

# QA IMS PROJECT RISK ASSESSMENT

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	Negligible	Minor	Major	Hazardous	Catastrophic
Very Unlikely	Low	Low	Low medium	Medium	Medium
Unlikely	Low	Low Medium	Low medium	Medium	Medium High
Moderate	Low	Low Medium	Medium	Medium High	Medium High
Likely	Low	Low medium	Medium	Medium high	High
Very Likely	Low medium	Medium	Medium high	High	High

## Risk Assessment

ID	Description	Evaluation	Response	Likelihood	Impact level	Risk level	Control measures	Date added	Date updated
1	Can't complete project by deadline.	Application will not be fully functional (some functionality may be missing) so specification not fulfilled.	Inform assigned trainer + marker (Jordan) that project is incomplete and discuss potential options	Unlikely	Major		Create detailed and structured plan in JIRA. Use MoSCoW framework for setting MVP and prioritisation to reach MVP.	22/08/2022	
2	Technical issues with any of tech stack	Cause delays in completion of project (could result in risk 1). May lead to loss of work - would have to redo parts.	Inform assigned trainer to get help if cannot resolve problem myself.	Moderate	Major		Ensure regularly pushing changes/edits to git so all work is saved and backed-up. Don't try to run to many different applications at once - reduce likelihood of one crashing.	22/08/2022	

3	Lack of knowledge to complete task/user story.	Application will be missing functionality - may not run successfully.	First check my notes and QA community as answer likely to be there. If not ask trainer for help.	Moderate	Minor		Before starting a task/user story, read over notes on concepts involved to make sure I remember what is involved/needed to complete that task/US.	22/08/2022	
4	Exceptions not all handled	Flow of application will be impacted - potential termination	Execute exception handling procedure (try-catch-finally) to prevent exception from occurring again.	Moderate	Major		Plan out code before writing - think about what checked exceptions could occur i.e. SQLException whenever dealing with SQL.	22/08/2022	
5	Messed up with branching in git - some kind of data loss/failed merge etc.	Some functionality may go missing/overwritten	Checkout other branches	Unlikely// UPDATED: Moderate	Minor		Don't't immediately delete branches - keep a version of that code safe so could just implement differences on the develop branch. //UPDATED: it happened - code was found again - easy to resolve	23/08/2022	24/08/2022
6	Testing not thorough enough/insufficient testing - errors/bugs still present in MVP	Appication may terminate/not run correctly. MVP not reached = bad mark in project.	Run more tests on section of code not working.	Unlikely	Major		Ensure all code on MVP is tested to the industry standard of 80% coverage before adding any additional functionality//UPDATE: 80% unlikely to be reach - new aim of 60% - testing all domain, DAO and controller classes.	24/08/2022	25/08/2022
7	Errors left in code (not related to MVP)	Certain functionality will not work.	Ensure comments are left where this is the case to make marker aware.	Very likely	Minor		Regularly run code so are aware of where errors/missing functionality so can make marker aware.	24/08/2022	