

Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measure	Initials
Loss of work due to laptop issues	Possibility of losing current work if there is an issue with your laptop or it loses power etc or has a fault.	Moderate to Low	Medium – dependent upon when progress was last saved	Person carrying out work	Try to recover progress lost. Save current progress. Recomplete work if progress can't be recovered	Regular commits and pushes to GitHub. Regular saving locally. Keep device away from potential hazards. Take care of health of device and fix issues as they arise.	MW
Security concerns on GitHub repository	Someone may access our public GitHub repository and maliciously modify or delete our work	Moderate	High	Scrum master / Repo owner	Find rollback points to jump back to or redo lost work if it can't be recovered	Ensure no one other than the team can modify anything in the repo. Other people, the end client, can view the repository but should not be able to modify it. This can be done in the repository settings. Additionally, backups could be made to ensure that if this were to happen, damage can be minimal	OK
Project not completed by the deadline	Some of the required functionality of the application is not met	Moderate	High	The team	Receive a lower mark, indicative of the state of the project at the deadline. Complete any	Make a Kanban board on Jira to help manage and prioritise our workflow. Make a schedule to organise time	EB

					missing work after the deadline	allocation. Focus on producing the MVP before working on lower priority tasks. Ask for help if we are stuck on a task	
Poor management / organisation	Tasks may flood the team and overwhelm them. Deadlines for individual tasks could be left unmet if the management of tasks is not followed.	Low	High	The team	Have a meeting to discuss the current progress, what needs to be done and how it can be done by the deadline	Use Jira to manage and organise the team, who does what tasks, how long the tasks take and their deadline	OK
The code has errors and will not run as intended	The application does not provide the required functionality as it crashes or does not behave as expected	High	High	The team	Fix the faults in our code and attempt to handle any errors that may occur	Carry out extensive front and back-end testing on the code, including both unit and integration tests. Make sure back-end coverage is at least 80%	EB
DB connection fails	With using a cloud hosted database there is potential for servers to go down or have a fault in our network that means we can't connect to the DB	Low	high	The team / cloud provider	Try to reconnect to DB, switch to a backup DB, fix network issues if it is on our end	Have a backup DB/set of data that is stored locally on a team members device that can be switched to if we cannot connect to the cloud DB	MW
Virtual Machine goes down	When using a cloud hosted virtual machine there is potential for the VM to go	Medium	Low – As long as you have regularly pushed your changes	Person carrying out work / cloud provider	Recomplete work that you've lost	Push your changes to the remote repo as regularly as possible so that it can be pulled	SH

	down, causing anything on your local repo which hasn't been pushed to be lost					back down from github in the event the virtual machine fails	
Loss of access to the Git Repo due to credentials being lost or forgotten	With the main branch protected, if the product owner was unavailable or lost access to their github account then we would not be able to deploy our code to main.	Low	Medium	Product owner / the team	Deploy our code to dev so we can still demo it, and try and migrate code to a new repo if time	Assign the repo to an organisation we have created so that multiple people can approve code being pushed to main	SH