

Risk assessment and mitigation

Group 7

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The risk management process started with us going through all individual requirements and identifying the risks associated with them, assessing the severity of the risks, as well as the likelihood of the risks occurring. We have also discussed how to mitigate said risks. We have a likelihood scale of 1-5 where 5 is the most likely and 1 being the least likely, and have applied the same 1-5 scale with the severity of risks

ID	Description	Likelihood	Severity	Mitigation
R1	Team member becomes unavailable	2	4	Make sure to stay in contact with all members of the team and keep track of attendance at meetings. No one member of the team should be the only one who can do a specific task to avoid the situation causing excess issues.
R2	Git repository gets deleted	1	3	A local copy of the code base will be stored on each team members pc.
R3	Code is pushed to the git repository that theoretically "breaks" it	3	2	The code can be rolled back to a previous working version.
R4	Serious disagreement between team members	2	4	Have another member of the team act as a mediator in order to try and resolve the disagreement in a calm and collected way that results in the team being able to move forward with the project,
R5	Unable to solve a bug in the program.	3	4	Use the backup code and try to take a different approach to what was being implemented initially. Also get team member's opinions on potential solutions and fixes.