

IMS Project Risk Assessment

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Key:

Likelihood:

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Impact

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Risk level

Low	Moderate	High	Extreme
(1-5)	(6-10)	(11-15)	(16-25)

Risk	Description	Impact	Response Strategy	Forecasted Likelihood [1-5]	Forecasted Numerical Impact [1-5]	Forecasted Risk Level (Likelihood*Impact) [1-25]	Actual Likelihood [1-5]	Actual Numerical Impact [1-5]	Actual Risk Level (Likelihood*Impact) [1-25]
Insufficient time	Not managing time effectively leading to spending too much time on particular areas while neglecting others.	Project not being fully complete to the requirements within the given timeframe.	Plan daily/weekly sprints and assign time estimates to each sprint	3	5	15	1	1	1
Insufficient technical knowledge	Technology not covered at university	Project being completed to a suboptimal standard	Read through notes on QA Community. Ask trainers for help. Use Google to find solutions.	2	3	6	4	4	16
MySQL problems	Being unable to link tables together due to MySQL not supporting many-to-many relationships	Project will not function.	Construct an ERD diagram before creating tables/relationships to identify many-to-many relationships. Create intermediary tables to handle this.	4	5	20	4	1	4
COVID-19	Due to surging cases of COVID-19, myself or a family member could fall ill. This could result in myself needing to take time out.	Project will not be delivered on time.	I will ensure that I stay safe and minimise contact with members outside of my household. This will reduce the chances of me falling ill.	1	5	5	2	1	2

Not utilising Version control	Irreversible mistake is made or a file is deleted by mistake.	Valuable time wasted trying to recreate a file which could lead to project not being delivered on time.	I will make regular commits to my GitHub repository and utilise main-dev-feature branches. Rollbacks will then provide an invaluable time-saving safety net.	5	4	20	5	5	25
Concentration	Unable to concentrate due to neighbours carrying out building work.	Project being completed to a suboptimal standard.	Invest in a pair of noise-cancelling headphones. This will allow me to focus and be productive.	5	2	10	3	1	3
Insufficient testing	Application will be prone to errors/bugs.	Application will not function reliably.	Allocate time to ensure thorough testing is executed. Ensure a high test coverage (>80%) is achieved.	2	3	6	2	2	4