

▼ Display options

Info: Here you can change the display options.

Edit display options:

☒ Show filters

☐ Show triggers

☐ Show plausibility checks

☒ Show hiding conditions

☐ Show direct links to edit the questionnaire

☒ Show fill-in instructions

☐ Show table of contents

☐ Show field positions in export template

Complete project

☐ Adjust column widths to effective size of data (excluding missing values)

☐ Show participant variables


☐ Show survey variables

☐ Display groups and group assignment of items and groups

Save settings

► Select language

▼ Edit variable names



Edit variable names

☐ Edit variable names directly in this form

☐ Create new variable names in accordance with selected algorithm [\(Select algorithm for creation of variable names\)](#)

☐ Export variable names for external editing

UTF-8

☐ Import externally edited variable names

☐ Restore original variable names

☐ Rename variables in dynamic answer blocks to make identification of original variable possible.

Save settings

▼ Export

Please note: These export files are not suitable for reimporting in EFS.
If you want to edit the variable names with an external application, please use the menu items "Export variable names for external editing" and "Import externally edited variable names".

Character set

UTF-8

Export as

☐ CSV

☒ Excel

Export

NaPiRE 2017/18

Project ID	400193
Survey URL	https://ww2.unipark.de/uc/re-survey/
Date	2017-10-30 07:11:58
Number of variables in survey table	226 (number might change due to compilation)

List: NFRClasses	
List type:	dynamic
List ID:	1
Used in questions:	How do you document each type of non-functional requirements selected in the previous question?
Used in loops:	-

LIST ELEMENT NO.	META INFORMATION	ASSIGN TO LIST, IF	WILDCARDS
1	Source variable (of the selected source project): v_97 (Compatibility (e.g., co-existence, interoperability))	if selected always list element	[1] Compatibility (e.g., co-existence, interoperability)
2	Source variable (of the selected source project): v_98 (Maintainability (e.g., analysability, modularity, modifiability, reusability, testability))	if selected always list element	[1] Maintainability (e.g., analysability, modularity, modifiability, reusability, testability)
3	Source variable (of the selected source project): v_99 (Performance efficiency (e.g., time behaviour, resource utilisation, capacity))	if selected always list element	[1] Performance efficiency (e.g., time behaviour, resource utilisation, capacity)
4	Source variable (of the selected source project): v_100 (Portability (e.g., adaptability, install ability, replaceability))	if selected always list element	[1] Portability (e.g., adaptability, install ability, replaceability)
5	Source variable (of the selected source project): v_101 (Reliability (e.g., availability, fault tolerance, maturity, recoverability))	if selected always list element	[1] Reliability (e.g., availability, fault tolerance, maturity, recoverability)
6	Source variable (of the selected source project): v_102 (Safety (e.g. freedom of risk for health or distaster))	if selected always list element	[1] Safety (e.g. freedom of risk for health or distaster)
7	Source variable (of the selected source project): v_303 (Security (e.g., accountability, authenticity, confidentiality, integrity, non-repudiation))	if selected always list element	[1] Security (e.g., accountability, authenticity, confidentiality, integrity, non-repudiation)
8	Source variable (of the selected source project): v_103 (Usability (e.g., accessibility, appropriateness recognizability, learnability, operability, user error protection, user interface aesthetics))	if selected always list	[1] Usability (e.g., accessibility, appropriateness recognizability, learnability, operability, user error protection, user interface aesthetics)

