

## Risk Matrix

		Impact				
		Negligible	Minor	Moderate	Major	Catastrophic
Likelihood	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

## Risks

Risk	Evaluation	Unmitigated Response	Likelihood	Impact	Risk Level	Control Measures
RSI	Repetitive Strain Injury in wrist from excessive typing	Spend time waiting for wrists to heal which means time lost working on project	Very Unlikely	Minor	LOW	Regular breaks from typing to rest wrists and prevent RSI
Branch merging error	Incorrect branching workflow could lead to merge conflicts when merging	Revert to previous versions or reset commits to fix - could lose coding or files	Likely	Minor	LOW-MEDIUM	Follow correct branching workflow - merge feature branches to dev before opening new branch
Computer malfunction	Computer not responding or switching on means it can't be used for work	Unable to use computer for project - all unsaved work could be lost	Unlikely	Catastrophic	MEDIUM-HIGH	Monitor computer health and regularly save back-ups.
Broken version deployed	Packaged application may have bugs or missing requirements	Revert production back to most stable/ last working version	Moderate	Major	MEDIUM-HIGH	Automate tests before any deployment. Only merge working code to master branch
Poor Internet connection	Online resources such as GitHub or QA-community become unavailable	Temporarily spend time worrying and waiting for internet to stabilise	Unlikely	Minor	LOW-MEDIUM	Acceptance - unable to use new network provider. Wait for weak signal to strengthen
Physical injury	Dangling/unsecure wires/ equipment could cause injury	Incapable of working on project due to serious accidental injury	Very Unlikely	Catastrophic	MEDIUM	Keep workstation organised
GitHub servers down	Unable to access remote repository to push or pull code/files	Waste time waiting for server to become available so that code can be accessed and worked on	Unlikely	Major	MEDIUM	Make sure local repo is always up to date with GitHub repo so work can continue and be pushed when servers become available
Natural disaster	Flood or earthquake damaging home, person and computer	Unable to work at all, due to unstable living conditions	Very Unlikely	Catastrophic	MEDIUM	Acceptance. Unable to control Nature