	A	B	C	D	E	F	G	H	I
1	Phase according to the proposed design guide	Phase according to author(s)	Subphase according to design guide	Name	Kind (artifact/technique/guideline)	¿Considered for guide?	Reason why it was considered or not	IDs SLR	IDs GL
2	Planning	Brainstorming (1st phase of the suggested process)	Planning	Brainstorming	Technique	No	Lack of information	26	
3	Planning	Iteration 0 (2nd phase of the suggested process)	Planning	Release planning	Task	Yes	Lack of information	28	
4	Planning	Requirements and planning (3rd phase of the suggested process)	Planning	Preparation of setup and foundational work	Task	No	Lack of information	29	
5	Planning	Requirements and planning (3rd phase of the suggested process)	Planning	Planning iterations	Task	Yes	Lack of information	30	
6	Planning	Requirements and planning (3rd phase of the suggested process)	Planning	Documentation and it's content decision	Artifact	No	Lack of information	31	
7	Planning	Definition of business objetives	Planning	Problem and impact definition	Task	Yes			24
8	Planning	Planeación	Planning	Plan para el programa de API	Artifact	Yes			26
9	Planning	Planning, requirements	Planning	Functional specification	Artifact	Yes			47
10	Planning	Not mentioned explicitly, but it's the first step	Planning	Determining business value	Task	Yes			49
11	Planning	Not mentioned explicitly, but it's the second step	Planning	Establishing metrics	Task	Yes			50
12	Requirements	Identifying user requirements	Specification	Requirement documents such as user experience scenario (UX Scenario).	Artifact	Yes		11	
13	Requirements	Design (16); Domain Analysis (1st phase of the suggested methodology) (38)	Analysis	High level usage scenarios	Technique	Yes		16	
14	Requirements	Identifying user requirements (4); design (24)	Elicitation	Interviews with stakeholders	Technique	Yes		4, 24	
15	Requirements	Analysis	Specification	Requirement documents such as software requirement specification (SRS) documents	Artifact	Yes		11	
16	Requirements	Identifying user requirements	Elicitation	User requirements gathering sessions	Technique	No	Lack of information	5	
17	Requirements	Identifying user requirements	Elicitation	Pseudo-code study	Technique	No	Lack of information	6	
18	Requirements	Design	Elicitation	Participant observation	Technique	No	Lack of information	24	
19	Requirements	Iteration 0 (2nd phase of the suggested process), Requirements and planning (3rd phase of the suggested process) (23); define business objectives (20); not mentioned (42)	Analysis	User stories	Technique	Yes		23	20, 42
20	Requirements	Requirements, design	Analysis/Validation	API's goal canvas (a table)	Artifact	Yes			3
21	Requirements	Requirements	Elicitation	Questionary	Technique	Yes			4
22	Requirements	Planning, requirements	Specification	Functional specification	Artifact	Yes			47
23	Requirements	Design	Elicitation/Analysis	Definición de perfiles de desarrolladores cliente	Technique	Yes			3, 26
24	Design	Design	Conceptual design	Sketching	Technique	No		1	
25	Design	Design	Conceptual design	Rapido (scketching tool)	Tool	No	Tool is not available	2	
26	Design	Design (7)(19); Conceptual design (17); domain analysis (34), prtotyping(36)	Conceptual design	Prototyping (7); "Non-functional" low fidelity prototype (27)(34); functional prototype (19)(36)	Technique	Yes		7, 17, 19	34, 36
27	Design	Usability evaluation on API design	Validation	Usability evaluation throught think-aloud study	Evaluation technique			8	
28	Design	Design	Conceptual and detailed design	Design guidelines based on usability criteria	Guidelines			12	
29	Design	Design and Documentation Evaluation	Validation	Evaluation conforming the proposed evaluation guidelines	Evaluation technique			14	
30	Design	Design evaluation throught prototype	Validation	Usability study	Evaluation technique			18	
31	Design	Architecture design (20), design (9)(21)(31), domain analyasis(33), architectural design(35), schema modeling (45)	Conceptual and detailed design	API description	Artifact, guideline	Yes		20	9, 21, 31, 33, 35, 45
32	Design	Architecture design	-	Code snippets	Artifact	No		20	
33	Design	Applied to output of each phase of the development process for each iteration.	Validation	Cognitive Dimensions Framework (Framework for usability evaluation)	Evaluation technique			22	
34	Design	Design	Validation	Nielsen's usability severity ratings	Priorization technique			25	
35	Design	Not mentioned (1)(2)(11)	Detailed design	WSDL documents	Artifact	Yes			1, 2, 11
36	Design	Requirements, design	Conceptual and detailed design	API's goal canvas (a table)	Artifact, technique	Yes			3
37	Design	Design	Detailed design	REST API and HTTP cheat sheet	Guideline	Yes			5
38	Design	Design	Detailed design	Table of resources	Artifact	Yes			6
39	Design	Design	Detailed design	Ad hoc diagrams of responses and parameters	Artifact	Yes			7

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40	Design	Design (verification of parameter's data)	Detailed design	Flowchart for checking parameters data sources	Artifact	Yes			8
41	Design	Design	Detailed design	Editor for writing OAS documents	Tool	Yes			10