		element	
9	Source variable (of the selected source project): v_104 (Other (please specify))	if selected always list element	[1] #v_105#
List: ProblemSelectionStatic			
List type:		dynamic	
List ID:		2	
Used in questions:		-	
Used in loops:		-	
LIST ELEMENT NO.	META INFORMATION	ASSIGN TO LIST, IF	WILDCARDS
1	Source variable (of the selected source project): v_174 (Communication flaws within the project team)	if selected always list element	[1] Communication flaws within the project team
2	Source variable (of the selected source project): v_175 (Communication flaws between the project and the customer)	if selected always list element	[1] Communication flaws between the project and the customer
3	Source variable (of the selected source project): v_176 (Terminological problems)	if selected always list element	[1] Terminological problems
4	Source variable (of the selected source project): v_177 (Incomplete or hidden requirements)	if selected always list element	[1] Incomplete or hidden requirements
5	Source variable (of the selected source project): v_178 (Insufficient support by project lead)	if selected always list element	[1] Insufficient support by project lead
6	Source variable (of the selected source project): v_179 (Insufficient support by customer)	if selected always list element	[1] Insufficient support by customer
7	Source variable (of the selected source project): v_180 (Stakeholders with difficulties in separating requirements from previously known solution designs)	if selected always list element	[1] Stakeholders with difficulties in separating requirements from previously known solution designs
8	Source variable (of the selected source project): v_181 (Inconsistent requirements)	if selected always list element	[1] Inconsistent requirements
9	Source variable (of the selected source project): v_182 (Missing traceability)	if selected always list element	[1] Missing traceability
10	Source variable (of the selected source project): v_183 (Moving targets (changing goals, business processes and / or requirements))	if selected always list element	[1] Moving targets (changing goals, business processes and / or requirements)
11	Source variable (of the selected source project): v_184 (Gold plating (implementation of features without corresponding requirements))	if selected always list element	[1] Gold plating (implementation of features without corresponding requirements)
12	Source variable (of the selected source project): v_185 (Weak access to customer needs and / or (internal) business information)	if selected always list element	[1] Weak access to customer needs and / or (internal) business information
13	Source variable (of the selected source project): v_186 (Weak knowledge about customer's application domain)	if selected always list element	[1] Weak knowledge about customer's application domain
14	Source variable (of the selected source project): v_187 (Weak relationship between customer and project lead)	if selected always list element	[1] Weak relationship between customer and project lead
15	Source variable (of the selected source project): v_188 (Time boxing / Not enough time in general)	if selected always list element	[1] Time boxing / Not enough time in general
16	Source variable (of the selected source project): v_189 (Discrepancy between high degree of innovation and need for formal acceptance of (potentially wrong / incomplete / unknown) requirements)	if selected always list element	[1] Discrepancy between high degree of innovation and need for formal acceptance of (potentially wrong / incomplete / unknown) requirements
17	Source variable (of the selected source project): v_190 (Technically unfeasible requirements)	if selected always list element	[1] Technically unfeasible requirements
18	Source variable (of the selected source project): v_191 (Underspecified requirements that are too abstract and allow for various interpretations)	if selected always list element	[1] Underspecified requirements that are too abstract and allow for various interpretations
19	Source variable (of the selected source project): v_192 (Unclear / unmeasurable non-functional requirements)	if selected always list element	[1] Unclear / unmeasurable non-functional requirements
20	Source variable (of the selected source project): v_193 (Volatile customer's business domain regarding, e.g., changing points of contact, business processes or requirements)	if selected always list element	[1] Volatile customer's business domain regarding, e.g., changing points of contact, business processes or requirements
21	Source variable (of the selected source project): v_246 (Top 1 problem (most critical one))	(1=1)	[1] Top 1 problem (most critical one)
22	Source variable (of the selected source project): v_248 (Top 2 problem)	(1=1)	[1] Top 2 problem
23	Source variable (of the selected source project): v_250 (Top 3 problem)	(1=1)	[1] Top 3 problem
24	Source variable (of the selected source project): v_252 (Top 4 problem)	(1=1)	[1] Top 4 problem
25	Source variable (of the selected source project): v_254 (Top 5 problem)	(1=1)	[1] Top 5 problem
1 Page: System (PGID 2401445)			
3 Page: Language Selection (PGID 2420013)			
Please select the language (q_4423504 - Type 111)			
Variable name v_300	External variable name v_300	int	Language Selection

4 Page: Instructions (PGID 2401449)

5 Page: Metadata (PGID 2401450)

In which country are you personally located? (q_4381600 - Type 131)

Variable name v_23	External variable name v_23	int	Country Selection
		6	Afghanistan
		7	Albania
		8	Algeria
		9	American Samoa
		10	Andorra
		11	Angola
		12	Anguilla
		13	Antigua & Barbuda
		14	Argentina
		15	Armenia
		16	Aruba
		17	Australia
		18	Austria
		19	Azerbaijan
		20	Bahamas, The
		21	Bahrain
		22	Bangladesh
		23	Barbados
		24	Belarus
		25	Belgium
		26	Belize
		27	Benin
		28	Bermuda
		29	Bhutan
		30	Bolivia
		31	Bosnia & Herzegovina
		32	Botswana
		33	Brazil
		34	British Virgin Is.
		35	Brunei
		36	Bulgaria
		37	Burkina Faso
		38	Burma
		39	Burundi
		40	Cambodia
		41	Cameroon
		42	Canada
		43	Cape Verde
		44	Cayman Islands
		45	Central African Rep.
		46	Chad
		47	Chile
		48	China
		49	Colombia
		50	Comoros
		51	Congo, Dem. Rep.
		52	Congo, Repub. of the
		53	Cook Islands
		54	Costa Rica
		55	Cote d'Ivoire
		56	Croatia
		57	Cuba
		58	Cyprus
		59	Czech Republic
		60	Denmark
		61	Djibouti

62	Dominica
63	Dominican Republic
64	East Timor
65	Ecuador
66	Egypt
67	El Salvador
68	Equatorial Guinea
69	Eritrea
70	Estonia
71	Ethiopia
72	Faroe Islands
73	Fiji
74	Finland
75	France
76	French Guiana
77	French Polynesia
78	Gabon
79	Gambia, The
80	Gaza Strip
81	Georgia
82	Germany
83	Ghana
84	Gibraltar
85	Greece
86	Greenland
87	Grenada
88	Guadeloupe
89	Guam
90	Guatemala
91	Guernsey
92	Guinea
93	Guinea-Bissau
94	Guyana
95	Haiti
96	Honduras
97	Hong Kong
98	Hungary
99	Iceland
100	India
101	Indonesia
102	Iran
103	Iraq
104	Ireland
105	Isle of Man
106	Israel
107	Italy
108	Jamaica
109	Japan
110	Jersey
111	Jordan
112	Kazakhstan
113	Kenya
114	Kiribati
115	Korea, North
116	Korea, South
117	Kuwait
118	Kyrgyzstan
119	Laos
120	Latvia
121	Lebanon
122	Lesotho
123	Liberia
124	Libya
125	Liechtenstein
126	Lithuania

