Risk Assessment

Risk Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measures
Injury/ illness	Strain related issues, or contracting an illness such as a flu/ covid	Low	Medium	Developers	Manage pain/ strain or if severe seek medical attention	Take breaks and stretch at regular intervals
Hardware issues	Non-functioning computer/ peripherals	Low	Medium	Developers	Repair/ replace broken hardware	Set up hardware correctly and request hardware if necessary
Network issues	Unable to connect to the internet	Low	Low	Developers/ service providers	Contact service provider for solutions	Use a fast and reliable service provider and have a backup location to work from if needed
Install issues	Failure to install and launch the necessary applications	Low	High	Developers	Look for instructions/ attempt to install different versions or fix environment variables	Contact IT department for technical issues
Integration failure	Failure to establish connection between services- MySQL -> Eclipse	Medium	High	Developers	Check the port and URL match, fix time zone issues, if all	Follow the correct steps as per instructions

					fails use a local copy	
Halted progress	Unable to find solutions to add features	Medium	Medium	Developers	Ask trainers/ peers for assistance	Do the appropriate research and
Loss of files	Possible file corruption or mismanagement	Low	Low	Developers	Attempt to recover or clone the latest version from GitHub	Organise folders well and have backups
Unresolved errors	Issues with writing code making it incapable of running	Medium	Low	Developers	Follow the error messages, identify the issues, and attempt to resolve	Use the debugger on eclipse
Version control issues	Issues pushing to GitHub or when merging	Medium	Medium	Developers/ service providers	Adapt code to merge correctly and use FBM and pull requests for proper version control	Follow good practise throughout the project
Testing issues	Failure to test or low coverage	High	High	Developers	Resolve failed cases and add more cases to increase coverage	Add cases where appropriate or ask for assistance from trainers

Risk Matrix

Impact

	Low	Medium	High
High	Low	Medium	High
Medium	Low	Medium	Medium
Low	Low	Low	Low

Probability