

Description	Evaluation	Likelihood	Impact Level	Responsibility	Response	Control Measures
Unplanned tasks that need to be done	Time would need to be made for the tasks	High	Medium	Developer	Find a time to complete the tasks	Ensure the project plan is as accurate as possible
Erroneous user input	Flow will be interrupted by exceptions	High	High	Developer	Refactor methods that take user input	Loop on input until correct value given
Deleting foreign key dependencies	SQL exception will be thrown	High	High	Developer	Refactor SQL queries.	Add "on cascade delete" where appropriate
Static/Singleton dependencies can't be mocked	Unit tests would have undesirable coverage	High	Low	Developer	Refactor to use dependency injection	Refactor to use dependency injection
Method doesn't produce desired result	Null or incorrect input to the database	High	Medium	Developer	Refactor method	Create and implement unit tests
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 trainers	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 unit testing, junit and mockito.
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	