127	Luxembourg
128	Macau
129	Macedonia
130	Madagascar
131	Malawi
132	Malaysia
133	Maldives
134	Mali
135	Malta
136	Marshall Islands
137	Martinique
138	Mauritania
139	Mauritius
140	Mayotte
141	Mexico
142	Micronesia, Fed. St.
143	Moldova
144	Monaco
145	Mongolia
146	Montserrat
147	Morocco
148	Mozambique
149	Namibia
150	Nauru
151	Nepal
152	Netherlands
153	Netherlands Antilles
154	New Caledonia
155	New Zealand
156	Nicaragua
157	Niger
158	Nigeria
159	N. Mariana Islands
160	Norway
161	Oman
162	Pakistan
163	Palau
164	Panama
165	Papua New Guinea
166	Paraguay
167	Peru
168	Philippines
169	Poland
170	Portugal
171	Puerto Rico
172	Qatar
173	Reunion
174	Romania
175	Russia
176	Rwanda
177	Saint Helena
178	Saint Kitts & Nevis
179	Saint Lucia
180	St Pierre & Miquelon
181	Saint Vincent and the Grenadines
182	Samoa
183	San Marino
184	Sao Tome & Principe
185	Saudi Arabia
186	Senegal
187	Serbia
188	Seychelles
189	Sierra Leone
190	Singapore
191	Slovakia

192	Slovenia
193	Solomon Islands
194	Somalia
195	South Africa
196	Spain
197	Sri Lanka
198	Sudan
199	Suriname
200	Swaziland
201	Sweden
202	Switzerland
203	Syria
204	Taiwan
205	Tajikistan
206	Tanzania
207	Thailand
208	Togo
209	Tonga
210	Trinidad & Tobago
211	Tunisia
212	Turkey
213	Turkmenistan
214	Turks & Caicos Is
215	Tuvalu
216	Uganda
217	Ukraine
218	United Arab Emirates
219	United Kingdom
220	United States
221	Uruguay
222	Uzbekistan
223	Vanuatu
224	Venezuela
225	Vietnam
226	Virgin Islands
227	Wallis and Futuna
228	West Bank
229	Western Sahara
230	Yemen
231	Zambia
232	Zimbabwe
233	- Please select a country -

How many people are involved in your project? (q_4381425 - Type 141)

Variable name	External variable name	varchar	Team Size
v_3	v_3		

Please select the main industrial sector of your project and the application domain of the software you build. (q_4381417 - Type 111)

Variable name	External variable name	int	Sector
v_1	v_1		
		1	Agriculture
		2	Automotive
		3	Finance
		4	Healthcare
		5	Security
		6	Manufacturing
		7	Energy
		8	Logistics
		9	Railway
		10	Avionics
		12	Insurance
		13	Education
		14	Public sector
		15	Enterprise resource planning
		16	Human resources
		17	e-Government

		18	Telecommunication
		19	Games engineering
		20	Public transportation
		21	e-Commerce
		22	Other (please specify)
Variable name v_2	External variable name v_2	varchar	Other (please specify)

Please select the class of systems or services you work on in the context of your project. (q_4381429 - Type 111)

Variable name v_4	External variable name v_4	int	System Class
		1	Software-intensive embedded systems
		2	Business information systems
		3	Hybrid of both software-intensive embedded systems and business information systems
		6	Other (please specify)
Variable name v_5	External variable name v_5	varchar	Other (please specify)

Are there quality attributes which are of particularly high importance for your development project? If yes, which one(s)? (q_4381437 - Type 121)

Variable name v_6	External variable name v_6	int	Compatibility (e.g., co-existence, interoperability)
		0	not quoted
		1	quoted
Variable name v_7	External variable name v_7	int	Maintainability (e.g., analysability, modularity, modifiability, reusability, testability)
		0	not quoted
		1	quoted
Variable name v_8	External variable name v_8	int	Performance efficiency (e.g., time behaviour, resource utilisation, capacity)
		0	not quoted
		1	quoted
Variable name v_9	External variable name v_9	int	Portability (e.g., adaptability, installability, replaceability)
		0	not quoted
		1	quoted
Variable name v_10	External variable name v_10	int	Reliability (e.g., availability, faulty tolerance, maturity, recoverability)
		0	not quoted
		1	quoted
Variable name v_11	External variable name v_11	int	Security (e.g., accountability, authenticity, confidentiality, integrity, non-repudiation)
		0	not quoted
		1	quoted
Variable name v_12	External variable name v_12	int	Safety (e.g., freedom of risk for health or disaster)
		0	not quoted
		1	quoted
Variable name v_13	External variable name v_13	int	Usability (e.g., accessibility, appropriateness recognisability, learnability, operability, user error protection, user interface aesthetics)
		0	not quoted
		1	quoted
Variable name v_14	External variable name v_14	int	Other
		0	not quoted
		1	quoted
Variable name v_15	External variable name v_15	varchar	Other

Is your project distributed? (q_4381446 - Type 111)

Variable name v_16	External variable name v_16	int	Team Distribution
		1	Yes
		2	No
		3	I don't know

What is the main role you occupy in your project? (q_4381479 - Type 111)

Variable name v_17	External variable name v_17	int	Main Role Respondent
		1	Business Analyst
		2	Customer
		3	Developer

