

## Risk Register 1 - Initial Scores & Actions

Ref	Risk Description	Cause	Risk Event	Likelihood (1-5)	Impact (1-5)	Risk Rating	Action
1	Lack of time	Improper time management	Not completing project in time	3	4	12	Plan daily tasks using Jira as a reference to follow objectives
2	Lack of experience	Not yet fully adept in Java/SQL	Not completing project in time	2	5	10	Take notes, ask questions, read outside class, complete exercises, ask fellow cohort members for advice
3	Technical Disruption	Faulty internet, issues with Microsoft Teams etc.	Infrastructure strains, unstable internet due to bandwidth issues	2	4	8	Keep trainers updated if issues occur in order to remedy them or work on alternatives ASAP. Only use internet when necessary
4	Self Management	Overworking and mental fatigue	Not being able to complete the course due to mental fatigue or burnout.	2	4	8	Use SMART objectives to be efficient and not overwork, take regular breaks away from the computer, physical activity, seek help as necessary
5	Unreliable Tests	Not testing enough	Application is difficult to maintain	3	4	12	Asking for help when stuck with tasks, set aside days to complete these.

### Key

#### Likelihood

Rare	Unlikely	Possible	Likely	Certain
1	2	3	4	5

#### Impact

Negligible	Minor	Moderate	Major	Extreme
1	2	3	4	5

#### Risk rating (likelihood \* impact)

Low	Moderate	High	Extreme
1 - 3	4 - 6	8 - 12	15 - 25

## Risk Register 2 - Final Scores & Actions

Ref	Risk Description	Likelihood (1-5)	Impact (1-5)	Risk Rating	Analysis	Action
1	Lack of time	3	5	15	<p>The project started off late due to starting from scratch rather than using the IMS-Starter.</p> <p>This was due to a lack of communication and understanding between the trainer and cohort.</p>	Communicate more clearly with trainers as to the expectations of QA.
2	Lack of experience	5	5	25	Java and JDBC proved to be very difficult conceptually at first. Throughout the development, Java proved to be a hurdle and more time studying it could have been incredibly beneficial.	Must consolidate knowledge after each newly learned technology.
3	Technical Disruption	2	4	8	Multiple instances of internet cuts, GCP instances closing prematurely, and lag during microsoft teams meetings all interrupted workflow.	Closed risk.
4	Self Management	3	4	12	Burnout was not managed well. Stress was commonplace due to a lack of formal structure and experience.	Closed risk.
5	Unreliable Tests	3	4	12	Tests are not thorough due to time constraints. The minimum of 80% test coverage was unfortunately not reached.	Add new tests and fix-non functional ones.
6	Personal Health	3	5	12	Illness caused instances of lethargy and distraction which could have been used to focus more on the project	Unfortunately this was unavoidable in this case.