

Risk rating (likelihood*Impact)				
Negligible	Minor	Moderate	Major	Extreme
1-3	4-8	9-14	15-19	20-25

Impact				
Negligible	Minor	Moderate	Major	Extreme
1	2	3	4	5

Impact				
Negligible	Minor	Moderate	Major	Extreme
1	2	3	4	5

Risk Register Pre Project Analysis							
Risk ID	Risk	Cause	Event	Likelihood	Impact	Risk Rating	Response Strategy
1	COVID	Catching the virus	Not able to finish the project to a good quality	2	5	10	Follow guidelines to not catch the virus, contact QA if you do catch it
2	Time management	Either overworking and burning out or underworking	Distress causing drop in quality	2	4	8	Ensure to take breaks and not stress out as help is readily available
3	GCP unreliability	The google servers going down	Cause delays in completing the project	1	2	2	GCP which is owned by Alphabet is a very reliable company therefore their Cloud server should also be reliable
4	ISP	Drop in WIFI due to	Don't need WIFI to code but do need to connect to GCP	2	2	4	Can't really do much but if keeps dropping talk to ISP
5	Lack of Knowledge	Cramming in a lot of new information in a short period not being able to solidify it	Having a lot of error and struggling to complete the work causing distress	3	3	9	Use other resources if you do not understand anything and don't be afraid to ask for help
6	Lack of experience	Have not worked in a professional	Coding style is not	4	2	8	Plan ahead to make sure your coding

		programming job	efficient and following bad coding practices				style is consistent and good
7	Hardware issues	Laptop breaking	Cannot complete project as don't have another machine to work on	2	5	10	Cant even use public services as everything is closed due to COVID, ask QA to send you a workstation as soon as possible
8	Loss of data	Losing work due to external sourcing and not having back ups	Everything is backed up online so losing data is very unlikely	1	5	5	Very unlikely as all the code is stored on GitHub and documentation has a backup on google drive but if it does happen then theres not much you can do except be extra secure and keep a backup on a USB

Risk Register Post Project Analysis						
Risk ID	Risk	Likelihood	Impact	Risk Rating	Analysis	Action
1	COVID	1	3	2	Did not catch COVID but feeling ill on the last week which slightly impacted my ability to focus and understand the complexities	Less screen time, get more sleep, drink more water
2	Time management	2	4	8	If I started earlier rather than waiting to get to testing and making it as I go the workload would have been less	Make a start as early as possible, you can start solving a puzzle even if you don't understand how all the pieces fit
3	GCP unreliability	4	5	20	GCP turned out to be extremely problematic near the end of the project where it not follow the code in the scheme on the 25 th it ever occurred to me that GCP might be the issue as I thought it was extremely reliable	Have more trust in your coding ability and if it all looks fine don't be scared to question the outside software you are using just because its made by a big corporation doesn't mean it does not contain problems
4	ISP	1	1	1	Minor issues loss of minutes not much	Thank you BT
5	Lack of Knowledge	4	4	16	A combination of leaving it too late and getting ill caused distress and made it more difficult to understand especially Mockito where it was	Start earlier to give yourself plenty of time to understand the concepts especially on a new programming language you have not used before

					harder to get my head around	
6	Lack of experiance	2	2	4	Not really a code of conduct to follow but commenting code could be better and using the naming conventions	Read up more on good java coding practices
7	Hardware issues	2	1	2	Minor issues with driver updates not allowing webcam to work and audio being buggy but did not impact project	Keep drivers updated
8	Loss of data	1	1	1	Was very unlikely to happen in the first place only	No action but for safety keep a third backup maybe on a USB