

IMS Project Risk Assessment

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Key

Likelihood

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Impact

Negligible	Minor	Moderate	Major	Extreme
1	2	3	4	5

Risk Rating

Low	Moderate	High	Extreme
1-3	4-8	9-12	14-25

ID	Risk Description	Cause	Effect	Likelihood (1-5)	Impact (1 – 5)	Risk Rating (1-25)	Action
1	Running out of time	Inappropriate time management from planning	Project not fully completed with requirements not met, or badly implemented	4	5	20	Plan daily/weekly sprints with allocated tasks to be completed
2	Knowledge of technologies insufficient	Technology not covered at University	Project not fully completed with requirements not met	2	4	8	Refer to notes, ask for help, or search for a potential solution
3	Problems with Database	Database relationships incorrect or being unable to connect to database server	No real / working end project	3	5	15	Consult with peers or trainer, make sure there are no many-to-many relationships. Attempt to connect to a database at the start of development.
4	Version control not utilised correctly	Not using main-dev-feature	Rollbacks may not be useful and	1	2	2	Create a Git repo with the three main

		branches in Git and not pushing regularly	the code may not be backed up properly				branches. Before working, check that the correct branch is checked out. Push after each session.
5	Defective program	Not enough testing	Program may not work as expected	4	4	16	Allocate time to ensure a high coverage percentage for the tests.
6	Technical issues with PC	Computer Hard Drive corruption, no internet or local power cut	Unable to work on project, resulting in no / incomplete project	1	5	5	Push to Git regularly and resume work on laptop. Ensure local documentation is also backed up.