

Risk	Description	Risk Rating	Actions	Time cost
Hardware Failure	Time could be lost due to a hardware failure. For example, a hard drive being corrupted may lose the current unsaved work.	5C	Consistent backups. Utilising the GitHub repository to maintain versions.	Ranging from <1 hour to a day.
Covid-19	Time could be lost due to being incapacitated by Covid-19.	3B	Adhere to government policies and social distancing guidelines.	Ranging from 0 to 7 days.
Insufficient time to perform proper testing	If there are unexpected issues within the development of the project, this may reduce the amount of time allocated for testing.	2C	Maintain and consider the time per task throughout the entire development process. Making sure to apply AGILE development methodology throughout.	
GitHub server failure	If the online repository was rendered unusable.	1A		Potentially large.
Interacting with new technologies	If the technologies or techniques used are unfamiliar. This may expand the expected amount of time to complete tasks	3C	Consider the actions that will be required throughout the development. Paying close attention to the more complex areas.	Varying throughout the development process.
First time project management	The development process may not be as accurate as it could be, due to this being the first time managing a project with an agile methodology	3C	Consider the actions that will be required throughout the development. Paying close attention to the more complex areas.	Varying throughout the development process.
Incorrect pre-coding design	Basing the code of the design	1A	Consider the actions that will	Varying throughout the

	requires the design to be correct. It is a possibility that using it as a guideline results in an incorrect program		be required throughout the development. Paying close attention to the more complex areas.	development process.
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RISK PROBABILITY	RISK SEVERITY				
	CATASTROPHIC A	HAZARDOUS B	MAJOR C	MINOR D	NEGLIGIBLE E
HIGHLY LIKELY ₅	5A	5B	5C	5D	5E
PROBABLY LIKELY ₄	4A	4B	4C	4D	4E
LIKELY ₃	3A	3B	3C	3D	3E
LESS LIKELY ₂	2A	2B	2C	2D	2E
UNLIKELY ₁	1A	1B	1C	1D	1E