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

Rating

Low	Moderate	High	Extreme
1-6	7-13	14-18	19-25

ID	Risk Description	Cause	Effect	Likelihood (1-5)	Impact (1-5)	Risk Rating (1-25)	Action
1	Running out of time	Bad time management	Project not fully completed, requirements are not met or missing features	5	5	23	Daily planning, check outstanding tasks and plan what to do.
2	Insufficient knowledge on technology	Technology not covered during training	Requirements not being met due to features not being implemented	3	4	12	Check back on recordings, notes and ask trainer for help.
3	PC Issues	Internet Issues, Hardware fails	Unable to work on project which results in having an incomplete or lost project	2	3	5	Regular backup on Git, Use Mobile Data (if applicable) if internet issues occur
4	Database Problems	Incorrect data relationship	Cannot test project since it relies on the database	2	5	15	Ensure there is no many to many relationship and if problems occur consult with trainer or peers

5	Version Control not utilized correctly	Incorrect use of Git, no branches for features/testing or lack of pushing	No backups, cannot rollback when an error occurs	2	2	3	Always work on a new branch when implementing a new feature, regular push after each feature/functionality
6	Program not running properly	Not enough testing	Not meeting requirements, program not working as intended	4	4	20	At least 80% coverage in the testing phase.