42	Design	Not mentioned	Detailed design	URI Templates	Technique, guideline	Yes			12
43	Design	Not mentioned	Detailed design	WADL documents	Artifact	Yes			13
44	Design	Not mentioned	Detailed design	URI Tunneling	Technique	Yes			14
45	Design	Not mentioned	Detailed design	XML Template	Artifact	Yes			15
46	Design	Not mentioned (16)(51), design (29), since the planning (54)	Detailed design	Swagger (or OpenAPI), RAML, Apiary	Tools	Yes			16, 29, 51, 54
47	Design	Several phases since it's a pattern: design, implementation, integration.	Conceptual design	API Facade Pattern	Guideline				17
48	Design	Design	Conceptual and detailed design	Pragmatic REST	Guideline	Yes			18
49	Design	Validation of design	Validation	Mocking data for interactive user testing	Technique				22
50	Design	Architectural design	Conceptual design	Selection of technology architecture	Task	Yes			25
51	Design	Design	Conceptual design	Prototipos, prototipado	Artifact, technique	Yes			28
52	Design	Design	Conceptual design	Selection of API architecture	Task	Yes			30
53	Design	Verification of the "Prototyping" phase	Validation	Acceptance Tests with Pilot Consumers	Technique	No			37
54	Design	Domain Analysis	Conceptual design	A resource taxonomy for the given usage scenarios.	Technique	Yes			39
55	Design	Domain Analysis	Conceptual design	State diagrams	Technique	Yes			40
56	Design	Verification of the "Architectural design" phase	Validation	Simulation	Technique	No	Lack of information		41
57	Design	Not mentioned	Detailed design	Ad-hoc diagrams for the client and API interaction	Technique, artifact	Yes			43
58	Design	Not mentioned	Detailed design	API calls table	Technique	Yes			44
59	Design	Verification of design	Validation	Acceptance tests and use cases	Technique	Yes			48
60	Design	Design	Conceptual and detailed design	Design guidelines published on http://apistylebook.com/design/guidelines/	Guideline	Yes		35	
61	Design	Evaluation of design	Validation	Nielsen's "heuristic evaluation" mapped to API design with a general example of how each can be applied.	Guideline	Yes		37	
62	Design	Evaluation of design	Validation	User tests	Technique	Yes		38	
63	Design	Design, implementation, documentation	Conceptual and detailed design, validation	Set of heuristics and guidelines for API usability	Guideline	Yes		39	
64	Design	Design	Conceptual and detailed design	Set of guidelines for web API design	Guideline	Yes			53
65	Design	Design	Conceptual and detailed design	Best practices for API design	Guideline	Yes			55
66	Design	Requirements, design, implementation	Conceptual and detailed design	Manual for API design	Guideline	Yes			56
67	Design	Design, implementation	Conceptual and detailed design	Best practices for RESTful web services	Guideline	Yes			57
68	Design	Design	Conceptual and detailed design	Guidelines to use when designing an API	Guideline	Yes			58
69	Design methodology	Design process		User centric design	Process			3	
70	Design methodology	Design process		Design process in terms of usability	Process			10	
71	Design methodology	Design process		Scientist-Centered Design (SCD)	Process			15	
72	Design methodology	Development and evaluation process		XP + CD	Process			21, 22, 26	
73	Design methodology	Design process		User-centric design process (no specific name)	Process				19
74	Design methodology	Methodology		Outside-in + contract-first methodology	Process				32
75	Design methodology	Methodology		Design-driven methodology	Process				46
76	Usability evaluation	Usability evaluation on API design		Usability evaluation throught think-aloud study	Evaluation technique	Yes		8	
77	Usability evaluation	Methodologies and studies for usability evaluation		User Studies and Methodologies (4 in total: Cognitive Dimensions, Reviews, Mathematical Approaches, Concept Maps)	Evaluation technique/ methodology	Yes		9	
78	Usability evaluation	Design and Documentation Evaluation		Evaluation conforming the proposed evaluation guidelines	Evaluation technique	Yes		14	
79	Usability evaluation	Design evaluation throught prototype		Usability study	Evaluation technique	Yes		18	
80	Usability evaluation	Usability evaluation		Cognitive Dimensions Framework	Evaluation technique	No	Does not have easy access to it	22, 40	
81	Usability evaluation	Usability evaluation		Clarke's dimensions	Evaluation technique	No	Does not have easy access to it	41	
82	Usability evaluation	Usability evaluation		Methodological approach for evaluating API usability	Evaluation approach	Yes		42	

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83	Documentation	Documentation		Documentation by "Technical writers"	Artifact	No	Documentation is not explicitly consider for this version of the guide	13	
84	Documentation	Not mentioned		Documentation: Getting started, API reference documentation, Tutorials, FAQ section, Landing page, Changelog, Terms of Service, Samples and Snippets, Code Samples, etc.	Artifact	No	Documentation is not explicitly consider for this version of the guide		23
85	Documentation	Not mentioned		Documentation: Reference documentation, workflows and tutorials	Artifact	No	Documentation is not explicitly consider for this version of the guide		52