

Risk Assessment - Hotel Project:

Description	Evaluation	Likelihood%	Impact(1 - 5)	Responsibility	Response	Control Measure
Illness	Potentially fail the project.	5% Due to rising level of covid cases in area.	5 Illness will lead to the sole developer (myself) being unable to work impacting progress, potentially resulting in a failed project.	N/A	N/A	Avoid contact and public places to a minimum during the week project period.
Loss of internet connection.	Time would be lost.	0.5 % Highly unlikely, due to stability of network connection and account setup with a network provider. Work is still possible due to the ability to work offline locally.	2 .	Mine & Network Provider I need to adhere to my network account contract as the sole developer; and my Network Provider, responsible for ensuring Network uptime.	Use extensive offline notes and the back up option of mobile smartphone internet browsing	Ensure network accounts remain active.
Hardware Failure	Time would be lost	0.5%	5 Inability to work until hard-drive /	Mine Keeping my hardware	Locate a new computer / hardware to use, and restart,	Keeping machine cool enough and properly

			<p>GitHub and the necessary software can be accessed, recovery in terms of time, progress and resources lost.</p> <p>Hardware failure of main machine intended for coding and hosting of local network.</p>	functioning correctly is my responsibility.	using GitHub repo for lost progress.	updated. Ensuring risk such as spillage of liquids is minimized.
Skill resource - lacking capabilities of developers.	Needs more time allocated.	<p>5%</p> <p>This is unlikely due to the coverage of topics through lessons and the code for my previous spring project being accessible through GitHub, as well as access to QA training material and QA GitHub material.</p>	<p>3</p> <p>This will slow progress due.</p>	<p>Mine</p> <p>My responsibility as the sole developer is to ensure I am both able to recall processes and syntax, but am able to problem solve and overcome issues faced.</p>	Either back track through notes, google solutions, or even request help from trainer.	Notes taken and practice, conducted prior to project.
Scope Creep	Needs more time allocated.	5%	3	Developers	Resort back to MVP goals	Limit resource allocation for

		Unlikely, the deliverables checklist provided from QA is assumed to be final; the risk of scope creep comes from the potential for Stretch Goals to cause scope creep.	This would result in potentially increased resource allocation, which could effect progress for the MVP.	As the sole developer, it is my responsibility not to pursue stretch goals at the cost of MVP goals.	when time allocated becomes unfeasible.	stretch goals till all other functionality is completed.
Code issues	Needs more time allocated	20% Unlikely as best practice has been covered in training prior to project; however it is possible that in the heat of the moment, principles or best practice could be overlooked / forgotten when coding.	3 Resulting in progress delays, errors and bugs would halt progress and require additional resources for problem solving.	Developers As the sole developer, it is my responsibility.	Either back track through notes, google solutions, or even request help from trainer.	Aim to enact best practice and principles when coding.
Improper project management	Time would be lost	60% Despite usings planning tools	2 Would make meeting	Project Manager As the sole project	Regroup and plan ahead accordingly.	Based on experience, fully plan implementation

		such as JIRA for planning and resource requirement predictions, there is the potential that resources are underestimated when allocating resources.	deadlines difficult if progress is not made as planned; as more resources would be required than planned.	manager, it is my responsibility.		to the best of my knowledge and memory, with the allocation for potential confusion and mistakes of less familiar areas.
Missed deliverable	Potentially fail the project.	10% Progress being slowed to the degree where a deliverable is unlikely given the time frame and spec.	5 Would result in a fail if the MVP isn't delivered..	Mine As the sole developer / project manager, it is my responsibility.	N/A - end of time frame	Thorough reading and planning of spec deliverables