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Likelihood

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Impact

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

Risk Rating

Low	Moderate	High	Extreme
1-3	4-8	9-13	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 with the Kanban Board	Project would not be fully completed and may not meet the needs of the MVP	3	5	19	Plan daily and weekly sprints with allocated time for each task accordingly
2	Version Control not used effectively	Not using all of the feature branches and pushing everything primarily to main/master	Rollbacks would not be useful and it would be hard to keep track of all of the commits	2	4	10	Consistently push to Git regularly to avoid this
3	Technical Issues with PC	Internet outages, power cuts, data corruption	Unable to work on project and keep a steady flow of work which may result in an incomplete project	4	5	23	Ensure documents are backed up to the cloud and make full

							use of version control
4	Defective Program	Back End and Front End not working simultaneously	Project not meeting minimum viable product	3	4	24	Ensure testing is done to a good level
5	Errors with Front End	Buttons not linking with the back end correctly	Project would mainly be back end only	4	5	17	Try different methods out to see which causes least errors
6	Errors with Back End	No CRUD functionality on back end	Marked down for no CRUD functionality	3	5	13	Use Swagger and Postman to ensure the back end works
7	Cardinality of ERD and UML diagrams	Wrong relationships in database	May cause issues in Spring with various relationship annotations	3	4	10	Review Cardinality on QA Community