Risk Tables and Risk Matrices

Risk Table

This section identifies and evaluates potential risks that may impact the successful delivery of the Pet Name Generator project.

Each risk is assessed based on its probability of occurrence (1-5 scale) and potential impact on the project (1-5 scale). The Risk Factor is calculated by multiplying probability and impact, providing a quantitative measure to prioritize risk management efforts.

ID	Name	Description	Probability	Impact	Risk Factor
R001	Timeline	3 concurrent exams pressure deadline.	5	5	25
R002	Solo	Developing solo creates restraints in knowledge and execution.	3	4	12
R003	Scope creep	Plans evolve and scope changes and sometimes too much.	2	4	8
R004	Performance	Experience with performance testing limited	5	2	10
R005	Deployment	Testing in CI/CD failed last project.	3	3	9

Risk Mitigation Table

This section outlines the specific mitigation strategies for each identified risk, including assigned responsibility, tracking dates, and current status. Each mitigation action is designed to reduce either the probability or impact of the associated risk. Regular follow-up dates ensure continuous monitoring and allow for timely adjustments to mitigation strategies as the project progresses.

ID	Mitigation	Responsible	Status date	Follow-up date	Status
R001	Schedule time off work and book weekends 14 days prior to the deadline.	Steffen Grøn Andersen	26/11/2025	03/12/2025	Behind work. Will need to intensify.
R002	Keep scope small and focus on demonstrating knowledge of techniques.	Steffen Grøn Andersen	05/12/2025	04/12/2025	Scope too small. Misunderstood Faker as an API. Have to find new API.
R003	Be prepared not to cover the whole curriculum.	Steffen Grøn Andersen	05/12/2025	08/12/2025	Did not become an issue.
R004	Book short introductions with co-students to gain understanding.	Steffen Grøn Andersen	05/12/2025	08/12/2025	Jmeter did not cause trouble. Mitigation not necessary.
R005	Book short introductions with co-students to gain understanding.	Steffen Grøn Andersen	05/12/2025	08/12/2025	CI/CD worked fine. Mitigation not necessary.

Risk Matrice

This section provides a visual representation of all identified risks plotted according to their probability and impact ratings.

		Impact				
		1	2	3	4	5
Probability	5		R004			R001
	4					
	3			R005	R002	
	2				R003	
	1					