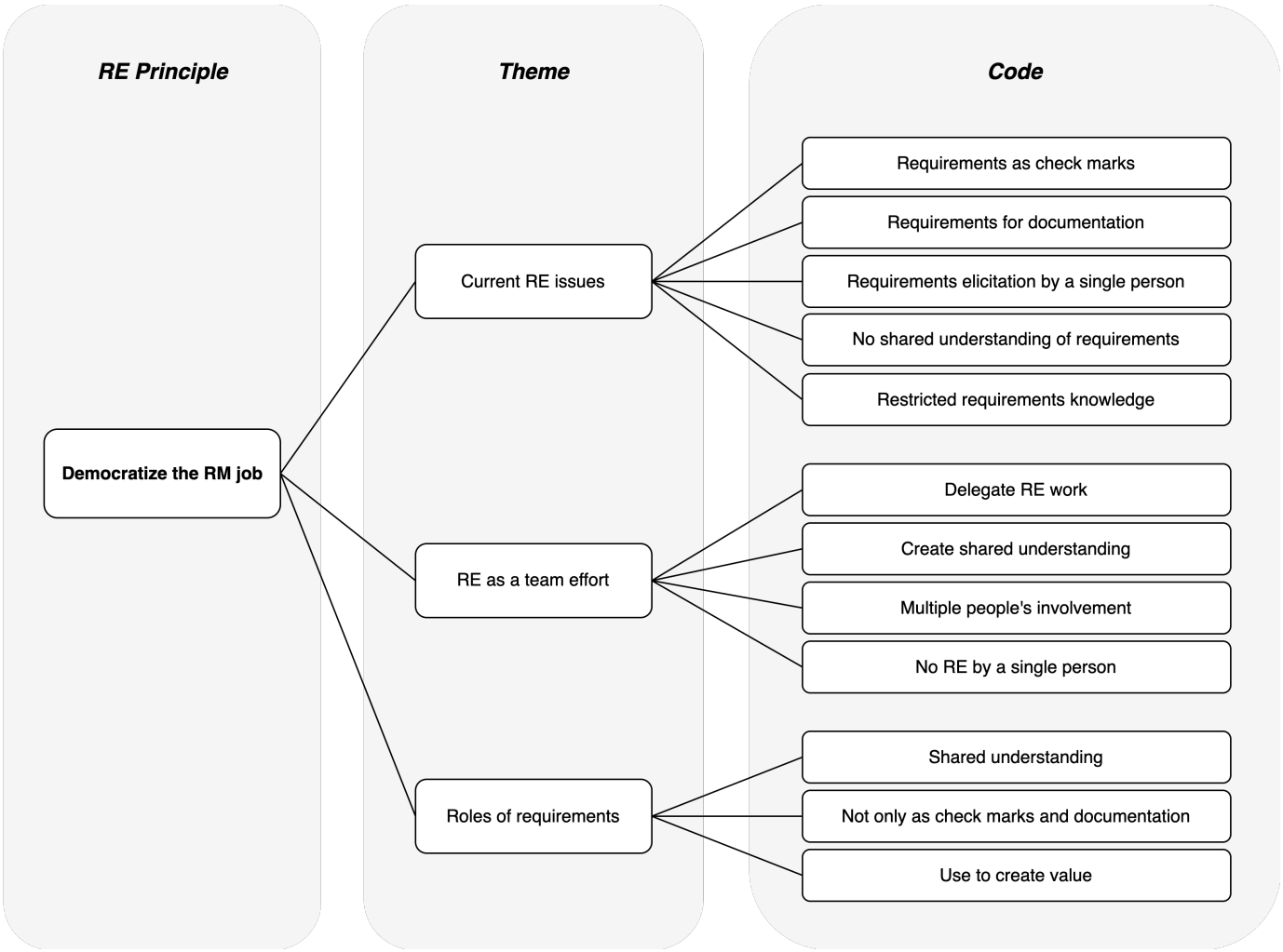
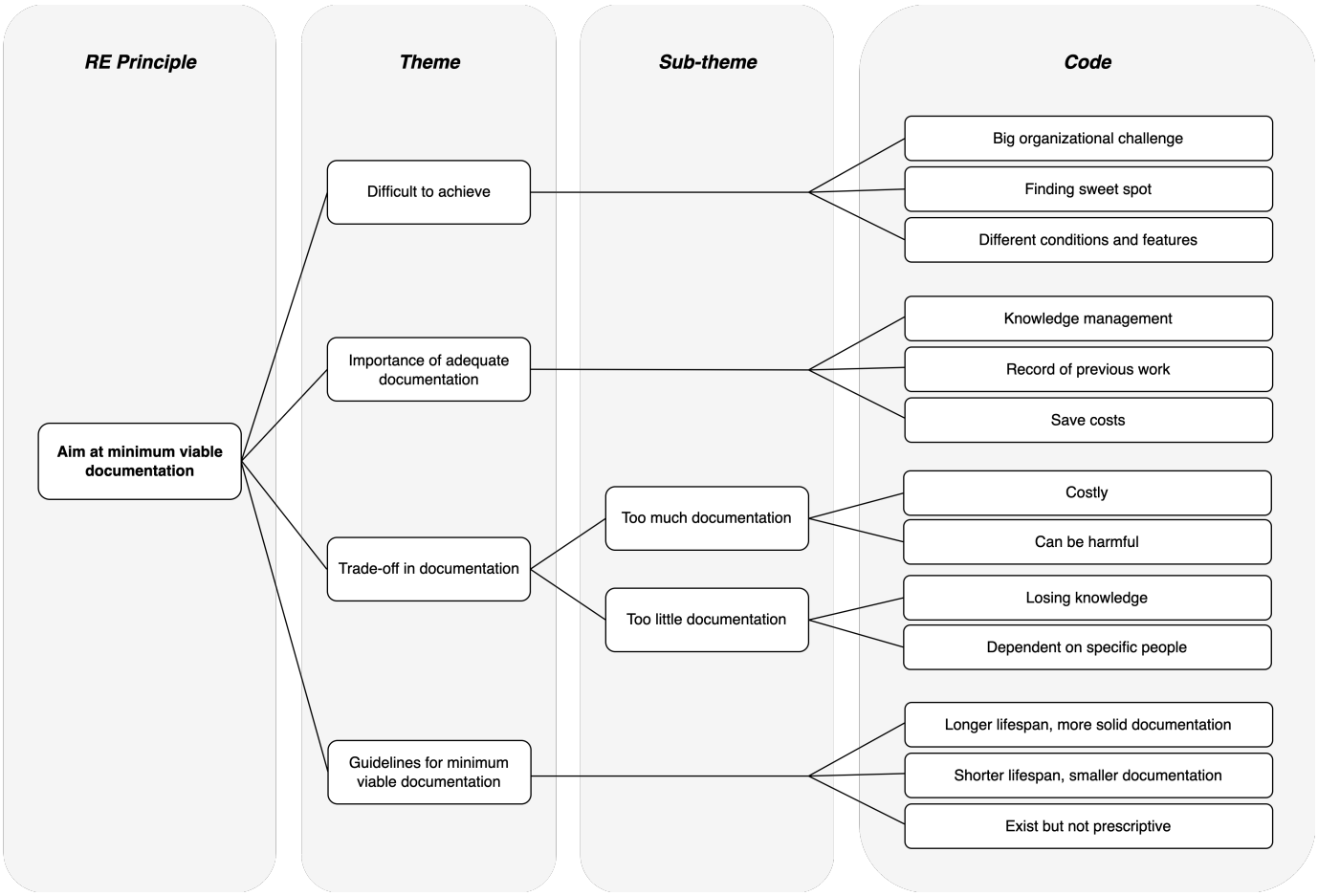
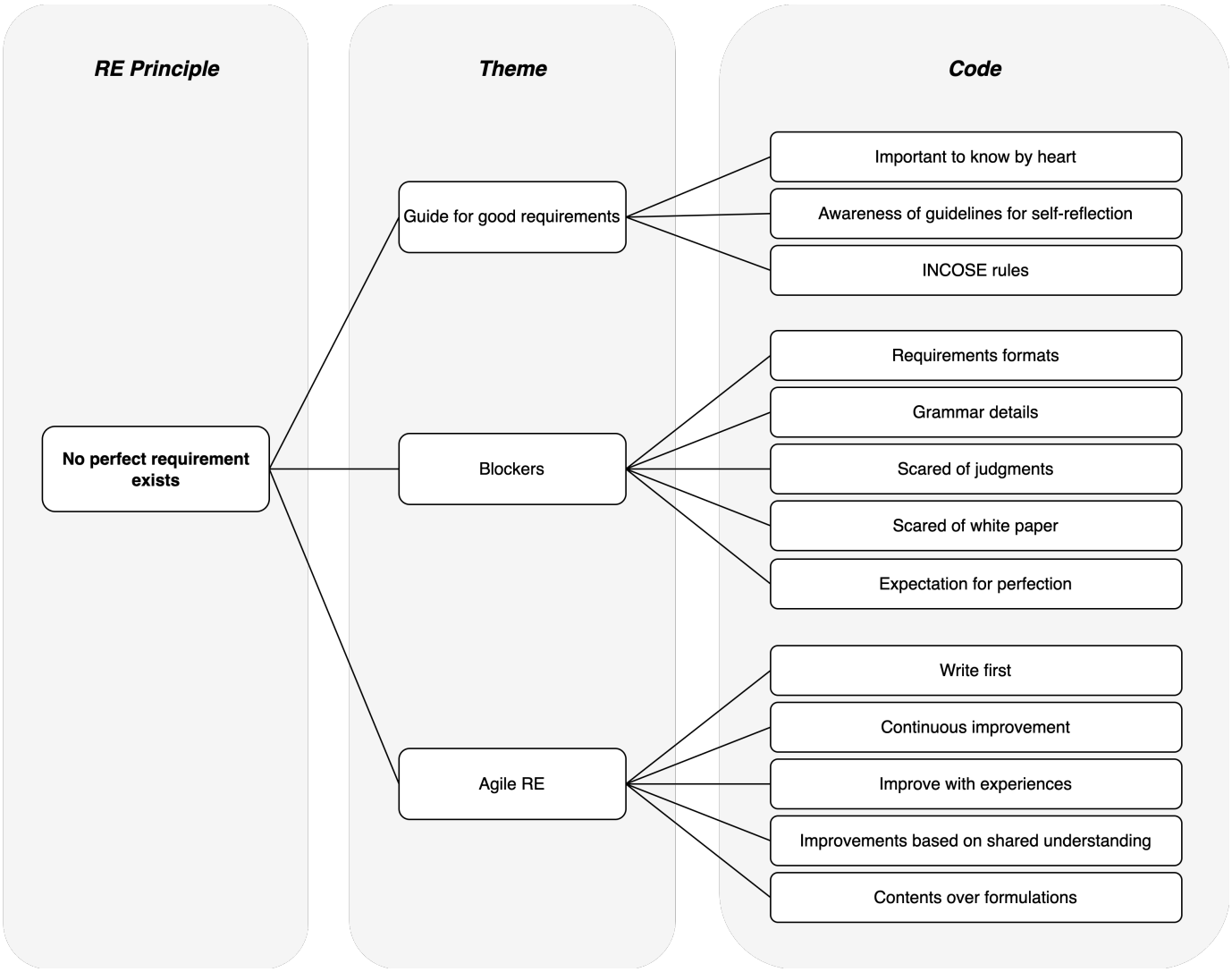
Thematic maps for RQ1 findings

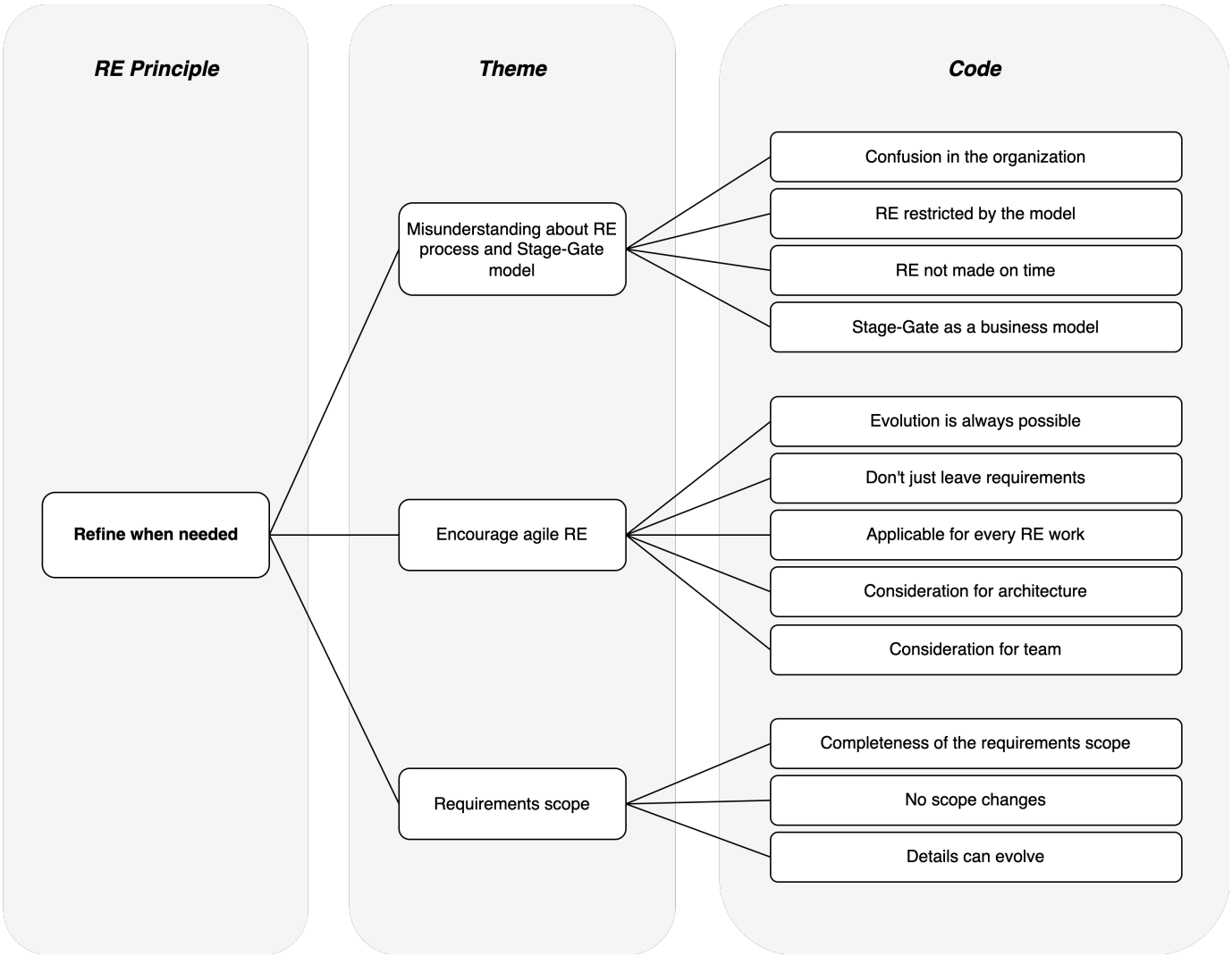
The result of the thematic analysis of the focus group to answer RQ1 is presented in this appendix as thematic maps. Each thematic map has a RE principle as a root and includes themes and matching codes. Sub-themes are presented when relevant.




RE Principle
Theme
Code
Democratize the RM job
Current RE issues
RE as a team effort
Roles of requirements
Requirements as check marks
