

ICES4HU Risk List

Risk ID	Date Identified	Headline	Description	Type	Impact	Probability	Magnitude	Owner	Mitigation Strategy
1	4/13/2023	Key Person Dependency	The risk of a key person on the team falling ill or otherwise being unavailable, leading to delays or reduced productivity.	B	6	4%	24,0	Project Manager	Develop a clear succession plan and cross-train team members to ensure continuity in the event of an absence. Monitor team member health regularly and provide support and resources to maintain good health. Encourage team members to take sick days when needed to prevent the spread of illness
2	4/17/2023	Security Vulnerabilities in the System	There is a risk that the system may contain security vulnerabilities that could be exploited by malicious actors. This could result in unauthorized access to sensitive data or functionality, data breaches, or system downtime.	C	8	3%	24,0	Software Architect	Perform regular security audits and penetration testing to identify and address vulnerabilities. Implement strong access controls, including multi-factor authentication, to prevent unauthorized access. Keep software and systems up to date with the latest security patches and updates. Conduct employee training on security best practices and protocols. Have an incident response plan in place to mitigate the effects of a potential security breach
3	4/18/2023	Software Configuration Issues	There is a risk of configuration issues arising in the software that could lead to operational disruptions or errors. This could result in delays, customer complaints, or lost revenue.	B	7	5%	35,0	Project Manager	Implement robust configuration management processes to ensure consistency and accuracy in software configuration. Establish clear guidelines and standards for software configuration and ensure that team members follow them. Perform regular reviews of software configurations to identify and address issues proactively. Have a backup and recovery plan in place to minimize the impact of any configuration-related incidents.
4	4/22/2023	Testing Delays or Issues	There is a risk of testing delays or issues, which could lead to the release of a system with critical bugs or errors. This could result in customer dissatisfaction, lost revenue, or reputational damage.	B	8	8%	64,0	Software Tester	Develop a comprehensive testing plan that covers all aspects of system functionality and performance. Conduct regular testing throughout the development process to identify and address issues proactively. Use automated testing tools to increase efficiency and accuracy. Document testing results thoroughly and communicate them clearly to the development team. Have a backup plan in place to ensure testing can be completed on schedule.

Distribution of Tasks: Risk list written by Selahattin Can Ölçer. The whole team has checked the list.

5	4/24/2023	Performance Issues	There is a risk of performance issues arising in the system, which could lead to slow or unresponsive user interfaces or degraded system functionality. This could result in poor user adoption, low productivity, and reputational damage.	B	8	5%	40,0	Software Architect	Develop a clear performance testing plan that covers all aspects of system performance. Conduct regular performance testing throughout the development process to identify and address issues proactively. Optimize system architecture and design to ensure scalability and efficient resource utilization. Have a backup plan in place to minimize the impact of any performance-related incidents.
6	4/26/2023	Communication Breakdown	There is a risk of communication breakdown between team members, stakeholders, or third-party vendors. This could result in miscommunication, delays, and reduced productivity.	A	6	8%	48,0	Project Manager	Establish clear communication channels and protocols for all team members, stakeholders, and vendors. Use regular check-ins, status reports, and progress meetings to keep everyone informed of project status and issues. Encourage open and transparent communication and provide resources and support for team members to communicate effectively. Develop contingency plans in case of communication breakdowns.
7	4/29/2023	Conflict with team members	There is a risk that conflicts may arise between team members due to differences in personality, work style, or opinions. This could result in a decrease in team morale, decreased productivity, and increased turnover rates.	A	7	10%	70,0	Project Manager	Develop a team charter that outlines expectations for behavior, communication, and conflict resolution. Encourage open and transparent communication among team members and provide resources and support for conflict resolution. Facilitate team-building activities and training to promote collaboration and trust. Monitor team dynamics regularly and address any conflicts or issues promptly to prevent escalation.
8	5/1/2023	Resource Constraints	The risk of not having sufficient resources, including staff, equipment, or funding, to complete the project on time or to the required quality.	B	3	5%	25,0	Project Manager	Develop a resource management plan that identifies and allocates necessary resources for each project phase. Communicate resource constraints and requirements clearly to stakeholders, and consider outsourcing or additional funding options as needed. Monitor resource utilization regularly and adjust plans as necessary to avoid overallocation or burnout.
9	5/2/2023	Irresponsible Team Member	The risk of a team member failing to fulfill their assigned responsibilities, resulting in missed deadlines or lower-quality work.	B	6	15%	90,0	Software Configuration Manager	Clearly define team member roles and responsibilities and communicate them effectively. Provide adequate training and resources to ensure team members have the necessary skills to complete their tasks. Regularly monitor team member performance and provide feedback and support to address any issues. Establish consequences for failure to meet expectations, including potential removal from the project team.

10	5/3/2023	Requirements volatility	The risk of frequent changes in project requirements, leading to scope creep, delays, and increased costs.	A	8	60%	180,	Software Analyst	Establish a clear and concise requirements management process that includes a change control system to track and manage changes to requirements. Engage stakeholders regularly to ensure their needs are being met and identify any changes early. Conduct regular reviews of requirements to identify and address potential issues proactively.
----	----------	-------------------------	--	---	---	-----	------	------------------	---