		4	Project Lead / Project Manager
		5	Product Owner
		6	Product Manager
		7	Scrum Master
		8	Architect
		9	Test Manager / Tester
		10	Marketing
		11	Requirements Engineer
		12	Other (please specify)

Variable name v_18	External variable name v_18	varchar	Other (please specify)
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How many years of industrial experience do you have in your role? (q_4381538 - Type 141)

Variable name v_19	External variable name v_19	varchar	Experience Respondent
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Do you have a certification in this role? If yes, which one? (q_4381564 - Type 141)

Variable name v_20	External variable name v_20	varchar	Certification Role Respondent
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Which organisational role does your project team have in your project? (q_4381566 - Type 111)

Variable name v_21	External variable name v_21	int	Organisational Role Team
		1	Customer
		2	Main contractor (main responsible for the development project)
		3	Sub-contractor (responsible for part of a larger development project)
		4	In-house development
		6	Other (please specify)

Variable name v_22	External variable name v_22	varchar	Other (please specify)
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How would you personally characterise your way of working in your project? (q_4382041 - Type 111)

Variable name v_24	External variable name v_24	int	Characterisation Way of Working
		1	Agile
		2	Rather agile
		3	Hybrid
		4	Rather plan-driven
		5	Plan-driven

In general, how would you rate the relationship between your project team and your customer? (q_4382042 - Type 111)

Variable name v_25	External variable name v_25	int	Characterisation Relationship Customer
		1	Very good
		2	Good
		3	neutral
		4	Bad
		5	Very bad

6 Page: Filter Customer Relationship (PGID 2403398)

6.1 Page: Relationship Customer (PGID 2401918)

In your opinion, what is the reason for the particularly bad relationship? (q_4382069 - Type 142)

Variable name v_26	External variable name v_26	blob	Reason Bad Relationship
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In your opinion, what is the reason for the particularly good relationship? (q_4382070 - Type 142)

Variable name v_27	External variable name v_27	blob	Reason Good Relationship
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7 Page: Requirements Elicitation (PGID 2401451)

How are the requirements elicited in your project? (q_4382093 - Type 121)

Variable name v_28	External variable name v_28	int	We elicit and / or refine requirements in several iterations
		0	not quoted
		1	quoted
Variable name v_29	External variable name v_29	int	We elicit and / or refine requirements in a specifically dedicated project phase
		0	not quoted

		1	quoted
Variable name v_34	External variable name v_34	int	Other (please specify)
		0	not quoted
		1	quoted
Variable name v_35	External variable name v_35	varchar	Other (please specify)
Which techniques do you use for your requirements elicitations? (q_4382121 - Type 121)			
Variable name v_36	External variable name v_36	int	Interviews
		0	not quoted
		1	quoted
Variable name v_37	External variable name v_37	int	Analysis of existing documents
		0	not quoted
		1	quoted
Variable name v_38	External variable name v_38	int	Risk analyses
		0	not quoted
		1	quoted
Variable name v_39	External variable name v_39	int	Prototyping
		0	not quoted
		1	quoted
Variable name v_40	External variable name v_40	int	Workshops and focus groups
		0	not quoted
		1	quoted
Variable name v_41	External variable name v_41	int	(Requirements) Reuse databases and guidelines
		0	not quoted
		1	quoted
Variable name v_42	External variable name v_42	int	Design Thinking / Lean Startup
		0	not quoted
		1	quoted
Variable name v_43	External variable name v_43	int	External experts
		0	not quoted
		1	quoted
Variable name v_44	External variable name v_44	int	Observations
		0	not quoted
		1	quoted
Variable name v_47	External variable name v_47	int	We do not elicit requirements (ourselves)
		0	not quoted
		1	quoted
Variable name v_45	External variable name v_45	int	Other
		0	not quoted
		1	quoted
Variable name v_46	External variable name v_46	varchar	Other
Who has the primary responsibility for eliciting requirements? (q_4382226 - Type 111)			
Variable name v_51	External variable name v_51	int	Primary Responsibility Requirements Elicitation
		1	Marketing
		2	Business Analyst
		3	Requirements Engineer
		4	Project Lead / Project Manager
		5	Scrum Master
		6	Product Owner
		7	Product Manager
		8	Architect
		9	Developer
		10	Customer
		12	Other
		13	Nobody has the primary responsibility

Variable name	External variable name	varchar	Other
v_52	v_52		

8 Page: Documentation Entry (PGID 2403254)

At what level of granularity do you document requirements, and when? (q_4384356 - Type 111)

Variable name	External variable name	int	Documentation Granularity
v_59	v_59		
		1	We document detailed requirements at the beginning of the project.
		2	We document high-level requirements at beginning of the project and refine them to detailed requirements when needed (for instance, we document epics as them to user stories for the sprints).
		3	We do not document requirements.
		4	Other (please specify)
Variable name	External variable name	varchar	Other (please specify)
v_60	v_60		

9 Page: Filter Documentation (PGID 2403672)

9.1 Page: Requirements Documentation (PGID 2401452)

How do you make use of the documented requirements? (q_4384361 - Type 121)

