

Risk Assessment

Technical Risks

ID	Name	Description	Impact	Likelihood	Risk Factor	Preventive Actions	Status	Status Date	Follow-up Date
R1	Minor challenges with new technologies	Limited time to learn various technologies	3	6	18	Training, experiment before development	Initial	25-11-2025	01-12-2025
R2	Major challenges with new technologies	Fundamental misuse of technology hindering project development	7	4	28	Training, experiment before development	Initial	25-11-2025	01-12-2025
R3	DevOps/Deployment issues	Network/configuration errors in infrastructure or CI/CD pipelines	4	6	24	Use Infrastructure-as-Code for quick redeployment	Initial	25-11-2025	01-12-2025
R4	Insufficient test coverage	Few or no automated tests, increasing risk of errors	9	7	63	Agree on TDD or code-first development	Initial	25-11-2025	01-12-2025
R1	Minor challenges with new technologies	Limited time to learn various technologies	3	5	15	Training and practical experience	Follow-up	01-12-2025	15-12-2025
R2	Major challenges with new technologies	Fundamental misuse of technology hindering project development	7	3	21	Training and practical experience	Follow-up	01-11-2025	15-12-2025
R3	DevOps/Deployment issues	Network/configuration errors in infrastructure or CI/CD pipelines	4	2	8	Improved documentation and automation	Follow-up	01-12-2025	15-12-2025
R4	Insufficient test coverage	Few or no automated tests, increasing risk of errors	9	4	36	Reconsider using TDD	Follow-up	01-12-2025	15-12-2025

Business Risks

ID	Name	Description	Impact	Likelihood	Risk Factor	Preventive Actions	Status	Status Date	Follow-up Date
R5	Scope creep	Project scope expands	7	2	14	Update backlog, add more sprints	Initial	25-11-2025	01-12-2025
R6	Developer illness	Illness during flu season	7	1	7	Hire more, enable remote work	Initial	25-11-2025	01-12-2025

ID	Name	Description	Impact	Likelihood	Risk Factor	Preventive Actions	Status	Status Date	Follow-up Date
R7	Wrong priorities	Focus on features with little business value (UI/UX)	3	5	15	Extreme programming, keep customer close	Initial	25-11-2025	01-12-2025
R8	Supervisor unavailable	Supervisor sick or overbooked	2	1	2	Updated Scrum board, detailed tasks	Initial	25-11-2025	01-12-2025
R9	Procrastination	Deadlines missed, work rushed or incomplete	7	3	21	Assign smaller, simpler tasks	Initial	25-11-2025	01-12-2025
R10	Revocation of Residence Permit	Risk that group members lose their legal right to stay due to residence permit withdrawal, reducing team size and continuity	7	4	16	Monitor immigration status regularly, provide legal support, maintain backup staffing plans	Initiate	02-12-2025	01-12-2025
R5	Scope creep	Project scope expands	7	1	7	Regular backlog reviews	Follow-up	01-12-2025	15-12-2025
R6	Developer illness	Illness during flu season	7	1	7	Cross-training team members	Follow-up	01-12-2025	15-12-2025
R7	Wrong priorities	Focus on features with little business value (UI/UX)	3	4	12	daily standup	Follow-up	01-12-2025	15-12-2025
R8	Supervisor unavailable	Supervisor sick or overbooked	2	1	2	Updated Scrum board, detailed tasks	Follow-up	01-12-2025	15-12-2025
R9	Procrastination	Deadlines missed, work rushed or incomplete	7	2	14	Implement time management techniques	Follow-up	01-12-2025	15-12-2025
R10	Revocation of Residence Permit	Risk that group members lose their legal right to stay due to residence permit withdrawal, reducing team size and continuity	7	3	21	Maintain regular communication	Follow-up	01-12-2025	15-12-2025

Delivery Risks

ID	Name	Description	Impact	Likelihood	Risk Factor	Preventive Actions	Status	Status Date	Follow-up Date
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ID	Name	Description	Impact	Likelihood	Risk Factor	Preventive Actions	Status	Status Date	Follow-up Date
R10	Poor time management	Process model/rituals not followed	10	7	70	Daily Scrum, enforce Scrum meetings	Initial	25-11-2025	01-12-2025
R11	Lack of feedback	No ongoing feedback from stakeholders	4	7	28	Seek stakeholders, schedule meetings	Initial	25-11-2025	01-12-2025
R12	Uneven progress	Irregular work, no plan for completion	9	6	54	Use burndown charts to track progress	Initial	25-11-2025	01-12-2025
R10	Poor time management	Process model/rituals not followed	10	5	50	Enforce Scrum meetings	Follow-up	01-12-2025	15-12-2025
R11	Lack of feedback	No ongoing feedback from stakeholders	4	5	20	Regular stakeholder meetings	Follow-up	01-12-2025	15-12-2025
R12	Uneven progress	Irregular work, no plan for completion	9	4	36	Improved sprint planning	Follow-up	01-12-2025	15-12-2025

Risk Matrix

