Table. Scrum implementation degree in assessment in case studies EOne and ETwo.

#	Phases	#	Activity name in Mr. Scrum	Questions proposed in EvaScrum	Enterpri Activity	se One Phase	Enterpri Activity	ise Two Phase
			·	Do you identify and choose a person who is responsible for exercising as	value value	value	value	value
		1	Defining Scrum team.	a Product Owner? Do you identify and choose a person who is responsible for exercising as				
				a Scrum Master? Are the people responsible for exercising as development team identified	91,66		83,33	
				and chosen?				
				Is the Scrum team composed of a maximum of 9 people? Is there a meeting with the customer or a representative of the customer				
		2	Create the vision of the	to obtain the general description of the project? From the meeting held to obtain the general description of the project, is	100		83,33	
			project.	there an artefact containing the description generated?				
				Do you use a tool or strategy to identify the requirements at a high-level of abstraction?				
		3	Identify the requirements from the customer's point of	Is there a meeting with the customer or a representative of the customer, where a general description of the project requirements is made?	91,66		83,33	
		3	view.	Do the attendees at the requirements gathering meeting actively	71,00		65,55	
	o			participate in that meeting? Are the requirements obtained described in a wish list?				
1	ion Phase	4	Identify all interested (partners, sponsors, stakeholders) related to the	Is an analysis carried out to determine the end users, as well as all possible interested parties and their participation in the project?	100	89.6 (FA)		87.0
•				possible incressed parties and their participation in the project.			100	(FA)
			Project. Formalize the creation of the	Is a method (record, document, mail, etc.) used to start a project?				
		5	Project through a constitutive act of the project and budget.	Is a formal document presented where the project begins?	66,66		100	
			Prioritize the elements of the	Is the customer or a representative responsible for prioritizing the				
		6	wish list according to the needs of the customer.	requirements according to their need? Is the wish list organized according to customer priority?	100		83,33	
			Ensure that resources are	Is it verified that there are sufficient resources (economic, personal,				
		7	available for the proper	space) to carry out the project? Do members of the scrum team have timely access to the	83,33		83,33	
			functioning of the project.	information regarding the project?				
		8	Validation and / or reselection of the development tool.	Is the development team clear about what work tools are going to be used in the project?	83,33			
				Does everyone involved in the project have access to established work tools?			66,66	
				Does everyone involved in the project know how to use the				
			Detail the customer's wishes	established work tools? Are the requirements written at a high-level of abstraction?	83,33			
		9	and generate a list in the form of requirements that allow to have detailed information of what should be done in the project.	Do all Scrum team members have a clear understanding of the				
				requirements? Is the product backlog generated from the customer's requirements?			100	
				Is it verified that each requirement is sufficiently decomposed?				
		10	Define criteria that allow the Scrum team to know clearly and unanimously when an activity / task is ready or finished to be entered / updated in the sprint backlog (Definition of Ready (DoR) and Definition of Done (DoD)).	Is the ready criterion (DoR) generated?	66,66			
				Is it clear on the part of the team when a task is ready to be developed?				
				Is the done criterion (DoD) generated? Is it clear to the team when a task is finished and ready to be			83,33	
				integrated into the project (DoD)?				
		11	Evaluate and control the possible risks that may occur during a Sprint.	When starting a new sprint, are the risks that may arise throughout	100		100	
				the sprint evaluated? Do you have a guide, act or instrument that allows you to have a				
				route to lessen the risks that may arise along the sprint?				
			Analyse the changes that are received for each Sprint in	Is there a meeting to analyse and socialize the changes in the project?				
2		12	order to socialize and verify	Is the estimation of the changes made and how these affect the rest	100		100	
			requirements and other circumstances that are	of the tasks? Is the cost and impact of changes in the project socialized to senior		86.5 (FA)		88.3 (FA)
	, and		affected by change requests. Adapt and / or refine the	management or the Scrum team? If a change is necessary, is the respective adaptation made in the		(111)		(111)
	Planning		structure used in the project	project?	93,33		86,66	
		13	to adapt to changes that arise in the development of the					
			plan.	Are strategies established to maximize the product increase?				
		14	Define the objective of the sprint that will be carried out in such a way that it is related to the activities / tasks that will be developed in it.	Is a planning meeting held for each Sprint?				
				Does the Sprint have a duration that does not exceed 5 weeks? When starting a sprint, is the launch schedule for the current sprint				
				set?	73,33			
				Is the objective of the next sprint defined? Are the requirements explained in such a way that they are clear to				
				all team members? Is it possible for all team members to understand the goal of the			73,33	
				next sprint?				