Variable name	External variable name	int	They are the basis for the implementation.
v_61	v_61		
		0	not quoted
		1	quoted
Variable name	External variable name	int	They are source for tests.
v_62	v_62		
		0	not quoted
		1	quoted
Variable name	External variable name	int	They are used in customer acceptance.
v_63	v_63		
		0	not quoted
		1	quoted
Variable name	External variable name	int	They are part of the contract.
v_64	v_64		
		0	not quoted
		1	quoted
Variable name	External variable name	int	They are a reminder for further discussions with the customer, product owner, and / or other team members
v_65	v_65		
		0	not quoted
		1	quoted
Variable name	External variable name	int	Other (please specify)
v_66	v_66		
		0	not quoted
		1	quoted
Variable name	External variable name	varchar	Other (please specify)
v_67	v_67		

For which information do you make an explicit distinction when documenting your requirements? (q_4384445 - Type 121)

Variable name	External variable name	int	Architectural constraints
v_76	v_76		
		0	not quoted
		1	quoted
Variable name	External variable name	int	Development process aspects
v_73	v_73		
		0	not quoted
		1	quoted
Variable name	External variable name	int	Formal properties
v_79	v_79		
		0	not quoted
		1	quoted
Variable name	External variable name	int	Functional properties of the system
v_68	v_68		
		0	not quoted
		1	quoted
Variable name	External variable name	int	Goals
v_70	v_70		
		0	not quoted
		1	quoted
Variable name	External variable name	int	Quality properties
v_71	v_71		
		0	not quoted
		1	quoted
Variable name	External variable name	int	Rules (e.g., business rules)

v_74	v_74		
		0	not quoted
		1	quoted
Variable name v_78	External variable name v_78	int	Stakeholders
		0	not quoted
		1	quoted
Variable name v_77	External variable name v_77	int	System behaviour
		0	not quoted
		1	quoted
Variable name v_75	External variable name v_75	int	Technical interfaces
		0	not quoted
		1	quoted
Variable name v_69	External variable name v_69	int	Usage scenarios
		0	not quoted
		1	quoted
Variable name v_72	External variable name v_72	int	User interface(s)
		0	not quoted
		1	quoted
Variable name v_80	External variable name v_80	int	Other (please specify)
		0	not quoted
		1	quoted
Variable name v_81	External variable name v_81	varchar	Other (please specify)
How do you document requirements? (q_4384461 - Type 121)			
Variable name v_87	External variable name v_87	int	Activity diagrams
		0	not quoted
		1	quoted
Variable name v_92	External variable name v_92	int	Business process models
		0	not quoted
		1	quoted
Variable name v_88	External variable name v_88	int	Class diagrams
		0	not quoted
		1	quoted
Variable name v_91	External variable name v_91	int	Goal models
		0	not quoted
		1	quoted
Variable name v_83	External variable name v_83	int	Natural language / informal (plain) text
		0	not quoted
		1	quoted
Variable name v_93	External variable name v_93	int	Prototypes / User screens
		0	not quoted
		1	quoted
Variable name v_89	External variable name v_89	int	Sequence diagrams
		0	not quoted
		1	quoted
Variable name v_94	External variable name v_94	int	Sketches
		0	not quoted
		1	quoted
Variable name v_90	External variable name v_90	int	State machines
		0	not quoted
		1	quoted
Variable name v_84	External variable name v_84	int	Structured lists of requirements
		0	not quoted
		1	quoted
Variable name	External variable name	int	Use case diagrams

v_86	v_86		
		0	not quoted
		1	quoted
Variable name v_82	External variable name v_82	int	Use cases
		0	not quoted
		1	quoted
Variable name v_85	External variable name v_85	int	User stories
		0	not quoted
		1	quoted
Variable name v_95	External variable name v_95	int	Other (please specify)
		0	not quoted
		1	quoted
Variable name v_96	External variable name v_96	varchar	Other (please specify)

Which classes of non-functional requirements do you explicitly consider in your requirements documentation? (q_4384473 - Type 121)

Variable name v_97	External variable name v_97	int	Compatibility (e.g., co-existence, interoperability)
		0	not quoted
		1	quoted
Variable name v_98	External variable name v_98	int	Maintainability (e.g., analysability, modularity, modifiability, reusability, testability)
		0	not quoted
		1	quoted
Variable name v_99	External variable name v_99	int	Performance efficiency (e.g., time behaviour, resource utilisation, capacity)
		0	not quoted
		1	quoted
Variable name v_100	External variable name v_100	int	Portability (e.g., adaptability, install ability, replaceability)
		0	not quoted
		1	quoted
Variable name v_101	External variable name v_101	int	Reliability (e.g., availability, fault tolerance, maturity, recoverability)
		0	not quoted
		1	quoted
Variable name v_102	External variable name v_102	int	Safety (e.g. freedom of risk for health or distaster)
		0	not quoted
		1	quoted
Variable name v_303	External variable name v_303	int	Security (e.g., accountability, authenticity, confidentiality, integrity, non-repudiation)
		0	not quoted
		1	quoted
Variable name v_103	External variable name v_103	int	Usability (e.g., accessibility, appropriateness recognizability, learnability, operability, user error protection, user interface aesthetics)
		0	not quoted
		1	quoted
Variable name v_104	External variable name v_104	int	Other (please specify)
		0	not quoted
		1	quoted
Variable name v_105	External variable name v_105	varchar	Other (please specify)

