

	Developers only		Multiple Scrum roles	
Priority	n _e confidence interval (0.584, 0.686)	f	n _e confidence interval (0.632, 0.726)	f
1.	0.850	C ₃ Automatic generation of summaries (e.g., key results, standard overview, etc.) of larger documents (e.g., technical documentation, standards, regulatory documents, etc.).	0.821	R ₂ Automatic identification of repetitive elements in the product backlog (user stories, epics, etc.).
2.	0.762	C ₂ Automatic generation of meeting minutes from meeting voice records or meeting transcripts (for meetings like retrospective, sprint review, daily stand-up, etc.).	0.780	C ₁ Automatic creation of “release notes” for users from user stories, change requests, code, etc.
3.	0.729	D ₃ Automatic validation of program code with the corresponding user stories to show that all requirements are covered.	0.770	R ₁ Automatic comparison of new requirements (including change requests) with the existing requirements.
4.	0.726	R ₄ Automatic checking of requirements quality (e.g., unambiguous, complete, consistent, etc.) to help customers and/or analysts specify requirements.	0.766	D ₃ Automatic validation of program code with the corresponding user stories to show that all requirements are covered.
5.	0.688	C ₄ Automatic preparation of instructions for new employees (e.g., the current status of work, summary and location of key documentation and standards, best practices, etc.).	0.757	C ₃ Automatic generation of summaries (e.g., key results, standard overview, etc.) of larger documents (e.g., technical documentation, standards, regulatory documents, etc.).
6.	0.684	C ₁ Automatic creation of “release notes” for users from user stories, change requests, code, etc	0.755	R ₄ Automatic checking of requirements quality (e.g., unambiguous, complete, consistent, etc.) to help customers and/or analysts specify requirements.
7.	0.674	R ₂ Automatic identification of repetitive elements in the product backlog (user stories, epics, etc.).	0.745	C ₂ Automatic generation of meeting minutes from meeting voice records or meeting transcripts (for meetings like retrospective, sprint review, daily stand-up, etc.).
8.	0.665	D ₅ Automatic generation of models (e.g., architectural models, data models, process models, etc.) based on textual description and other available information.	0.743	C ₄ Automatic preparation of instructions for new employees (e.g., the current status of work, summary and location of key documentation and standards, best practices, etc.).
9.	0.661	R ₁ Automatic comparison of new requirements (including change requests) with the existing requirements.	0.681	R ₅ Automatic analysis of the impact of a new user story on other parts of the project.
10.	0.639	D ₂ Automatic suggestion of the most effective next step in the development process based on available information regarding the project's current state (including project documentation,	0.659	D ₅ Automatic generation of models (e.g., architectural models, data models, process models, etc.) based on textual description and other available information.

		code, design models, etc.) tailored to a specific project team member.		
11.	0.627	D₁ Automatic generation of coding recommendations for new user stories based on existing user stories code.	0.654	D₁ Automatic generation of coding recommendations for new user stories based on existing user stories code.
12.	0.600	D₄ Automatic generation of implementable tasks based on user stories (in a case when user stories are too large).	0.636	S₂ Automatic estimation of the effort needed to complete a specific user story.
13.	0.576	R₅ Automatic analysis of the impact of a new user story on other parts of the project.	0.631	S₄ Automatic generation of Scrum improvement recommendations based on all available information (e.g., process tool logs, retrospective meeting minutes, etc.) that can, for instance, be used in sprint retrospective.
14.	0.549	S₄ Automatic generation of Scrum improvement recommendations based on all available information (e.g., process tool logs, retrospective meeting minutes, etc.) that can, for instance, be used in sprint retrospective.	0.625	D₄ Automatic generation of implementable tasks based on user stories (in a case when user stories are too large).
15.	0.530	R₃ Automatic generation of user stories based on natural language description.	0.606	R₃ Automatic generation of user stories based on natural language description.
16.	0.529	S₃ Automatic suggestion of priority for each user story based on descriptions of other user stories and, if available, additional information on general project priorities.	0.594	D₂ Automatic suggestion of the most effective next step in the development process based on available information regarding the project's current state (including project documentation, code, design models, etc.) tailored to a specific project team member.
17.	0.494	S₂ Automatic estimation of the effort needed to complete a specific user story.	0.531	S₃ Automatic suggestion of priority for each user story based on descriptions of other user stories and, if available, additional information on general project priorities.
18.	0.447	S₁ Automatic suggestion of the most suitable members for the Scrum team for a specific project.	0.475	S₁ Automatic suggestion of the most suitable members for the Scrum team for a specific project.

Note: Kano prioritization results according to the Scrum roles. Notes: f = feature, n_e = net satisfaction, confidence interval = 95%.