				Is the ready (DoD) criterion verified for the tasks that will be included in the next sprint?				
				Do all Scrum team members know how long the next sprint will				
				last? Is the sprint backlog generated with the requirements to be				
				developed in the next Sprint?				

3	Implementation Phase	15	Obtain information about the events that occur in the team to resolve any impediment that affects the normal development of the project.	Is there a daily meeting that allows to know the events of the development team? Does the daily meeting last a maximum of 15 minutes? Is the team's work known for the next 24 hours? Are you looking to solve all the problems that are exposed in the daily meeting or its equivalent? Are the impediments recorded by the Scrum team recorded?	91,66		100	
		16	Develop the client's requirements.	Are designs of diagrams, databases or elements required by the project generated for each project? Does the increase take place according to customer needs? Is documentation of the process being carried out? Are sprint backlog elements updated? Do you have artefacts (kanban, boards, post it, etc.) or software	77,77	80.9 (LA)	55,55	76.3 (LA)
		17	Update the Scrum dashboard and the impediments log.	tools (taiga, trello, etc.) that allow the team to know the status of the project? Are the tools updated (Scrum board, post it, taiga, trello, etc.) that are used to know the work of the team? Is the impairment record updated? Is there a review meeting to review and verify the tasks performed	80,95		71,42	
4	Retrospective and review Phase	18	Review and verify with DoD criteria the tasks that have been completed in the sprint.	in the sprint? Does the Sprint review meeting have a duration that does not exceed 4 hours? At the end of a Sprint is the presentation of the tasks developed? When a Sprint is finished, is a functional review carried out verifying the Sprint objectives? Are the functionalities terminated in the sprint verified under the DoD criteria? Is a list generated with the functionalities that do not meet the DoD	66,66		55,55	
		19	Update the launch plan and the prioritized list of pending products.	criteria? Are the tasks that meet the criteria for completion (DoD) integrated into the rest of the product? When not all the tasks defined for the Sprint can be performed, is the product backlog updated with the tasks that have been pending? Is the product backlog prioritized with tasks that were not completed in the finished sprint? Is a report made justifying the rejection of activities that were not approved? At the end of a sprint, a feedback meeting is held to collect	86,66	78.1 (LA)	100	75.7 (LA)
		20	Sprint Retrospective. Post- mortem analysis of what has been done, learned, obstacles, improvement actions, lessons learned, among others.	experiences obtained by the Scrum team? Are problems that affect the equipment solved? Are facts and experiences obtained by the team documented during the sprint? According to the facts and experiences obtained by the team during sprint, is a proposal for improvement defined? Does the development team receive support from the Product Owner and the Scrum Master in the creation of the deliverables	100		100	
	Closure Phase	21	Help with the launch of the project: In this activity it is prepared what is necessary to release the final product.	agreed upon for the Sprint? Is a strategy defined (Customer training, server deployment, space adaptation, etc.) for the project launch?	100		100	
5		22	Implementation tests.	Are system tests performed in the environment for which it was designed?	100	100	100	95.8
,		23	Delivery of the product.	Is formal delivery of the finished product made to the customer?	100	(FA)	66,66	(FA)
		24	Launch meeting.	At the end of the project process, is a feedback meeting held to discuss lessons learned?	100		77,77	
6	Transverse Phase	25	Facilitate Scrum events as required or needed throughout the process.	Is there a person or group of people to whom you can go if you have any questions about the Scrum? Is there a person or people in charge of informing about the events, activities and artefacts that Scrum proposes? Do all Scrum team members actively participate in the events that Scrum contemplates?	83,33		83,33	
		26	Monitoring progress.	Is control of the activities carried out by the team throughout the project? Is the utility and need to comply with the Scrum guidelines clear to all Scrum team members?	100		100	
		27	Help to develop the team plan with the Scrum Master.	Is there a proposed work plan? Do team members and the Scrum Master contribute to the creation of the work plan?	91,66	89.0 (FA)	83,33	84.8 (LA)
		28	Ensure that there is an ideal environment for the Scrum team during Sprints.	Does the team have an environment and space conducive to develop the different activities it must face? Does the team manage to be motivated and deliver the maximum possible value to the customer?	100		83,33	
		29	Help the owner of the product in the creation of the prioritized list of outstanding products.	Does the product owner know how the product backlog should be ordered? Are the elements of the product backlog constantly reviewed avoiding obsolete items? Are you constantly interacting with the customer to agree on the delivery that best suits your needs? Degree of implementation of So	66,66 erum (<i>dS</i>)	87 (FA)	88,88	85 (LA)