10 Page: Filter NFR (PGID 2403647)

10.1 Page: Documentation NFR (PGID 2403284)

How do you document each type of non-functional requirements selected in the previous question? (q_4384526 - Type 143)

List element v_343 - (v_343) Source variable (of the selected source project): v_97 (Compatibility (e.g., co-existence, interoperability))	varchar	Comp (e.g., co-existence, interoperability)
List element v_344 - (v_344) Source variable (of the selected source project): v_98 (Maintainability (e.g., analysability, modularity, modifiability, reusability, testability))	varchar	Maintainability (e.g., analysability, modularity, modifiability, reusability, testability)
List element v_345 - (v_345) Source variable (of the selected source project): v_99 (Performance efficiency (e.g., time behaviour, resource utilisation, capacity))	varchar	Performance efficiency (e.g., time behaviour, resource utilisation, capacity)

List element v_346 - (v_346) Source variable (of the selected source project): v_100 (Portability (e.g., adaptability, install ability, replaceability))	varchar	Portat adapt install replac
List element v_347 - (v_347) Source variable (of the selected source project): v_101 (Reliability (e.g., availability, fault tolerance, maturity, recoverability))	varchar	Reliab availa tolera maturi recove
List element v_348 - (v_348) Source variable (of the selected source project): v_102 (Safety (e.g. freedom of risk for health or distaster))	varchar	Safety freedc for he distas
List element v_349 - (v_349) Source variable (of the selected source project): v_303 (Security (e.g., accountability, authenticity, confidentiality, integrity, non-repudiation))	varchar	Secur accou auther confid integri repudi
List element v_350 - (v_350) Source variable (of the selected source project): v_103 (Usability (e.g., accessibility, appropriateness recognizability, learnability, operability, user error protection, user interface aesthetics))	varchar	Usabil acces appro recogi learna operat error p user i aesthe
List element v_351 - (v_351) Source variable (of the selected source project): v_104 (Other (please specify))	varchar	#v_10

11 Page: Requirements Validation (PGID 2401453)

How do you verify and / or validate your requirements? (q_4384499 - Type 121)

Variable name v_110	External variable name v_110	int	Automatic checking
		0	not quoted
		1	quoted
Variable name v_108	External variable name v_108	int	Informal peer reviews
		0	not quoted
		1	quoted
Variable name v_106	External variable name v_106	int	Inspections (formal technical reviews using reading techniques or checklists)
		0	not quoted
		1	quoted
Variable name v_109	External variable name v_109	int	Simulations
		0	not quoted
		1	quoted
Variable name v_107	External variable name v_107	int	Walkthroughs
		0	not quoted
		1	quoted
Variable name v_111	External variable name v_111	int	We do not verify and / or validate our requirements
		0	not quoted
		1	quoted
Variable name v_112	External variable name v_112	int	Other (please specify)
		0	not quoted
		1	quoted
Variable name v_113	External variable name v_113	varchar	Other (please specify)

How do you align software testing with requirements? (q_4386276 - Type 121)

Variable name v_158	External variable name v_158	int	Testers participate in requirements reviews.
		0	not quoted
		1	quoted
Variable name v_159	External variable name v_159	int	We check the coverage of requirements with tests.
		0	not quoted
		1	quoted
Variable name v_160	External variable name v_160	int	We define acceptance criteria and tests for requirements.
		0	not quoted

		1	quoted
Variable name v_161	External variable name v_161	int	We derive tests from system models.
		0	not quoted
		1	quoted
Variable name v_162	External variable name v_162	int	We do not align tests and requirements.
		0	not quoted
		1	quoted
Variable name v_163	External variable name v_163	int	Other (please specify)
		0	not quoted
		1	quoted
Variable name v_164	External variable name v_164	varchar	Other (please specify)

12 Page: Requirements Management (PGID 2401454)

How do you deal with changing requirements after the initial release of the system (or parts of it)? (q_4386278 - Type 111)

Variable name v_165	External variable name v_165	int	Requirements Changes
		1	We work with change requests, but do not further update our requirements specification once formally accepted.
		2	We update our product backlog.
		3	We work with change requests and continuously update our requirements specification accordingly also after formally accepted.
		4	Other (please specify)
		5	We don't update our requirements (documentation) at all.
Variable name v_166	External variable name v_166	varchar	Other (please specify)

13 Page: Satisfaction RE (PGID 2401455)

Right now, how satisfied are you with how requirements engineering is done in your project? (q_4386283 - Type 111)

Variable name v_167	External variable name v_167	int	Satisfaction RE
		1	Very dissatisfied
		2	Dissatisfied
		3	Neither dissatisfied nor satisfied
		4	Satisfied
		5	Very satisfied

14 Page: Filter Dissatisfaction (PGID 2404980)

14.1 Page: RE Dissatisfaction (PGID 2404981)

Why are you rather dissatisfied with how requirements engineering is done in your project? (q_4386342 - Type 142)

Variable name v_168	External variable name v_168	blob	Reasons Dissatisfaction
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What are the consequences of the dissatisfying requirements engineering? (q_4386344 - Type 142)

Variable name v_170	External variable name v_170	blob	Consequences Dissatisfying RE
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What should change in your requirements engineering in order to make it satisfying? (q_4386345 - Type 142)

