

Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measures
Method doesn't produce desired result	Back-end won't function correctly	High	Medium	Developer	Refactor method	Create and implement unit and integration tests
Mocha and Chai tests fail	Software may not be functioning correctly	Medium	Medium	Developer	See if failure is due to test code or a fault in the program and correct accordingly.	Write test code correctly and test functionality of new features as they're implemented, to ensure issues are caught quickly.
Jest can't reproduce desired behaviour	Test won't be able to replicate end-user interaction	Medium	Low	Developer	Try to research a solution, otherwise perform the test manually.	
More time spent than planned on tasks	May need to use time allocated for other tasks	Medium	Medium	Developer	Less time spent on other tasks if appropriate	Ensure the project plan is as accurate as possible and manage time properly so that problems with one task don't affect others.
Connection issues with GCP	The program would fail to connect to the DB.	Medium	Medium	Developer	Add support for local MySQL instance	Add support for local MySQL instance
Stuck finding a solution to a problem	Time would be lost	Medium	Low	Developer	Seek help from within the team and if still stuck ask a trainer	Keep on top of course content, complete exercises and practise regularly. Read into anything else that may be useful in the project.
Misunderstood requirement	Refactor would be needed	Low	High	Developer	Refactor to correct any mistakes	Thouroughly read the spec and check frequently to stay on task.
Missed deliverable	Marks would be lost	Low	High	Developer	Attempt to hand in deliverable ASAP	Thouroughly read the spec and check frequently to stay on task.
Can't achieve 80% test coverage	Marks would be lost	Low	Medium	Developer	Seek help from trainers to improve tests	Research Mocha, Chai and Istanbul
Failure to deliver on time	Potentially fail the project	Low	High	Developer		Ensure the project plan is as accurate as possible and accounts for appropriate risks.
Developer becomes unwell	Project would be delayed	Low	High	N/A	Ask for an extension	
Web page doesn't load correctly	User won't be able to interact with back-end	Low	High	Developer	Investigate and refactor code	
Local repository becoming corrupted	All changes made to the local repository will be lost	Low	High	Developer	Pull down the latest commit from GitHub	Regularly push changes to GitHub