Requirements for documentation
Requirements elicitation by a single person
No shared understanding of requirements
Restricted requirements knowledge
Delegate RE work
Create shared understanding
Multiple people's involvement
No RE by a single person
Shared understanding
Not only as check marks and documentation
Use to create value


RE Principle
Theme
Sub-theme
Code
Aim at minimum viable documentation
Difficult to achieve
Importance of adequate documentation
Trade-off in documentation
Guidelines for minimum viable documentation
Too much documentation
Too little documentation
Big organizational challenge
Finding sweet spot
Different conditions and features
Knowledge management
Record of previous work
Save costs
Costly
Can be harmful
Losing knowledge
Dependent on specific people
Longer lifespan, more solid documentation
Shorter lifespan, smaller documentation
Exist but not prescriptive


RE Principle
Theme
Code
No perfect requirement exists
Guide for good requirements
Blockers
Agile RE
Important to know by heart
Awareness of guidelines for self-reflection
INCOSE rules
Requirements formats
Grammar details
Scared of judgments
Scared of white paper
Expectation for perfection
Write first
Continuous improvement
Improve with experiences
Improvements based on shared understanding
Contents over formulations


RE Principle
Theme
Code
Refine when needed
Misunderstanding about RE process and Stage-Gate model
Encourage agile RE
Requirements scope
Confusion in the organization
RE restricted by the model
RE not made on time
Stage-Gate as a business model
Evolution is always possible
Don't just leave requirements
Applicable for every RE work
Consideration for architecture
Consideration for team
Completeness of the requirements scope
No scope changes
Details can evolve