Variable name v_171	External variable name v_171	blob	Necessary Change in RE
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15 Page: Filter Satisfaction (PGID 2404982)

15.1 Page: RE Satisfaction (PGID 2404996)

Why are you rather satisfied with how requirements engineering is done in your project? (q_4386343 - Type 142)

Variable name v_169	External variable name v_169	blob	Reasons Satisfaction
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What are the consequences of the satisfying requirements engineering? (q_4386346 - Type 142)

Variable name v_172	External variable name v_172	blob	Consequences Satisfying RE
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At some point in the past, you were likely not fully satisfied with your project's requirements engineering. If anything, what happened to make you satisfied? (q_4386347 - Type 142)

Variable name v_173	External variable name v_173	blob	Past Changes in RE
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16 Page: RE Problems (PGID 2405011)

Considering your personal experiences, how do the following problems in requirements engineering apply to your project? (q_4386791 - Type 341)

Variable name v_174	External variable name v_174	int	Communication flaws within the project team
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_175	External variable name v_175	int	Communication flaws between the project and the customer
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_176	External variable name v_176	int	Terminological problems
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_177	External variable name v_177	int	Incomplete or hidden requirements
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_178	External variable name v_178	int	Insufficient support by project lead
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_179	External variable name v_179	int	Insufficient support by customer
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_180	External variable name v_180	int	Stakeholders with difficulties in separating requirements from previously known solution designs
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_181	External variable name v_181	int	Inconsistent requirements
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_182	External variable name v_182	int	Missing traceability
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_183	External variable name v_183	int	Moving targets (changing goals, business processes and / or requirements)
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral

		4	Rather applies
		5	Strongly applies
Variable name v_184	External variable name v_184	int	Gold plating (implementation of features without corresponding requirements)
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_185	External variable name v_185	int	Weak access to customer needs and / or (internal) business information
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_186	External variable name v_186	int	Weak knowledge about customer's application domain
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_187	External variable name v_187	int	Weak relationship between customer and project lead
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_188	External variable name v_188	int	Time boxing / Not enough time in general
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_189	External variable name v_189	int	Discrepancy between high degree of innovation and need for formal acceptance of (potentially wrong / incomplete / unknown) requirements
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_190	External variable name v_190	int	Technically unfeasible requirements
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_191	External variable name v_191	int	Underspecified requirements that are too abstract and allow for various interpretations
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_192	External variable name v_192	int	Unclear / unmeasurable non-functional requirements
		1	Does not apply at all
		2	Does rather not apply
		3	Neutral
		4	Rather applies
		5	Strongly applies
Variable name v_193	External variable name v_193	int	Volatile customer's business domain regarding, e.g., changing points of contact, business processes or requirements
		1	Does not apply at all
		2	Does rather not apply

- 3 Neutral
- 4 Rather applies
- 5 Strongly applies

17 Page: Critical RE Problems (PGID 2405407)

Considering your personally experienced problems stated in the previous question, which ones would you classify as the five most critical ones? (q_4388468 - Type 361)

Variable name	External variable name	int	Top 1 problem (most critical one) (Problem experienced in your project:) 215651
v_246	v_246		
		0	Please make a selection
		1	Communication flaws within the project team
		2	Communication flaws between the project and the customer
		3	Terminological problems
		4	Incomplete or hidden requirements
		5	Insufficient support by project lead
		6	Insufficient support by customer
		7	Stakeholders with difficulties in separating requirements from previously known solution designs
		8	Inconsistent requirements
		9	Missing traceability
		10	Moving targets (changing goals, business processes and / or requirements)
		11	Gold plating (implementation of features without corresponding requirements)
		12	Weak access to customer needs and / or (internal) business information
		13	Weak knowledge about customer's application domain
		14	Weak relationship between customer and project lead
		15	Time boxing / Not enough time in general
		16	Discrepancy between high degree of innovation and need for formal acceptance of (potentially wrong / incomplete / unknown) requirements
		17	Technically unfeasible requirements
		18	Underspecified requirements that are too abstract and allow for various interpretations
		19	Unclear / unmeasurable non-functional requirements
		20	Volatile customer's business domain regarding, e.g., changing points of contact, business processes or requirements
Variable name	External variable name	int	Top 2 problem (Problem experienced in your project:) 215651
v_248	v_248		
		0	Please make a selection
		1	Communication flaws within the project team
		2	Communication flaws between the project and the customer
		3	Terminological problems
		4	Incomplete or hidden requirements
		5	Insufficient support by project lead
		6	Insufficient support by customer
		7	Stakeholders with difficulties in separating requirements from previously known solution designs
		8	Inconsistent requirements
		9	Missing traceability
		10	Moving targets (changing goals, business processes and / or requirements)
		11	Gold plating (implementation of features without corresponding requirements)
		12	Weak access to customer needs and / or (internal) business information
		13	Weak knowledge about customer's application domain
		14	Weak relationship between customer and project lead
		15	Time boxing / Not enough time in general
		16	Discrepancy between high degree of innovation and need for formal acceptance of (potentially wrong / incomplete / unknown) requirements
		17	Technically unfeasible requirements
		18	Underspecified requirements that are too abstract and allow for various interpretations
		19	Unclear / unmeasurable non-functional requirements
		20	Volatile customer's business domain regarding, e.g., changing points of contact, business processes or requirements
Variable name	External variable name	int	Top 3 problem (Problem experienced in your project:) 215651
v_250	v_250		
		0	Please make a selection
		1	Communication flaws within the project team
		2	Communication flaws between the project and the customer
		3	Terminological problems
		4	Incomplete or hidden requirements
		5	Insufficient support by project lead
		6	Insufficient support by customer
		7	Stakeholders with difficulties in separating requirements from previously known solution designs
		8	Inconsistent requirements
		9	Missing traceability
		10	Moving targets (changing goals, business processes and / or requirements)
		11	Gold plating (implementation of features without corresponding requirements)

