Risks Analysis

Risks	Impact (/5)	Probability (/5)	Solution	Responsable d'action	Risk ID
User adoption : If the user interface is not intuitive, it may not be used effectively	1	2	Conduct user testing and improve UI/UX design.	Louis Vernanchet	1
Unexpected cost	1	1	Detailed cost review with margins for unforeseen expenses and perform regular reviews	Louis Vernanchet	2
Malicious code injection into the app	4	3	Apply best security practices during development	Alexandre Catala	3
Attacks on the kernel module	5	4	Test the module	Lorenzo Matilla	4
User disables SuperNanny	2	2	Add warnings about the risks of deactivation, provide options to configure instead of deactivating	Tanguy Cailleaux	5
Problem during the app installation	4	2	Automate the installation process and provide clear logs in case of errors	Louis Vernanchet	6
Incorrect assignment of roles to users	3	2	Set up role management based on predefined models and integrate automatic verifications to validate attributions	Alexandre Catala	7
Error in the kernel module code	4	3	Set up unit and functional tests on the modules	Lorenzo Matilla	8
Reduced performance for running applications and/or the system (due to syscalls)	2	2	Optimize the code and perform regular load testing	Théo Pasqualini	9
Technical limitation due to the use of Landlock	3	3	Implement solutions to complement Landlock	Tanguy Cailleaux	10
SuperNanny, which is not usable on new Linux updates.	4	4	Focus on a single Linux version	Lorenzo Matilla	11
Load management on Kubernetes : Risk of high resource usage affecting performance in large deployments.	2	3	Use autoscalers and optimize pod configurations	Alexandre Catala	12
Sandbox escape	5	3	Reinforce isolation	Tanguy Cailleaux	13

Impact

Probability

	1 WEAK	2 MEDIUM	3 HIGH	4 VERY HIGH	5 CRITICAL
1 WEAK	2	1			
2 MEDIUM		5, 9	7	6	
3 HIGH		12	10	3, 8	13
4 VERY HIGH				11	4
5 CRITICAL					