

Hobby Web App Project Risk Assessment

Key

Likelihood

Extremely Unlikely	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
1-4	6-12	12-18	19-25

ID	Description	Cause	Effect	Likelihood	Impact	Risk Rating	Action
1	Not Meeting Deadline	Bad/Naïve time management	Project requirements not met to the required standard	4	5	20	Regularly check progress regarding overall project to ensure I'm on track to meet deadline
2	Lack of knowledge on required technology	New area of development that I haven't encountered before	Inability to meet specific requirement(s) due to being unable to progress	2	5	10	Research area online, ask tutor or colleague to assist
3	PC Issues	Hardware fails/breaks, power cuts, internet issues	Loss of local copies of project and/or inability to work on project	1	5	5	Keep regular project backups with Git. If PC dies, have laptop available or contact QA to get one
4	Improper Backups/Bad version control	Git not used correctly with lack of branching and pushing	Unable to access backups when needed, can't roll back version when errors occur	2	2	4	Always work on separate branches rather than the dev branch, always push after each sprint/at the end of the day

5	Program does not run correctly	Insufficient testing	Requirements may not be met/unable to showcase areas of code	3	4	12	Get project to a high level of coverage in the testing phase
6	Spring App does not load as expected	Error in implementation either in tags or adding dependencies	Can't run program and test functionality	2	5	10	Check dependency is correct, and all tags are used in the correct place and manner
7	Fetch requests return 400 or 500 errors	Error in function declarations and logic	Project does not meet requirements	3	5	15	Use consistent naming convention to ensure system is cohesive down the chain of objects