

Risk Matrix for QA Project 1 -  
Employee Management  
Application

Key: Number in matrix  
= Severity Level

		Impact				
		Negligable	Minor	Moderate	Significant	Severe
Likelihood	Very Likely	5	10	15	20	25
	Likely	4	9	14	19	24
	Possible	3	8	13	18	23
	Unlikely	2	7	12	17	22
	Very Unlikely	1	6	11	16	21

Risk Number	Risk Description	Statement	Response	Impact	Likelihood	Severity
1	Procrastination	In the past I have been prone to wasting time due to procrastination. Hence there may be times of procrastination during this project	I will correctly manage my time to a schedule and build a habit of coding	Minor	Likely	4
2	Having to deal with taking care of my kids while my partner had covid need to self isolate	likely to significantly disrupt my concentration, but could cause mental fatigue which may impact the quality of the project.	I should follow the guidelines given out by the government and socially distance where ever possible.	Severe	Likely	13
3	Trip and break my arm - Very unlikely,			Severe	Very Unlikely	21

	I would be quite impaired and would have to do this project one-handed, which is possible.					
4	System failed for a 2days and unable to learn about Java, Jira, MySQL. Would seriously impair my learning and would probably			Significant	Very Unlikely	16
5	Hardware issues resulting in loss of data	Though this is unlikely as the technology I have is up to date, it is definitely not impossible for my hardware to have a major fault.	I will make sure not to download anything suspicious and turn my computer off to avoid battery life drainage.	Significant	Unlikely	17
6	Not understanding concepts	This is in the case where I do not understand what to do within the project	Be proactive, always try and learn the content. Use all the time available on the internet.	Minor	Very Unlikely	6
7	Anxiety	This is a big first leap for a person from a non-programming background, and feeling overwhelmed can be a possibility	Ensure to talk through any issues you have with the trainers. This way you can clear your head and understand the steps that you need to take next on this project.	Minor	Very Likely	10
8	Frontend and Backend Not Linked Properly	For this project, we need to ensure that our frontend and backend	Start working on the Backend first, using Postman to test the link	Moderate	Possible	13

		are linked through fetch requests.	before implementing. Implement with caution.			
9	"Order-Line" is Not established	Last Project, I discovered that an Order-line was needed to ensure the project is more	This time, The Entity Relationship Diagram needs more focus. Once I complete this Risk Matrix it shall be my priority to create a it before any code is typed.	Significant	Possible	18
10	Not Understanding the Technologies	In this instance, many technologies have been presented. I need to ensure I have a good understanding otherwise I may break a piece of my code unknowingly	Take my time to research. Use the lectures and QA-Community to fully understand what is needed of us.	Minor	Possible	8
11	Design is not "Clean" and "Sanitised"	We need to make sure that userabilty and functionality is of a good quality. This is to ensure that the product is user ready	Take time to set up the project. Don't rush into anything and ensure you understand the process	Severe	Possible	23
12	Git doesn't link to Github	Problem I received last project. I was unable to upload my changes.	Ensure that I am logged in properly and do not change accounts as this can lead to a catastrophic error	Severe	Unlikely	22