		12	Weak access to customer needs and / or (internal) business information
		13	Weak knowledge about customer's application domain
		14	Weak relationship between customer and project lead
		15	Time boxing / Not enough time in general
		16	Discrepancy between high degree of innovation and need for formal acceptance of (potentially wrong / incomplete / unknown) requirements
		17	Technically unfeasible requirements
		18	Underspecified requirements that are too abstract and allow for various interpretations
		19	Unclear / unmeasurable non-functional requirements
		20	Volatile customer's business domain regarding, e.g., changing points of contact, business processes or requirements

Variable name v_252	External variable name v_252	int	Top 4 problem (Problem experienced in your project:) 215651
		0	Please make a selection
		1	Communication flaws within the project team
		2	Communication flaws between the project and the customer
		3	Terminological problems
		4	Incomplete or hidden requirements
		5	Insufficient support by project lead
		6	Insufficient support by customer
		7	Stakeholders with difficulties in separating requirements from previously known solution designs
		8	Inconsistent requirements
		9	Missing traceability
		10	Moving targets (changing goals, business processes and / or requirements)
		11	Gold plating (implementation of features without corresponding requirements)
		12	Weak access to customer needs and / or (internal) business information
		13	Weak knowledge about customer's application domain
		14	Weak relationship between customer and project lead
		15	Time boxing / Not enough time in general
		16	Discrepancy between high degree of innovation and need for formal acceptance of (potentially wrong / incomplete / unknown) requirements
		17	Technically unfeasible requirements
		18	Underspecified requirements that are too abstract and allow for various interpretations
		19	Unclear / unmeasurable non-functional requirements
		20	Volatile customer's business domain regarding, e.g., changing points of contact, business processes or requirements

Variable name v_254	External variable name v_254	int	Top 5 problem (Problem experienced in your project:) 215651
		0	Please make a selection
		1	Communication flaws within the project team
		2	Communication flaws between the project and the customer
		3	Terminological problems
		4	Incomplete or hidden requirements
		5	Insufficient support by project lead
		6	Insufficient support by customer
		7	Stakeholders with difficulties in separating requirements from previously known solution designs
		8	Inconsistent requirements
		9	Missing traceability
		10	Moving targets (changing goals, business processes and / or requirements)
		11	Gold plating (implementation of features without corresponding requirements)
		12	Weak access to customer needs and / or (internal) business information
		13	Weak knowledge about customer's application domain
		14	Weak relationship between customer and project lead
		15	Time boxing / Not enough time in general
		16	Discrepancy between high degree of innovation and need for formal acceptance of (potentially wrong / incomplete / unknown) requirements
		17	Technically unfeasible requirements
		18	Underspecified requirements that are too abstract and allow for various interpretations
		19	Unclear / unmeasurable non-functional requirements
		20	Volatile customer's business domain regarding, e.g., changing points of contact, business processes or requirements

18 Page: Problems Causes Effects (PGID 2406406)			
Considering your personally experienced most critical problems selected in the previous question, which causes do they have? (q_4388846 - Type 143)			
Variable name v_277	External variable name v_277	varchar	#v_246#
Variable name v_278	External variable name v_278	varchar	#v_248#
Variable name v_279	External variable name v_279	varchar	#v_250#
Variable name v_280	External variable name v_280	varchar	#v_252#
Variable name	External variable name	varchar	#v_254#

v_281	v_281		
Considering your personally experienced most critical problems selected in the previous question, which implications do they have? (q_4388903 - Type 143)			
Variable name v_282	External variable name v_282	varchar	#v_246#
Variable name v_283	External variable name v_283	varchar	#v_248#
Variable name v_284	External variable name v_284	varchar	#v_250#
Variable name v_285	External variable name v_285	varchar	#v_252#
Variable name v_286	External variable name v_286	varchar	#v_254#
Besides the problems listed in the previous questions, is there another prominent problem you experienced in your project? If so, which one? (q_4386921 - Type 142)			
Variable name v_194	External variable name v_194	blob	Further Problem
19 Page: Conclusion (PGID 2406658)			
Is there any other unaddressed aspect that you experience in your RE process and that you would like to share with us? (q_4389544 - Type 142)			
Variable name v_297	External variable name v_297	blob	Further Remarks
In case you would like to be notified about the results, please fill in your email-address. (q_4389546 - Type 141)			
Variable name v_298	External variable name v_298	varchar (with type check: E-mail address)	Email
In principle, would you be willing to serve as an interview partner in the future for follow-up questions? (q_4389548 - Type 111)			
Variable name v_299	External variable name v_299	int	Participation Interview
		1	Yes
		2	No